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# Electric Power Monthly

## July 2024

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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 Energy Production, Conversion & Delivery (EPCD), Energy Information Administration (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, sales of electricity to ultimate consumers, 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, 2024 and 2023

| Net Generation and Consumption of Fuels for May | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total (All Sectors) | | | Electric Power Sector | | | | Commercial | | Industrial | | Residential | |
| | | | | | Electric Utilities | | Independent Power Producers | | | | | | | |
| Fuel | Facility Type | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Net Generation (Thousand Megawatthours) | | | | | | | | | | | | | | |
| Coal | Utility Scale Facilities | 46,328 | 43,835 | 5.7% | 36,011 | 32,552 | 9,959 | 10,911 | NM | 18 | 353 | 355 | 0 | 0 |
| Petroleum Liquids | Utility Scale Facilities | 915 | 903 | 1.3% | 674 | 659 | 196 | 202 | 5 | NM | 39 | 37 | 0 | 0 |
| Petroleum Coke | Utility Scale Facilities | 260 | 286 | -8.9% | 168 | 166 | 73 | 100 | 1 | 0 | 19 | 20 | 0 | 0 |
| Natural Gas | Utility Scale Facilities | 143,917 | 137,728 | 4.5% | 74,764 | 70,535 | 60,499 | 58,959 | 684 | 624 | 7,969 | 7,611 | 0 | 0 |
| Other Gas | Utility Scale Facilities | 754 | 901 | -16.3% | 0 | 0 | 188 | 282 | 0 | 0 | 565 | 618 | 0 | 0 |
| Nuclear | Utility Scale Facilities | 64,973 | 61,473 | 5.7% | 36,822 | 34,877 | 28,151 | 26,596 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydroelectric Conventional | Utility Scale Facilities | 21,963 | 27,445 | -20.0% | 19,842 | 25,405 | 2,016 | 1,928 | NM | NM | 83 | 80 | 0 | 0 |
| Renewable Sources Excluding Hydroelectric | Utility Scale Facilities | 66,176 | 54,516 | 21.4% | 10,786 | 8,511 | 52,991 | 43,573 | 409 | 395 | 1,989 | 2,036 | 0 | 0 |
| ... Wind | Utility Scale Facilities | 38,936 | 32,066 | 21.4% | 7,210 | 5,878 | 31,701 | 26,165 | 14 | 14 | NM | 10 | 0 | 0 |
| ... Solar Thermal and Photovoltaic | Utility Scale Facilities | 22,050 | 16,927 | 30.3% | 3,208 | 2,287 | 18,715 | 14,535 | 77 | 70 | 50 | 34 | 0 | 0 |
| ... Wood and Wood-Derived Fuels | Utility Scale Facilities | 2,659 | 2,783 | -4.5% | 203 | 198 | 595 | 660 | 5 | 3 | 1,856 | 1,922 | 0 | 0 |
| ... Other Biomass | Utility Scale Facilities | 1,306 | 1,369 | -4.6% | 85 | 88 | 835 | 903 | 313 | 308 | 73 | 70 | 0 | 0 |
| ... Geothermal | Utility Scale Facilities | 1,225 | 1,371 | -10.6% | 80 | 60 | 1,145 | 1,310 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydroelectric Pumped Storage | Utility Scale Facilities | -292 | -450 | -35.1% | -152 | -336 | -140 | -114 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Energy Sources | Utility Scale Facilities | 805 | 857 | -6.1% | 14 | 21 | 250 | 288 | 279 | 272 | 262 | 276 | 0 | 0 |
| All Energy Sources | Utility Scale Facilities | 345,798 | 327,493 | 5.6% | 178,930 | 172,390 | 154,183 | 142,726 | 1,406 | 1,345 | 11,280 | 11,032 | 0 | 0 |
| | | | | | | | | | | | | | | |
| Estimated Small Scale Solar Photovoltaic | Small Scale Facilities | 8,592 | 7,560 | 13.7% | 0 | 0 | 0 | 0 | 2,255 | 2,002 | 480 | 451 | 5,856 | 5,107 |
| Estimated Total Solar Photovoltaic | All Facilities | 30,228 | 24,187 | 25.0% | 3,208 | 2,287 | 18,301 | 14,235 | 2,332 | 2,073 | 531 | 485 | 5,856 | 5,107 |
| Estimated Total Solar | All Facilities | 30,642 | 24,487 | 25.1% | 3,208 | 2,287 | 18,715 | 14,535 | 2,332 | 2,073 | 531 | 485 | 5,856 | 5,107 |
| Consumption of Fossil Fuels for Electricity Generation | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 26,448 | 25,567 | 3.4% | 20,230 | 18,503 | 6,097 | 6,937 | 2 | 6 | 120 | 121 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 1,664 | 1,699 | -2.1% | 1,271 | 1,284 | 330 | 358 | 18 | 16 | 44 | 42 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 116 | 117 | -1.2% | 83 | 76 | 26 | 34 | 0 | 0 | 7 | 8 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 1,063,309 | 1,019,950 | 4.3% | 574,943 | 543,723 | 436,047 | 425,181 | 4,057 | 3,862 | 48,262 | 47,184 | 0 | 0 |
| Consumption of Fossil Fuels for Useful Thermal Output | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 686 | 785 | -12.7% | 94 | 117 | 31 | 43 | 17 | 26 | 543 | 599 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 302 | 225 | 34.7% | 5 | 8 | 24 | 26 | 61 | 12 | 213 | 178 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 47 | 56 | -16.0% | 1 | 0 | 7 | 8 | 1 | 0 | 38 | 48 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 98,448 | 94,720 | 3.9% | 3,912 | 3,923 | 24,939 | 22,879 | 5,328 | 5,368 | 64,269 | 62,550 | 0 | 0 |
| Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 27,134 | 26,353 | 3.0% | 20,324 | 18,620 | 6,128 | 6,980 | 19 | 31 | 663 | 720 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 1,966 | 1,923 | 2.2% | 1,276 | 1,291 | 354 | 384 | 79 | 28 | 257 | 220 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 163 | 173 | -6.0% | 84 | 76 | 32 | 42 | 1 | 0 | 45 | 55 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 1,161,757 | 1,114,670 | 4.2% | 578,855 | 547,646 | 460,987 | 448,061 | 9,385 | 9,230 | 112,531 | 109,733 | 0 | 0 |
| Fuel Stocks (end-of-month) | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 138,302 | 126,977 | 8.9% | 114,349 | 104,282 | 23,410 | 22,132 | 49 | 45 | 495 | 518 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 23,469 | 25,086 | -6.4% | 13,552 | 14,590 | 8,558 | 8,735 | 303 | 328 | 1,056 | 1,432 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 557 | 836 | -33.4% | 307 | 592 | 6 | 9 | 1 | 1 | 243 | 236 | 0 | 0 |

| Sales, Revenue, and Average Price of Electricity to Ultimate Customers for May | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total U.S. Electric Power Industry | | | | | | | | |
| | Sales of Electricity to Ultimate Customers (million kWh) | | | Revenue from Sales of Electricity to Ultimate Customers (million dollars) | | | Average Price of Electricity to Ultimate Customers (cents/kWh) | | |
| Sector | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | Percentage Change |
| Residential | 109,076 | 100,479 | 8.6% | 17,917 | 16,225 | 10.4% | 16.43 | 16.15 | 1.7% |
| Commercial | 115,422 | 110,404 | 4.5% | 14,410 | 13,605 | 5.9% | 12.48 | 12.32 | 1.3% |
| Industrial | 86,699 | 86,394 | 0.4% | 6,889 | 6,587 | 4.6% | 7.95 | 7.62 | 4.3% |
| Transportation | 596 | 518 | 15.2% | 73 | 64 | 14.5% | 12.29 | 12.36 | -0.6% |
| All Sectors | 311,793 | 297,795 | 4.7% | 39,290 | 36,481 | 7.7% | 12.60 | 12.25 | 2.9% |

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas, hydrogen 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.
Sales of electricity to ultimate customers 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 sales of electricity to ultimate customers and associated revenue accumulate from bills collected for periods of time that vary depending

## Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2024 and 2023

| Net Generation and Consumption of Fuels for January through May | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total (All Sectors) | | | Electric Power Sector | | | | Commercial | | Industrial | | Residential | |
| | | | | | Electric Utilities | | Independent Power Producers | | | | | | | |
| Fuel | Facility Type | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| Net Generation (Thousand Megawatthours) | | | | | | | | | | | | | | |
| Coal | Utility Scale Facilities | 241,628 | 241,796 | -0.1% | 188,725 | 181,862 | 51,028 | 58,037 | 85 | 96 | 1,790 | 1,801 | 0 | 0 |
| Petroleum Liquids | Utility Scale Facilities | 4,872 | 4,897 | -0.5% | 3,535 | 3,461 | 1,080 | 1,178 | 34 | 32 | 223 | 226 | 0 | 0 |
| Petroleum Coke | Utility Scale Facilities | 1,166 | 1,650 | -29.4% | 635 | 1,031 | 439 | 490 | 2 | 1 | 89 | 128 | 0 | 0 |
| Natural Gas | Utility Scale Facilities | 688,221 | 651,883 | 5.6% | 343,416 | 322,843 | 300,381 | 287,101 | 3,456 | 3,158 | 40,968 | 38,781 | 0 | 0 |
| Other Gas | Utility Scale Facilities | 4,024 | 4,481 | -10.2% | 0 | 0 | 1,123 | 1,239 | 0 | 0 | 2,901 | 3,242 | 0 | 0 |
| Nuclear | Utility Scale Facilities | 319,309 | 312,633 | 2.1% | 180,365 | 179,330 | 138,944 | 133,303 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydroelectric Conventional | Utility Scale Facilities | 104,932 | 106,088 | -1.1% | 93,864 | 95,855 | 10,541 | 9,719 | 106 | 111 | 421 | 403 | 0 | 0 |
| Renewable Sources Excluding Hydroelectric | Utility Scale Facilities | 313,367 | 289,111 | 8.4% | 51,340 | 46,822 | 250,430 | 230,692 | 1,903 | 1,826 | 9,694 | 9,771 | 0 | 0 |
| ... Wind | Utility Scale Facilities | 209,105 | 201,114 | 4.0% | 38,168 | 36,344 | 170,811 | 164,626 | 66 | 83 | 60 | 61 | 0 | 0 |
| ... Solar Thermal and Photovoltaic | Utility Scale Facilities | 78,696 | 61,060 | 28.9% | 11,602 | 8,754 | 66,596 | 51,921 | 317 | 260 | 180 | 125 | 0 | 0 |
| ... Wood and Wood-Derived Fuels | Utility Scale Facilities | 12,893 | 13,356 | -3.5% | 856 | 930 | 2,917 | 3,154 | 31 | 33 | 9,090 | 9,239 | 0 | 0 |
| ... Other Biomass | Utility Scale Facilities | 6,278 | 6,623 | -5.2% | 385 | 421 | 4,039 | 4,405 | 1,489 | 1,449 | 365 | 347 | 0 | 0 |
| ... Geothermal | Utility Scale Facilities | 6,394 | 6,958 | -8.1% | 328 | 372 | 6,066 | 6,585 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydroelectric Pumped Storage | Utility Scale Facilities | -1,771 | -2,302 | -23.0% | -1,157 | -1,774 | -614 | -528 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Energy Sources | Utility Scale Facilities | 3,666 | 4,093 | -10.4% | 56 | 92 | 1,062 | 1,367 | 1,295 | 1,251 | 1,253 | 1,383 | 0 | 0 |
| All Energy Sources | Utility Scale Facilities | 1,679,413 | 1,614,330 | 4.0% | 860,780 | 829,522 | 754,414 | 722,597 | 6,880 | 6,475 | 57,339 | 55,736 | 0 | 0 |
| | | | | | | | | | | | | | | |
| Estimated Small Scale Solar Photovoltaic | Small Scale Facilities | 33,831 | 28,723 | 17.8% | 0 | 0 | 0 | 0 | 8,733 | 7,834 | 1,897 | 1,745 | 23,201 | 19,145 |
| Estimated Total Solar Photovoltaic | All Facilities | 111,361 | 88,842 | 25.3% | 11,602 | 8,754 | 65,430 | 50,979 | 9,050 | 8,094 | 2,078 | 1,870 | 23,201 | 19,145 |
| Estimated Total Solar | All Facilities | 112,528 | 89,783 | 25.3% | 11,602 | 8,754 | 66,596 | 51,921 | 9,050 | 8,094 | 2,078 | 1,870 | 23,201 | 19,145 |
| Consumption of Fossil Fuels for Electricity Generation | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 138,178 | 139,399 | -0.9% | 105,982 | 103,188 | 31,559 | 35,574 | 28 | 31 | 609 | 606 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 8,908 | 8,781 | 1.4% | 6,716 | 6,476 | 1,860 | 1,983 | 89 | 81 | 242 | 242 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 508 | 638 | -20.3% | 336 | 447 | 138 | 146 | 1 | 0 | 34 | 45 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 5,004,493 | 4,747,569 | 5.4% | 2,604,370 | 2,452,718 | 2,129,346 | 2,037,006 | 20,835 | 19,600 | 249,943 | 238,245 | 0 | 0 |
| Consumption of Fossil Fuels for Useful Thermal Output | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 4,055 | 4,148 | -2.2% | 617 | 622 | 207 | 264 | 156 | 159 | 3,075 | 3,103 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 1,664 | 1,528 | 8.9% | 39 | 33 | 110 | 145 | 297 | 131 | 1,218 | 1,219 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 227 | 255 | -11.0% | 1 | 6 | 36 | 57 | 3 | 2 | 187 | 190 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 515,622 | 503,038 | 2.5% | 20,413 | 19,603 | 128,930 | 124,349 | 30,824 | 30,203 | 335,454 | 328,883 | 0 | 0 |
| Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output | | | | | | | | | | | | | | |
| Coal (1000 tons) | Utility Scale Facilities | 142,233 | 143,548 | -0.9% | 106,600 | 103,810 | 31,766 | 35,839 | 184 | 190 | 3,684 | 3,709 | 0 | 0 |
| Petroleum Liquids (1000 barrels) | Utility Scale Facilities | 10,571 | 10,309 | 2.5% | 6,755 | 6,508 | 1,970 | 2,128 | 386 | 212 | 1,460 | 1,461 | 0 | 0 |
| Petroleum Coke (1000 tons) | Utility Scale Facilities | 735 | 893 | -17.6% | 337 | 453 | 174 | 203 | 3 | 2 | 221 | 235 | 0 | 0 |
| Natural Gas (1000 Mcf) | Utility Scale Facilities | 5,520,115 | 5,250,607 | 5.1% | 2,624,783 | 2,472,322 | 2,258,276 | 2,161,354 | 51,659 | 49,804 | 585,397 | 567,128 | 0 | 0 |

| Sales, Revenue, and Average Price of Electricity to Ultimate Customers for January through May | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total U.S. Electric Power Industry | | | | | | | | |
| | Sales of Electricity to Ultimate Customers (million kWh) | | | Revenue from Sales of Electricity to Ultimate Customers (million dollars) | | | Average Price of Electricity to Ultimate Customers (cents/kWh) | | |
| Sector | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | Percentage Change |
| Residential | 569,841 | 552,415 | 3.2% | 92,525 | 87,815 | 5.4% | 16.24 | 15.90 | 2.1% |
| Commercial | 550,858 | 533,958 | 3.2% | 69,833 | 66,705 | 4.7% | 12.68 | 12.49 | 1.5% |
| Industrial | 410,824 | 407,603 | 0.8% | 32,381 | 32,024 | 1.1% | 7.88 | 7.86 | 0.3% |
| Transportation | 2,866 | 2,714 | 5.6% | 359 | 336 | 6.9% | 12.52 | 12.38 | 1.1% |
| All Sectors | 1,534,388 | 1,496,689 | 2.5% | 195,098 | 186,879 | 4.4% | 12.72 | 12.49 | 1.8% |

YTD = Year to Date
NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas, hydrogen 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.
Sales of electricity to ultimate customers 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 sales of electricity to ultimate customers and associated revenue accumulate from bills collected for periods of time that vary depending

## Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2024 and 2023

| Total (All Sectors) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Year-to-Date | | | |
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Physical Units) | | (Dollars / Physical Unit) | | Number of Plants | | (Physical Units) | | (Dollars / Physical Unit) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal (1000 tons) | 26,820 | 33,557 | 49.47 | 47.77 | 165 | 187 | 141,853 | 176,605 | 47.74 | 48.05 |
| Petroleum Liquids (1000 barrels) | 1,070 | 1,228 | 115.39 | 114.11 | 91 | 99 | 5,783 | 7,438 | 117.64 | 123.47 |
| Petroleum Coke (1000 tons) | 78 | 72 | 80.18 | 86.86 | 3 | 3 | 237 | 724 | 75.55 | 127.56 |
| Natural Gas (1000 Mcf) | 972,787 | 940,736 | 2.33 | 2.62 | 579 | 579 | 4,625,766 | 4,432,054 | 3.00 | 4.17 |

| Electric Utilities | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Year-to-Date | | | |
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Physical Units) | | (Dollars / Physical Unit) | | Number of Plants | | (Physical Units) | | (Dollars / Physical Unit) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal (1000 tons) | 20,633 | 25,161 | 52.05 | 49.03 | 122 | 136 | 108,791 | 133,250 | 50.39 | 49.41 |
| Petroleum Liquids (1000 barrels) | 744 | 945 | 114.47 | 113.95 | 65 | 71 | 4,324 | 5,375 | 117.18 | 125.53 |
| Petroleum Coke (1000 tons) | 78 | 72 | 80.18 | 86.86 | 3 | 3 | 237 | 724 | 75.55 | 127.56 |
| Natural Gas (1000 Mcf) | 496,222 | 474,217 | 2.61 | 2.95 | 298 | 298 | 2,264,244 | 2,159,869 | 3.28 | 4.83 |

| Independent Power Producers | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Year-to-Date | | | |
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Physical Units) | | (Dollars / Physical Unit) | | Number of Plants | | (Physical Units) | | (Dollars / Physical Unit) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal (1000 tons) | 5,706 | 7,876 | 39.38 | 42.29 | 33 | 37 | 30,578 | 40,673 | 37.28 | 42.13 |
| Petroleum Liquids (1000 barrels) | 305 | 232 | 118.39 | 118.84 | 17 | 18 | 1,310 | 1,779 | 120.68 | 120.56 |
| Petroleum Coke (1000 tons) | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas (1000 Mcf) | 413,626 | 403,626 | 1.98 | 2.18 | 235 | 236 | 2,037,517 | 1,954,661 | 2.71 | 3.46 |

| Commercial Sector | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Year-to-Date | | | |
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Physical Units) | | (Dollars / Physical Unit) | | Number of Plants | | (Physical Units) | | (Dollars / Physical Unit) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal (1000 tons) | 0 | 0 | -- | -- | 0 | 0 | 6 | 2 | 96.74 | 96.90 |
| Petroleum Liquids (1000 barrels) | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Petroleum Coke (1000 tons) | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas (1000 Mcf) | 554 | 726 | 3.31 | 2.92 | 3 | 3 | 3,063 | 3,447 | 3.34 | 3.08 |

| Industrial Sector | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Year-to-Date | | | |
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Physical Units) | | (Dollars / Physical Unit) | | Number of Plants | | (Physical Units) | | (Dollars / Physical Unit) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal (1000 tons) | 481 | 520 | 57.39 | 69.33 | 10 | 14 | 2,477 | 2,680 | 59.98 | 70.33 |
| Petroleum Liquids (1000 barrels) | 21 | 51 | 103.83 | 95.51 | 9 | 10 | 149 | 283 | 104.52 | 102.03 |
| Petroleum Coke (1000 tons) | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas (1000 Mcf) | 62,385 | 62,168 | 2.03 | 2.43 | 43 | 42 | 320,942 | 314,078 | 2.48 | 3.26 |

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, 2024 and 2023

**Total (All Sectors)**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Billion Btu) | | (Dollars / Million Btu) | | Number of Plants | | (Billion Btu) | | (Dollars / Million Btu) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal | 515,851 | 636,634 | 2.57 | 2.52 | 165 | 187 | 2,688,436 | 3,340,176 | 2.52 | 2.54 |
| Petroleum Liquids | 6,495 | 7,463 | 19.01 | 18.78 | 91 | 99 | 35,171 | 45,119 | 19.34 | 20.35 |
| Petroleum Coke | 2,177 | 1,985 | 2.86 | 3.14 | 3 | 3 | 6,603 | 20,415 | 2.71 | 4.52 |
| Natural Gas | 1,002,104 | 969,622 | 2.26 | 2.54 | 579 | 579 | 4,778,042 | 4,575,375 | 2.90 | 4.04 |
| Fossil Fuels | 1,526,627 | 1,615,705 | 2.45 | 2.61 | 684 | 692 | 7,508,252 | 7,981,084 | 2.84 | 3.48 |

**Electric Utilities**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Billion Btu) | | (Dollars / Million Btu) | | Number of Plants | | (Billion Btu) | | (Dollars / Million Btu) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal | 404,600 | 483,321 | 2.65 | 2.55 | 122 | 136 | 2,105,405 | 2,544,741 | 2.60 | 2.59 |
| Petroleum Liquids | 4,502 | 5,724 | 18.92 | 18.82 | 65 | 71 | 26,307 | 32,509 | 19.26 | 20.76 |
| Petroleum Coke | 2,177 | 1,985 | 2.86 | 3.14 | 3 | 3 | 6,603 | 20,415 | 2.71 | 4.52 |
| Natural Gas | 509,892 | 487,945 | 2.54 | 2.87 | 298 | 298 | 2,334,497 | 2,226,433 | 3.18 | 4.68 |
| Fossil Fuels | 921,171 | 978,975 | 2.67 | 2.80 | 376 | 385 | 4,472,812 | 4,824,098 | 3.00 | 3.68 |

**Independent Power Producers**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Billion Btu) | | (Dollars / Million Btu) | | Number of Plants | | (Billion Btu) | | (Dollars / Million Btu) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal | 101,597 | 142,737 | 2.21 | 2.33 | 33 | 37 | 532,780 | 740,920 | 2.14 | 2.31 |
| Petroleum Liquids | 1,866 | 1,430 | 19.38 | 19.31 | 17 | 18 | 7,949 | 10,892 | 19.88 | 19.65 |
| Petroleum Coke | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas | 427,485 | 417,032 | 1.92 | 2.11 | 235 | 236 | 2,110,213 | 2,022,572 | 2.62 | 3.35 |
| Fossil Fuels | 530,948 | 561,199 | 2.05 | 2.22 | 260 | 260 | 2,650,942 | 2,774,383 | 2.57 | 3.10 |

**Commercial Sector**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Billion Btu) | | (Dollars / Million Btu) | | Number of Plants | | (Billion Btu) | | (Dollars / Million Btu) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal | 0 | 0 | -- | -- | 0 | 0 | 128 | 43 | 4.28 | 4.28 |
| Petroleum Liquids | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Petroleum Coke | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas | 577 | 748 | 3.18 | 2.84 | 3 | 3 | 3,177 | 3,561 | 3.22 | 2.98 |
| Fossil Fuels | 577 | 748 | 3.18 | 2.84 | 3 | 3 | 3,305 | 3,604 | 3.26 | 2.99 |

**Industrial Sector**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts | | Cost | | | | Receipts | | Cost | |
| | (Billion Btu) | | (Dollars / Million Btu) | | Number of Plants | | (Billion Btu) | | (Dollars / Million Btu) | |
| Fuel | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| Coal | 9,654 | 10,576 | 2.86 | 3.41 | 10 | 14 | 50,124 | 54,473 | 2.96 | 3.46 |
| Petroleum Liquids | 128 | 309 | 16.69 | 15.64 | 9 | 10 | 915 | 1,717 | 17.06 | 16.82 |
| Petroleum Coke | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | 0.00 | 0.00 |
| Natural Gas | 64,149 | 63,898 | 1.97 | 2.37 | 43 | 42 | 330,155 | 322,809 | 2.42 | 3.17 |
| Fossil Fuels | 73,931 | 74,783 | 2.11 | 2.57 | 45 | 44 | 381,194 | 378,999 | 2.52 | 3.28 |

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.

# Chapter 1

# Net Generation

## Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | | | Small Scale Generation | Net Generation From Utility and Small Scale Facilities | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Period | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gas | Nuclear | Hydroelectric Conventional | Solar | Renewable Sources Excluding Hydroelectric and Solar | Hydroelectric Pumped Storage | Other | Total Generation at Utility Scale Facilities | Estimated Solar Photovoltaic | Estimated Total Solar Photovoltaic | Estimated Total Solar |
| Annual Totals | | | | | | | | | | | | | | | |
| 2014 | 1,581,710 | 18,276 | 11,955 | 1,126,635 | 12,022 | 797,166 | 259,367 | 17,691 | 261,522 | -6,174 | 13,393 | 4,093,564 | 11,233 | 26,482 | 28,924 |
| 2015 | 1,352,398 | 17,372 | 10,877 | 1,334,668 | 13,117 | 797,178 | 249,080 | 24,893 | 270,268 | -5,091 | 13,955 | 4,078,714 | 14,139 | 35,805 | 39,032 |
| 2016 | 1,239,149 | 13,008 | 11,197 | 1,379,271 | 12,807 | 805,694 | 267,812 | 36,054 | 305,579 | -6,686 | 13,689 | 4,077,574 | 18,812 | 51,483 | 54,866 |
| 2017 | 1,205,835 | 12,414 | 8,976 | 1,297,703 | 12,469 | 804,950 | 300,333 | 53,287 | 332,963 | -6,495 | 13,008 | 4,035,443 | 23,990 | 74,008 | 77,277 |
| 2018 | 1,149,487 | 16,245 | 8,981 | 1,471,843 | 13,463 | 807,084 | 292,524 | 63,825 | 350,467 | -5,905 | 12,973 | 4,180,988 | 29,539 | 89,773 | 93,365 |
| 2019 | 964,957 | 11,522 | 6,819 | 1,588,533 | 12,591 | 809,409 | 287,874 | 71,937 | 368,862 | -5,261 | 13,331 | 4,130,574 | 34,957 | 103,676 | 106,894 |
| 2020 | 773,393 | 9,662 | 7,679 | 1,626,790 | 11,818 | 789,879 | 285,274 | 89,199 | 408,539 | -5,321 | 12,855 | 4,009,767 | 41,522 | 127,588 | 130,721 |
| 2021 | 897,999 | 11,663 | 7,511 | 1,579,190 | 11,397 | 779,645 | 251,585 | 115,258 | 448,424 | -5,112 | 12,140 | 4,109,699 | 49,164 | 161,499 | 164,422 |
| 2022 | 831,512 | 15,805 | 7,126 | 1,687,067 | 11,722 | 771,537 | 254,789 | 143,797 | 502,231 | -6,028 | 11,114 | 4,230,672 | 61,282 | 202,080 | 205,079 |
| 2023 | 675,264 | 11,594 | 4,878 | 1,802,062 | 11,451 | 775,347 | 239,855 | 164,502 | 489,161 | -5,897 | 9,955 | 4,178,171 | 73,619 | 235,270 | 238,120 |
| Year 2022 | | | | | | | | | | | | | | | |
| January | 87,588 | 3,105 | 564 | 134,948 | 1,005 | 70,577 | 24,198 | 7,822 | 43,424 | -493 | 1,029 | 373,766 | 3,376 | 11,066 | 11,198 |
| February | 70,966 | 1,114 | 621 | 114,945 | 886 | 61,852 | 21,321 | 9,027 | 43,090 | -412 | 900 | 324,311 | 3,717 | 12,585 | 12,744 |
| March | 61,019 | 959 | 500 | 112,477 | 953 | 63,154 | 24,436 | 11,695 | 48,677 | -318 | 979 | 324,531 | 5,121 | 16,560 | 16,816 |
| April | 55,329 | 749 | 528 | 105,506 | 921 | 55,290 | 20,066 | 13,402 | 51,528 | -265 | 941 | 303,994 | 5,671 | 18,752 | 19,073 |
| May | 62,532 | 834 | 596 | 127,094 | 1,036 | 63,382 | 23,359 | 15,121 | 47,727 | -467 | 971 | 342,184 | 6,236 | 20,986 | 21,357 |
| June | 73,463 | 897 | 683 | 155,517 | 987 | 65,715 | 25,988 | 16,053 | 39,461 | -589 | 959 | 379,134 | 6,229 | 21,910 | 22,282 |
| July | 86,415 | 1,045 | 488 | 189,042 | 1,083 | 68,857 | 24,567 | 15,766 | 35,499 | -768 | 982 | 422,976 | 6,438 | 21,916 | 22,204 |
| August | 85,215 | 1,001 | 576 | 188,860 | 1,008 | 68,897 | 21,133 | 14,503 | 30,657 | -640 | 924 | 412,134 | 6,194 | 20,418 | 20,697 |
| Sept | 64,998 | 942 | 648 | 156,948 | 987 | 63,733 | 17,026 | 13,287 | 32,840 | -598 | 845 | 351,655 | 5,544 | 18,546 | 18,831 |
| October | 54,228 | 952 | 610 | 133,492 | 968 | 58,945 | 14,367 | 11,942 | 38,036 | -434 | 844 | 313,949 | 5,022 | 16,675 | 16,964 |
| November | 56,377 | 911 | 568 | 127,523 | 911 | 62,041 | 17,898 | 8,403 | 46,779 | -495 | 864 | 321,781 | 4,035 | 12,289 | 12,438 |
| December | 73,381 | 3,296 | 744 | 140,716 | 978 | 69,094 | 20,430 | 6,777 | 44,514 | -548 | 876 | 360,257 | 3,698 | 10,377 | 10,475 |
| Year 2023 | | | | | | | | | | | | | | | |
| January | 61,275 | 995 | 406 | 137,725 | 990 | 70,870 | 22,287 | 7,982 | 45,231 | -612 | 882 | 348,031 | 3,992 | 11,890 | 11,974 |
| February | 46,488 | 1,129 | 335 | 123,928 | 912 | 60,807 | 18,680 | 9,251 | 47,374 | -448 | 801 | 309,258 | 4,401 | 13,543 | 13,652 |
| March | 50,057 | 976 | 323 | 132,207 | 961 | 62,820 | 20,197 | 12,144 | 49,930 | -511 | 814 | 329,920 | 6,003 | 17,994 | 18,148 |
| April | 40,141 | 893 | 301 | 120,294 | 717 | 56,662 | 17,479 | 14,755 | 47,926 | -281 | 739 | 299,628 | 6,768 | 21,228 | 21,523 |
| May | 43,835 | 903 | 286 | 137,728 | 901 | 61,473 | 27,445 | 16,927 | 37,589 | -450 | 857 | 327,493 | 7,560 | 24,187 | 24,487 |
| June | 57,700 | 906 | 383 | 161,827 | 894 | 64,965 | 19,467 | 17,631 | 32,785 | -542 | 848 | 356,863 | 7,429 | 24,695 | 25,060 |
| July | 79,121 | 967 | 702 | 200,554 | 995 | 69,888 | 21,199 | 18,880 | 33,375 | -648 | 870 | 425,902 | 7,747 | 26,246 | 26,626 |
| August | 78,187 | 990 | 701 | 199,995 | 1,151 | 69,744 | 21,120 | 17,816 | 34,127 | -644 | 855 | 424,042 | 7,556 | 25,062 | 25,372 |
| Sept | 60,001 | 919 | 635 | 165,406 | 951 | 65,560 | 16,469 | 15,563 | 33,312 | -544 | 775 | 359,047 | 6,623 | 21,892 | 22,185 |
| October | 50,956 | 973 | 312 | 140,963 | 913 | 61,403 | 18,076 | 14,082 | 41,368 | -371 | 823 | 329,497 | 6,094 | 19,888 | 20,175 |
| November | 51,231 | 960 | 206 | 135,260 | 999 | 62,258 | 18,100 | 10,271 | 42,329 | -339 | 830 | 322,103 | 4,958 | 15,062 | 15,229 |
| December | 56,271 | 983 | 289 | 146,174 | 1,067 | 68,898 | 19,336 | 9,200 | 43,814 | -506 | 862 | 346,387 | 4,489 | 13,582 | 13,689 |
| Year 2024 | | | | | | | | | | | | | | | |
| January | 75,662 | 1,493 | 317 | 160,450 | 1,029 | 69,080 | 21,237 | 9,651 | 40,487 | -411 | 805 | 379,799 | 4,782 | 14,355 | 14,434 |
| February | 44,055 | 775 | 199 | 130,990 | 780 | 64,584 | 19,597 | 12,389 | 46,591 | -396 | 716 | 320,280 | 5,417 | 17,686 | 17,806 |
| March | 38,360 | 816 | 150 | 130,423 | 723 | 63,346 | 22,945 | 15,668 | 50,858 | -342 | 693 | 323,639 | 7,131 | 22,577 | 22,799 |
| April | 37,223 | 874 | 239 | 122,441 | 739 | 57,326 | 19,190 | 18,938 | 52,609 | -330 | 647 | 309,896 | 7,909 | 26,515 | 26,847 |
| May | 46,328 | 915 | 260 | 143,917 | 754 | 64,973 | 21,963 | 22,050 | 44,126 | -292 | 805 | 345,798 | 8,592 | 30,228 | 30,642 |
| Year to Date | | | | | | | | | | | | | | | |
| 2022 | 337,434 | 6,762 | 2,809 | 594,970 | 4,801 | 314,254 | 113,379 | 57,066 | 234,445 | -1,955 | 4,820 | 1,668,786 | 24,121 | 79,949 | 81,188 |
| 2023 | 241,796 | 4,897 | 1,650 | 651,883 | 4,481 | 312,633 | 106,088 | 61,060 | 228,051 | -2,302 | 4,093 | 1,614,330 | 28,723 | 88,842 | 89,783 |
| 2024 | 241,628 | 4,872 | 1,166 | 688,221 | 4,024 | 319,309 | 104,932 | 78,696 | 234,671 | -1,771 | 3,666 | 1,679,413 | 33,831 | 111,361 | 112,528 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | | | | |
| 2023 | 735,873 | 13,940 | 5,967 | 1,743,981 | 11,402 | 769,916 | 247,497 | 147,791 | 495,837 | -6,375 | 10,387 | 4,176,216 | 65,885 | 210,973 | 213,675 |
| 2024 | 675,096 | 11,569 | 4,393 | 1,838,400 | 10,994 | 782,023 | 238,699 | 182,138 | 495,781 | -5,366 | 9,528 | 4,243,254 | 78,727 | 257,790 | 260,865 |

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, hydrogen 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.
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, 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 2022 and prior years are final. Values for 2023 and 2024 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.
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors), 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | Small Scale Generation | Generation From Utility and Small Scale Facilities | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 Generation at Utility Scale Facilities | Estimated Solar Photovoltaic | Estimated Total Solar Photovoltaic | Estimated Total Solar |
| Annual Totals | | | | | | | | | | | | | |
| 2014 | 181,655 | 15,250 | 2,441 | 42,340 | 11,220 | 7,228 | 3,202 | 15,877 | 259,367 | 538,579 | 11,233 | 26,482 | 28,924 |
| 2015 | 190,719 | 21,666 | 3,227 | 41,929 | 11,291 | 7,211 | 3,201 | 15,918 | 249,080 | 544,241 | 14,139 | 35,805 | 39,032 |
| 2016 | 226,993 | 32,670 | 3,384 | 40,947 | 11,218 | 7,265 | 3,331 | 15,826 | 267,812 | 609,445 | 18,812 | 51,483 | 54,866 |
| 2017 | 254,303 | 50,018 | 3,269 | 41,124 | 11,543 | 6,951 | 3,115 | 15,927 | 300,333 | 686,583 | 23,990 | 74,008 | 77,277 |
| 2018 | 272,667 | 60,234 | 3,592 | 40,936 | 11,036 | 7,136 | 2,724 | 15,967 | 292,524 | 706,816 | 29,539 | 89,773 | 93,365 |
| 2019 | 295,882 | 68,719 | 3,218 | 38,543 | 10,468 | 6,093 | 2,402 | 15,473 | 287,874 | 728,673 | 34,957 | 103,676 | 106,894 |
| 2020 | 337,938 | 86,066 | 3,133 | 36,219 | 10,212 | 6,080 | 2,201 | 15,890 | 285,274 | 783,012 | 41,522 | 127,588 | 130,721 |
| 2021 | 378,197 | 112,335 | 2,924 | 36,463 | 9,421 | 6,101 | 2,267 | 15,975 | 251,585 | 815,267 | 49,164 | 161,499 | 164,422 |
| 2022 | 434,297 | 140,798 | 2,999 | 35,464 | 8,535 | 5,776 | 2,073 | 16,087 | 254,789 | 900,817 | 61,282 | 202,080 | 205,079 |
| 2023 | 425,235 | 161,651 | 2,850 | 31,439 | 8,285 | 5,587 | 2,153 | 16,462 | 239,855 | 893,517 | 73,619 | 235,270 | 238,120 |
| Year 2022 | | | | | | | | | | | | | |
| January | 37,416 | 7,689 | 133 | 3,106 | 748 | 492 | 192 | 1,470 | 24,198 | 75,444 | 3,376 | 11,066 | 11,198 |
| February | 37,645 | 8,869 | 159 | 2,897 | 701 | 432 | 173 | 1,243 | 21,321 | 73,438 | 3,717 | 12,585 | 12,744 |
| March | 43,031 | 11,439 | 255 | 2,934 | 773 | 465 | 188 | 1,286 | 24,436 | 84,808 | 5,121 | 16,560 | 16,816 |
| April | 46,167 | 13,081 | 321 | 2,736 | 699 | 482 | 161 | 1,282 | 20,066 | 84,995 | 5,671 | 18,752 | 19,073 |
| May | 42,124 | 14,750 | 371 | 2,905 | 722 | 492 | 157 | 1,327 | 23,359 | 86,206 | 6,236 | 20,986 | 21,357 |
| June | 33,768 | 15,681 | 372 | 3,045 | 710 | 498 | 166 | 1,276 | 25,988 | 81,502 | 6,229 | 21,910 | 22,282 |
| July | 29,475 | 15,478 | 288 | 3,276 | 723 | 510 | 173 | 1,341 | 24,567 | 75,832 | 6,438 | 21,916 | 22,204 |
| August | 24,718 | 14,224 | 279 | 3,206 | 707 | 498 | 174 | 1,354 | 21,133 | 66,293 | 6,194 | 20,418 | 20,697 |
| Sept | 27,331 | 13,002 | 285 | 2,864 | 686 | 470 | 159 | 1,329 | 17,026 | 63,152 | 5,544 | 18,546 | 18,831 |
| October | 32,745 | 11,653 | 289 | 2,624 | 714 | 473 | 182 | 1,298 | 14,367 | 64,345 | 5,022 | 16,675 | 16,964 |
| November | 41,199 | 8,254 | 149 | 2,865 | 678 | 473 | 167 | 1,397 | 17,898 | 73,080 | 4,035 | 12,289 | 12,438 |
| December | 38,680 | 6,679 | 99 | 3,005 | 674 | 493 | 181 | 1,482 | 20,430 | 71,721 | 3,698 | 10,377 | 10,475 |
| Year 2023 | | | | | | | | | | | | | |
| January | 39,212 | 7,898 | 84 | 3,042 | 746 | 485 | 189 | 1,558 | 22,287 | 75,500 | 3,992 | 11,890 | 11,974 |
| February | 42,184 | 9,142 | 109 | 2,613 | 662 | 421 | 192 | 1,302 | 18,680 | 75,305 | 4,401 | 13,543 | 13,652 |
| March | 44,580 | 11,991 | 154 | 2,623 | 720 | 447 | 181 | 1,380 | 20,197 | 82,272 | 6,003 | 17,994 | 18,148 |
| April | 43,072 | 14,460 | 295 | 2,295 | 633 | 410 | 169 | 1,347 | 17,479 | 80,160 | 6,768 | 21,228 | 21,523 |
| May | 32,066 | 16,627 | 300 | 2,783 | 709 | 476 | 183 | 1,371 | 27,445 | 81,960 | 7,560 | 24,187 | 24,487 |
| June | 27,545 | 17,266 | 365 | 2,646 | 676 | 484 | 161 | 1,273 | 19,467 | 69,883 | 7,429 | 24,695 | 25,060 |
| July | 27,903 | 18,500 | 380 | 2,807 | 699 | 498 | 164 | 1,303 | 21,199 | 73,453 | 7,747 | 26,246 | 26,626 |
| August | 28,546 | 17,507 | 310 | 2,890 | 705 | 483 | 164 | 1,341 | 21,120 | 73,063 | 7,556 | 25,062 | 25,372 |
| Sept | 28,230 | 15,269 | 293 | 2,476 | 660 | 441 | 154 | 1,351 | 16,469 | 65,344 | 6,623 | 21,892 | 22,185 |
| October | 36,484 | 13,795 | 287 | 2,126 | 683 | 464 | 197 | 1,414 | 18,076 | 73,526 | 6,094 | 19,888 | 20,175 |
| November | 37,042 | 10,104 | 166 | 2,555 | 661 | 475 | 187 | 1,410 | 18,100 | 70,700 | 4,958 | 15,062 | 15,229 |
| December | 38,371 | 9,093 | 107 | 2,584 | 732 | 504 | 211 | 1,413 | 19,336 | 72,350 | 4,489 | 13,582 | 13,689 |
| Year 2024 | | | | | | | | | | | | | |
| January | 34,976 | 9,572 | 79 | 2,821 | 672 | 468 | 182 | 1,368 | 21,237 | 71,375 | 4,782 | 14,355 | 14,434 |
| February | 41,626 | 12,269 | 119 | 2,468 | 635 | 422 | 172 | 1,269 | 19,597 | 78,577 | 5,417 | 17,686 | 17,806 |
| March | 45,879 | 15,446 | 221 | 2,500 | 630 | 422 | 187 | 1,240 | 22,945 | 89,471 | 7,131 | 22,577 | 22,799 |
| April | 47,689 | 18,606 | 332 | 2,446 | 608 | 409 | 164 | 1,292 | 19,190 | 90,737 | 7,909 | 26,515 | 26,847 |
| May | 38,936 | 21,636 | 414 | 2,659 | 659 | 470 | 178 | 1,225 | 21,963 | 88,139 | 8,592 | 30,228 | 30,642 |
| Year to Date | | | | | | | | | | | | | |
| 2022 | 206,382 | 55,827 | 1,239 | 14,578 | 3,643 | 2,362 | 871 | 6,608 | 113,379 | 404,891 | 24,121 | 79,949 | 81,188 |
| 2023 | 201,114 | 60,118 | 942 | 13,356 | 3,470 | 2,239 | 914 | 6,958 | 106,088 | 395,199 | 28,723 | 88,842 | 89,783 |
| 2024 | 209,105 | 77,530 | 1,167 | 12,893 | 3,204 | 2,191 | 883 | 6,394 | 104,932 | 418,299 | 33,831 | 111,361 | 112,528 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | | |
| 2023 | 429,029 | 145,088 | 2,702 | 34,241 | 8,361 | 5,653 | 2,115 | 16,436 | 247,497 | 891,125 | 65,885 | 210,973 | 213,675 |
| 2024 | 433,226 | 179,063 | 3,075 | 30,977 | 8,019 | 5,539 | 2,122 | 15,898 | 238,699 | 916,617 | 78,727 | 257,790 | 260,865 |

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 2022 and prior years are final. Values for 2023 and 2024 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.
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.2.A. Net Generation by Energy Source: Electric Utilities, 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Period | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gas | Nuclear | Hydroelectric Conventional | Solar | Renewable Sources Excluding Hydroelectric and Solar | Hydroelectric Pumped Storage | Other | Total |
| Annual Totals | | | | | | | | | | | | |
| 2014 | 1,173,073 | 10,696 | 9,147 | 501,440 | 112 | 419,871 | 238,185 | 1,218 | 33,278 | -5,144 | 622 | 2,382,500 |
| 2015 | 998,385 | 10,386 | 8,278 | 619,003 | 199 | 416,680 | 229,640 | 1,494 | 35,992 | -4,105 | 558 | 2,316,508 |
| 2016 | 922,399 | 9,069 | 8,881 | 655,744 | 154 | 424,400 | 247,787 | 1,995 | 40,666 | -5,629 | 421 | 2,305,887 |
| 2017 | 893,639 | 8,567 | 6,711 | 625,094 | 149 | 424,485 | 275,677 | 3,348 | 42,763 | -5,448 | 553 | 2,275,539 |
| 2018 | 863,505 | 10,108 | 6,817 | 722,916 | 151 | 424,251 | 267,336 | 4,916 | 44,184 | -4,785 | 561 | 2,339,960 |
| 2019 | 722,885 | 8,313 | 5,112 | 787,745 | 154 | 430,672 | 262,364 | 6,785 | 48,403 | -4,261 | 551 | 2,268,723 |
| 2020 | 582,374 | 7,182 | 5,663 | 815,414 | 45 | 428,953 | 264,650 | 9,945 | 59,797 | -4,326 | 618 | 2,170,316 |
| 2021 | 674,804 | 8,791 | 5,728 | 777,057 | 12 | 430,683 | 228,689 | 13,911 | 75,338 | -3,876 | 508 | 2,211,643 |
| 2022 | 621,853 | 9,356 | 5,383 | 832,421 | 0 | 427,933 | 232,953 | 17,697 | 86,233 | -4,752 | 534 | 2,229,611 |
| 2023 | 518,486 | 8,424 | 3,146 | 890,860 | 0 | 441,855 | 217,052 | 21,893 | 78,985 | -4,546 | 277 | 2,176,432 |
| Year 2022 | | | | | | | | | | | | |
| January | 63,823 | 1,254 | 388 | 66,875 | 0 | 39,295 | 22,395 | 1,066 | 8,258 | -420 | 58 | 202,990 |
| February | 50,911 | 629 | 453 | 55,560 | 0 | 34,300 | 19,408 | 1,188 | 7,998 | -301 | 51 | 170,198 |
| March | 43,015 | 691 | 324 | 54,831 | 0 | 34,385 | 21,943 | 1,533 | 8,561 | -214 | 55 | 165,124 |
| April | 40,123 | 548 | 361 | 51,428 | 0 | 30,252 | 17,583 | 1,714 | 8,652 | -164 | 43 | 150,540 |
| May | 47,965 | 639 | 503 | 62,462 | 0 | 35,037 | 21,195 | 1,850 | 7,488 | -375 | 53 | 176,816 |
| June | 56,910 | 652 | 545 | 79,183 | 0 | 36,908 | 24,296 | 1,837 | 6,114 | -460 | 40 | 206,025 |
| July | 66,631 | 678 | 388 | 95,306 | 0 | 38,888 | 23,132 | 1,812 | 5,104 | -623 | 40 | 231,356 |
| August | 64,386 | 661 | 421 | 93,582 | 0 | 38,921 | 19,778 | 1,718 | 4,893 | -495 | 36 | 223,901 |
| Sept | 49,704 | 680 | 480 | 75,975 | 0 | 35,914 | 15,593 | 1,490 | 5,846 | -493 | 33 | 185,223 |
| October | 41,060 | 676 | 440 | 64,375 | 0 | 32,085 | 12,963 | 1,460 | 6,736 | -370 | 46 | 159,472 |
| November | 41,209 | 673 | 446 | 63,004 | 0 | 33,612 | 16,315 | 1,046 | 8,593 | -398 | 40 | 164,538 |
| December | 56,116 | 1,575 | 636 | 69,839 | 0 | 38,335 | 18,352 | 982 | 7,992 | -437 | 39 | 193,428 |
| Year 2023 | | | | | | | | | | | | |
| January | 47,811 | 758 | 265 | 67,699 | 0 | 40,507 | 19,890 | 1,191 | 7,060 | -498 | 22 | 184,704 |
| February | 34,798 | 698 | 257 | 59,842 | 0 | 34,281 | 16,851 | 1,441 | 8,202 | -359 | 16 | 156,027 |
| March | 37,662 | 698 | 166 | 64,884 | 0 | 36,091 | 18,020 | 1,888 | 8,068 | -389 | 17 | 167,105 |
| April | 29,039 | 648 | 176 | 59,884 | 0 | 33,574 | 15,689 | 1,946 | 8,514 | -191 | 15 | 149,295 |
| May | 32,552 | 659 | 166 | 70,535 | 0 | 34,877 | 25,405 | 2,287 | 6,224 | -336 | 21 | 172,390 |
| June | 46,214 | 693 | 257 | 81,374 | 0 | 37,151 | 18,123 | 2,245 | 4,595 | -420 | 31 | 190,264 |
| July | 62,906 | 683 | 484 | 100,499 | 0 | 39,977 | 19,302 | 2,296 | 4,450 | -519 | 29 | 230,107 |
| August | 61,741 | 751 | 491 | 101,984 | 0 | 40,065 | 19,166 | 2,281 | 5,182 | -499 | 34 | 231,196 |
| Sept | 46,722 | 667 | 441 | 81,260 | 0 | 37,575 | 14,755 | 1,948 | 5,204 | -415 | 26 | 188,183 |
| October | 38,858 | 716 | 176 | 69,048 | 0 | 34,541 | 16,075 | 1,849 | 6,847 | -294 | 19 | 167,834 |
| November | 37,367 | 710 | 100 | 63,102 | 0 | 34,719 | 16,448 | 1,376 | 7,491 | -245 | 21 | 161,091 |
| December | 42,816 | 743 | 167 | 70,749 | 0 | 38,497 | 17,327 | 1,144 | 7,148 | -380 | 25 | 178,236 |
| Year 2024 | | | | | | | | | | | | |
| January | 58,497 | 1,035 | 200 | 78,218 | 0 | 39,090 | 18,851 | 1,262 | 6,562 | -292 | 20 | 203,444 |
| February | 34,822 | 595 | 91 | 64,428 | 0 | 36,601 | 17,493 | 1,939 | 7,494 | -268 | 12 | 163,207 |
| March | 31,015 | 611 | 40 | 64,927 | 0 | 35,957 | 20,529 | 2,277 | 8,736 | -213 | 6 | 163,884 |
| April | 28,379 | 619 | 137 | 61,078 | 0 | 31,895 | 17,149 | 2,917 | 9,367 | -231 | 4 | 151,314 |
| May | 36,011 | 674 | 168 | 74,764 | 0 | 36,822 | 19,842 | 3,208 | 7,578 | -152 | 14 | 178,930 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 245,837 | 3,761 | 2,028 | 291,156 | 0 | 173,270 | 102,524 | 7,352 | 40,956 | -1,474 | 259 | 865,669 |
| 2023 | 181,862 | 3,461 | 1,031 | 322,843 | 0 | 179,330 | 95,855 | 8,754 | 38,068 | -1,774 | 92 | 829,522 |
| 2024 | 188,725 | 3,535 | 635 | 343,416 | 0 | 180,365 | 93,864 | 11,602 | 39,738 | -1,157 | 56 | 860,780 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 557,878 | 9,055 | 4,385 | 864,108 | 0 | 433,994 | 226,284 | 19,099 | 83,345 | -5,051 | 366 | 2,193,463 |
| 2024 | 525,350 | 8,498 | 2,751 | 911,433 | 0 | 442,890 | 215,061 | 24,741 | 80,654 | -3,929 | 242 | 2,207,690 |

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, hydrogen 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.
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, 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 2022 and prior years are final. Values for 2023 and 2024 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.B Net Generation by Energy Source: Independent Power Producers, 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Period | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gas | Nuclear | Hydroelectric Conventional | Solar | Renewable Sources Excluding Hydroelectric and Solar | Hydroelectric Pumped Storage | Other | Total |
| Annual Totals | | | | | | | | | | | | |
| 2014 | 395,701 | 6,789 | 1,410 | 531,758 | 3,246 | 377,295 | 19,861 | 16,086 | 196,723 | -1,030 | 6,622 | 1,554,462 |
| 2015 | 342,608 | 6,240 | 1,601 | 619,839 | 3,517 | 380,498 | 17,996 | 22,962 | 202,858 | -987 | 6,765 | 1,603,898 |
| 2016 | 307,263 | 3,360 | 1,401 | 624,600 | 3,758 | 381,294 | 18,539 | 33,502 | 233,553 | -1,057 | 6,876 | 1,613,090 |
| 2017 | 304,198 | 3,281 | 1,480 | 572,919 | 3,978 | 380,465 | 23,034 | 49,376 | 258,962 | -1,047 | 6,439 | 1,603,086 |
| 2018 | 278,668 | 5,487 | 1,516 | 645,616 | 3,935 | 382,833 | 23,812 | 58,337 | 275,154 | -1,119 | 6,677 | 1,680,917 |
| 2019 | 235,847 | 2,669 | 1,125 | 692,113 | 3,883 | 378,738 | 24,288 | 64,480 | 290,343 | -1,000 | 7,138 | 1,699,625 |
| 2020 | 185,328 | 1,984 | 1,504 | 706,885 | 3,129 | 360,925 | 19,409 | 78,567 | 319,633 | -995 | 6,971 | 1,683,340 |
| 2021 | 217,636 | 2,378 | 1,413 | 699,547 | 3,292 | 348,961 | 21,702 | 100,612 | 344,784 | -1,235 | 6,449 | 1,745,538 |
| 2022 | 204,243 | 5,734 | 1,354 | 750,266 | 3,451 | 343,604 | 20,673 | 125,155 | 387,590 | -1,276 | 3,487 | 1,844,282 |
| 2023 | 152,214 | 2,597 | 1,429 | 804,399 | 3,234 | 333,492 | 21,660 | 141,592 | 383,558 | -1,351 | 3,082 | 1,845,906 |
| Year 2022 | | | | | | | | | | | | |
| January | 23,291 | 1,778 | 144 | 58,734 | 292 | 31,282 | 1,702 | 6,707 | 32,672 | -73 | 337 | 156,865 |
| February | 19,627 | 438 | 131 | 51,382 | 251 | 27,552 | 1,808 | 7,781 | 32,824 | -111 | 276 | 141,960 |
| March | 17,526 | 222 | 145 | 49,110 | 270 | 28,768 | 2,358 | 10,085 | 37,718 | -103 | 307 | 146,406 |
| April | 14,792 | 154 | 137 | 46,169 | 291 | 25,037 | 2,360 | 11,598 | 40,541 | -101 | 296 | 141,274 |
| May | 14,096 | 149 | 58 | 56,228 | 365 | 28,345 | 2,054 | 13,172 | 37,838 | -92 | 289 | 152,501 |
| June | 16,076 | 192 | 108 | 67,698 | 281 | 28,807 | 1,601 | 14,109 | 30,941 | -129 | 309 | 159,993 |
| July | 19,305 | 311 | 71 | 84,262 | 342 | 29,969 | 1,357 | 13,851 | 27,884 | -146 | 312 | 177,519 |
| August | 20,347 | 295 | 124 | 85,697 | 277 | 29,976 | 1,272 | 12,685 | 23,314 | -145 | 298 | 174,141 |
| Sept | 14,860 | 210 | 140 | 72,435 | 306 | 27,819 | 1,354 | 11,709 | 24,739 | -105 | 275 | 153,744 |
| October | 12,745 | 228 | 136 | 60,642 | 276 | 26,860 | 1,338 | 10,406 | 29,126 | -64 | 255 | 141,947 |
| November | 14,768 | 190 | 84 | 55,774 | 236 | 28,430 | 1,504 | 7,299 | 35,838 | -97 | 252 | 144,278 |
| December | 16,810 | 1,566 | 76 | 62,134 | 264 | 30,759 | 1,966 | 5,753 | 34,153 | -111 | 284 | 153,653 |
| Year 2023 | | | | | | | | | | | | |
| January | 13,044 | 175 | NM | 61,059 | 285 | 30,363 | 2,283 | 6,739 | 35,748 | -113 | 297 | 149,992 |
| February | 11,317 | 380 | NM | 55,673 | 239 | 26,526 | 1,733 | 7,752 | 37,025 | -89 | 270 | 140,879 |
| March | 12,026 | 221 | 121 | 58,486 | 261 | 26,730 | 2,073 | 10,175 | 39,619 | -122 | 278 | 149,867 |
| April | 10,741 | 199 | 104 | 52,925 | 171 | 23,088 | 1,702 | 12,720 | 37,340 | -91 | 234 | 139,133 |
| May | 10,911 | 202 | 100 | 58,959 | 282 | 26,596 | 1,928 | 14,535 | 29,038 | -114 | 288 | 142,726 |
| June | 11,103 | 165 | 103 | 71,414 | 242 | 27,814 | 1,260 | 15,283 | 26,013 | -123 | 273 | 153,549 |
| July | 15,809 | 237 | 183 | 90,570 | 292 | 29,910 | 1,804 | 16,473 | 26,722 | -129 | 257 | 182,127 |
| August | 16,060 | 193 | 179 | 88,375 | 344 | 29,679 | 1,858 | 15,430 | 26,672 | -145 | 247 | 178,891 |
| Sept | 12,903 | 211 | 166 | 74,933 | 277 | 27,985 | 1,633 | 13,525 | 26,055 | -129 | 214 | 157,773 |
| October | 11,729 | 214 | 118 | 63,130 | 246 | 26,862 | 1,911 | 12,154 | 32,457 | -77 | 224 | 148,968 |
| November | 13,504 | 206 | 90 | 63,154 | 277 | 27,538 | 1,563 | 8,816 | 32,545 | -94 | 243 | 147,844 |
| December | 13,068 | 193 | 100 | 65,722 | 317 | 30,401 | 1,911 | 7,989 | 34,323 | -126 | 257 | 154,156 |
| Year 2024 | | | | | | | | | | | | |
| January | 16,747 | 390 | 95 | 72,328 | 286 | 29,990 | 2,274 | 8,324 | 31,629 | -119 | 238 | 162,181 |
| February | 8,861 | 126 | 93 | 57,864 | 219 | 27,983 | 2,002 | 10,363 | 36,967 | -128 | 211 | 144,563 |
| March | 6,934 | 161 | 94 | 56,850 | 200 | 27,389 | 2,306 | 13,285 | 39,905 | -128 | 199 | 147,194 |
| April | 8,526 | 206 | 85 | 52,840 | 230 | 25,432 | 1,944 | 15,909 | 41,055 | -99 | 164 | 146,292 |
| May | 9,959 | 196 | 73 | 60,499 | 188 | 28,151 | 2,016 | 18,715 | 34,276 | -140 | 250 | 154,183 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 89,332 | 2,741 | 615 | 261,623 | 1,470 | 140,984 | 10,282 | 49,342 | 181,594 | -481 | 1,504 | 739,007 |
| 2023 | 58,037 | 1,178 | 490 | 287,101 | 1,239 | 133,303 | 9,719 | 51,921 | 178,770 | -528 | 1,367 | 722,597 |
| 2024 | 51,028 | 1,080 | 439 | 300,381 | 1,123 | 138,944 | 10,541 | 66,596 | 183,833 | -614 | 1,062 | 754,414 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 172,948 | 4,171 | NM | 775,744 | 3,220 | 335,922 | 20,110 | 127,734 | 384,766 | -1,323 | 3,350 | 1,827,872 |
| 2024 | 145,204 | 2,500 | 1,378 | 817,679 | 3,119 | 339,133 | 22,483 | 156,267 | 388,621 | -1,437 | 2,777 | 1,877,723 |

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, hydrogen 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.
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, 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 2022 and prior years are final. Values for 2023 and 2024 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.C. Net Generation by Energy Source: Commercial Sector, 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | | | Small Scale Generation | Net Generation From Utility and Small Scale Facilities | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Period | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gas | Nuclear | Hydroelectric Conventional | Solar | Renewable Sources Excluding Hydroelectric and Solar | Hydroelectric Pumped Storage | Other | Total Generation at Utility Scale Facilities | Estimated Solar Photovoltaic | Estimated Total Solar Photovoltaic | Estimated Total Solar |
| Annual Totals | | | | | | | | | | | | | | | |
| 2014 | 595 | 247 | 9 | 7,227 | 0 | 0 | 38 | 371 | 2,862 | 0 | 1,171 | 12,520 | 5,146 | 5,516 | 5,516 |
| 2015 | 509 | 183 | 8 | 7,471 | 0 | 0 | 35 | 416 | 2,803 | 0 | 1,170 | 12,595 | 5,689 | 6,106 | 6,106 |
| 2016 | 383 | 77 | 6 | 7,730 | 0 | 0 | 217 | 529 | 2,697 | 0 | 1,068 | 12,706 | 6,158 | 6,687 | 6,687 |
| 2017 | 329 | 103 | 8 | 8,042 | 0 | 0 | 240 | 521 | 2,729 | 0 | 1,088 | 13,060 | 7,685 | 8,206 | 8,206 |
| 2018 | 303 | 132 | 7 | 8,419 | 0 | 0 | 227 | 525 | 2,688 | 0 | 1,010 | 13,312 | 9,798 | 10,324 | 10,324 |
| 2019 | 268 | 116 | 5 | 8,610 | 0 | 0 | 188 | 587 | 2,840 | 0 | 1,076 | 13,689 | 11,002 | 11,588 | 11,588 |
| 2020 | 240 | 97 | 2 | 8,110 | 0 | 0 | 214 | 586 | 2,761 | 0 | 1,035 | 13,046 | 12,859 | 13,445 | 13,445 |
| 2021 | 280 | 94 | 4 | 7,346 | 0 | 0 | 258 | 598 | 2,978 | 0 | 1,209 | 12,768 | 15,124 | 15,722 | 15,722 |
| 2022 | 287 | 101 | 10 | 7,830 | 0 | 0 | 263 | 669 | 4,185 | 0 | 3,391 | 16,737 | 17,724 | 18,393 | 18,393 |
| 2023 | 200 | 70 | 2 | 8,370 | 0 | 0 | 238 | 690 | 3,908 | 0 | 3,198 | 16,675 | 19,470 | 20,161 | 20,161 |
| Year 2022 | | | | | | | | | | | | | | | |
| January | 29 | 23 | 1 | 655 | 0 | 0 | 24 | 36 | 358 | 0 | 276 | 1,403 | 1,012 | 1,048 | 1,048 |
| February | 19 | 6 | 1 | 563 | 0 | 0 | 21 | 42 | 324 | 0 | 254 | 1,232 | 1,116 | 1,158 | 1,158 |
| March | 18 | 5 | 1 | 606 | 0 | 0 | 24 | 56 | 346 | 0 | 271 | 1,328 | 1,521 | 1,576 | 1,576 |
| April | 13 | 6 | 1 | 559 | 0 | 0 | 21 | 66 | 349 | 0 | 295 | 1,308 | 1,662 | 1,728 | 1,728 |
| May | 10 | 6 | 1 | 611 | 0 | 0 | 26 | 71 | 358 | 0 | 298 | 1,381 | 1,816 | 1,887 | 1,887 |
| June | 27 | 8 | 1 | 672 | 0 | 0 | 27 | 74 | 354 | 0 | 291 | 1,455 | 1,819 | 1,893 | 1,893 |
| July | 26 | 7 | 1 | 807 | 0 | 0 | 26 | 72 | 359 | 0 | 294 | 1,592 | 1,894 | 1,966 | 1,966 |
| August | 29 | 8 | 0 | 822 | 0 | 0 | 22 | 69 | 360 | 0 | 286 | 1,595 | 1,801 | 1,871 | 1,871 |
| Sept | 30 | 5 | 0 | 696 | 0 | 0 | 18 | 61 | 335 | 0 | 272 | 1,417 | 1,608 | 1,668 | 1,668 |
| October | 28 | 5 | 0 | 571 | 0 | 0 | 15 | 52 | 345 | 0 | 284 | 1,300 | 1,383 | 1,435 | 1,435 |
| November | 28 | 6 | 1 | 601 | 0 | 0 | 18 | 40 | 350 | 0 | 286 | 1,330 | 1,086 | 1,126 | 1,126 |
| December | 30 | 18 | 1 | 668 | 0 | 0 | 20 | 29 | 347 | 0 | 284 | 1,397 | 1,007 | 1,037 | 1,037 |
| Year 2023 | | | | | | | | | | | | | | | |
| January | 22 | 8 | 1 | 664 | 0 | 0 | 23 | 35 | 341 | 0 | 271 | 1,365 | 1,105 | 1,140 | 1,140 |
| February | 20 | 8 | 0 | 619 | 0 | 0 | 20 | 39 | 294 | 0 | 231 | 1,231 | 1,231 | 1,270 | 1,270 |
| March | 16 | 7 | 0 | 651 | 0 | 0 | NM | 56 | 309 | 0 | 241 | 1,300 | 1,658 | 1,713 | 1,713 |
| April | 20 | NM | 0 | 599 | 0 | 0 | NM | 60 | 298 | 0 | 235 | 1,233 | 1,838 | 1,898 | 1,898 |
| May | 18 | NM | 0 | 624 | 0 | 0 | NM | 70 | 324 | 0 | 272 | 1,345 | 2,002 | 2,073 | 2,073 |
| June | NM | 4 | 0 | 727 | 0 | 0 | NM | 68 | 337 | 0 | 282 | 1,447 | 1,995 | 2,063 | 2,063 |
| July | 12 | 6 | 0 | 820 | 0 | 0 | NM | 74 | 343 | 0 | 290 | 1,566 | 2,073 | 2,147 | 2,147 |
| August | 11 | 5 | 0 | 820 | 0 | 0 | NM | 71 | 336 | 0 | 278 | 1,542 | 1,976 | 2,047 | 2,047 |
| Sept | 14 | 5 | 0 | 765 | 0 | 0 | NM | 60 | 311 | 0 | 258 | 1,427 | 1,764 | 1,824 | 1,824 |
| October | 19 | 5 | 0 | 673 | 0 | 0 | NM | 52 | 328 | 0 | 272 | 1,364 | 1,526 | 1,579 | 1,579 |
| November | 18 | 6 | 0 | 678 | 0 | 0 | 17 | 59 | 337 | 0 | 278 | 1,393 | 1,202 | 1,261 | 1,261 |
| December | 21 | 7 | 1 | 729 | 0 | 0 | NM | 46 | 350 | 0 | 289 | 1,462 | 1,101 | 1,147 | 1,147 |
| Year 2024 | | | | | | | | | | | | | | | |
| January | 30 | 11 | 1 | 751 | 0 | 0 | 21 | 44 | 344 | 0 | 278 | 1,481 | 1,206 | 1,251 | 1,251 |
| February | 20 | 5 | 0 | 692 | 0 | 0 | NM | 59 | 303 | 0 | 247 | 1,346 | 1,396 | 1,455 | 1,455 |
| March | 18 | 6 | 0 | 725 | 0 | 0 | NM | 69 | 305 | 0 | 244 | 1,390 | 1,847 | 1,916 | 1,916 |
| April | 13 | 7 | 0 | 603 | 0 | 0 | NM | 68 | 302 | 0 | 247 | 1,258 | 2,029 | 2,097 | 2,097 |
| May | NM | 5 | 1 | 684 | 0 | 0 | NM | 77 | 332 | 0 | 279 | 1,406 | 2,255 | 2,332 | 2,332 |
| Year to Date | | | | | | | | | | | | | | | |
| 2022 | 90 | 46 | 6 | 2,994 | 0 | 0 | 116 | 271 | 1,735 | 0 | 1,393 | 6,652 | 7,126 | 7,397 | 7,397 |
| 2023 | 96 | 32 | 1 | 3,158 | 0 | 0 | 111 | 260 | 1,566 | 0 | 1,251 | 6,475 | 7,834 | 8,094 | 8,094 |
| 2024 | 85 | 34 | 2 | 3,456 | 0 | 0 | 106 | 317 | 1,585 | 0 | 1,295 | 6,880 | 8,733 | 9,050 | 9,050 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | | | | |
| 2023 | 293 | NM | 5 | 7,994 | 0 | 0 | NM | 658 | 4,016 | 0 | 3,248 | 16,561 | 18,431 | 19,089 | 19,089 |
| 2024 | NM | 71 | 3 | 8,668 | 0 | 0 | NM | 748 | 3,927 | 0 | 3,242 | 17,080 | 20,370 | 21,118 | 21,118 |

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, hydrogen 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.
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, 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 2022 and prior years are final. Values for 2023 and 2024 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.
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.2.D. Net Generation by Energy Source: Industrial Sector, 2014-May 2024
## (Thousand Megawatthours)

| | Generation at Utility Scale Facilities | | | | | | | | | | | | Small Scale Generation | Net Generation From Utility and Small Scale Facilities | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Period | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gas | Nuclear | Hydroelectric Conventional | Solar | Renewable Sources Excluding Hydroelectric and Solar | Hydroelectric Pumped Storage | Other | Total Generation at Utility Scale Facilities | Estimated Solar Photovoltaic | Estimated Total Solar Photovoltaic | Estimated Total Solar |
| Annual Totals | | | | | | | | | | | | | | | |
| 2014 | 12,341 | 544 | 1,389 | 86,209 | 8,664 | 0 | 1,282 | 16 | 28,659 | 0 | 4,978 | 144,083 | 1,139 | 1,156 | 1,156 |
| 2015 | 10,896 | 563 | 990 | 88,355 | 9,401 | 0 | 1,410 | 21 | 28,614 | 0 | 5,462 | 145,712 | 1,451 | 1,472 | 1,472 |
| 2016 | 9,103 | 503 | 909 | 91,197 | 8,895 | 0 | 1,269 | 27 | 28,663 | 0 | 5,324 | 145,890 | 2,060 | 2,087 | 2,087 |
| 2017 | 7,669 | 463 | 776 | 91,647 | 8,343 | 0 | 1,382 | 42 | 28,508 | 0 | 4,928 | 143,758 | 2,364 | 2,406 | 2,406 |
| 2018 | 7,011 | 517 | 640 | 94,892 | 9,377 | 0 | 1,149 | 47 | 28,440 | 0 | 4,725 | 146,798 | 2,636 | 2,683 | 2,683 |
| 2019 | 5,957 | 424 | 576 | 100,065 | 8,554 | 0 | 1,033 | 85 | 27,276 | 0 | 4,567 | 148,537 | 3,041 | 3,127 | 3,127 |
| 2020 | 5,451 | 398 | 510 | 96,381 | 8,644 | 0 | 1,001 | 101 | 26,348 | 0 | 4,231 | 143,064 | 3,484 | 3,586 | 3,586 |
| 2021 | 5,278 | 400 | 367 | 95,240 | 8,093 | 0 | 936 | 137 | 25,324 | 0 | 3,975 | 139,750 | 3,858 | 3,994 | 3,994 |
| 2022 | 5,128 | 614 | 379 | 96,550 | 8,271 | 0 | 899 | 276 | 24,224 | 0 | 3,702 | 140,043 | 4,048 | 4,324 | 4,324 |
| 2023 | 4,364 | 503 | 301 | 98,433 | 8,217 | 0 | 904 | 326 | 22,711 | 0 | 3,398 | 139,157 | 4,414 | 4,741 | 4,741 |
| Year 2022 | | | | | | | | | | | | | | | |
| January | 445 | 51 | 31 | 8,683 | 713 | 0 | 77 | 13 | 2,137 | 0 | 359 | 12,508 | 230 | 243 | 243 |
| February | 409 | NM | 36 | 7,440 | 635 | 0 | 83 | 15 | 1,944 | 0 | 319 | 10,921 | 244 | 259 | 259 |
| March | 459 | 41 | 30 | 7,931 | 683 | 0 | 111 | 21 | 2,051 | 0 | 347 | 11,673 | 348 | 369 | 369 |
| April | 402 | 42 | 28 | 7,350 | 630 | 0 | 102 | 24 | 1,986 | 0 | 308 | 10,871 | 377 | 401 | 401 |
| May | 461 | 40 | 35 | 7,792 | 671 | 0 | 84 | 28 | 2,043 | 0 | 332 | 11,485 | 413 | 441 | 441 |
| June | 450 | 45 | 29 | 7,964 | 706 | 0 | 63 | 32 | 2,053 | 0 | 319 | 11,661 | 413 | 446 | 446 |
| July | 453 | 48 | 28 | 8,667 | 741 | 0 | 53 | 31 | 2,152 | 0 | 336 | 12,510 | 426 | 458 | 458 |
| August | 453 | 38 | 31 | 8,759 | 731 | 0 | 61 | 30 | 2,091 | 0 | 303 | 12,498 | 411 | 441 | 441 |
| Sept | 404 | 47 | 29 | 7,842 | 680 | 0 | 60 | 26 | 1,919 | 0 | 265 | 11,272 | 368 | 395 | 395 |
| October | 396 | 43 | 33 | 7,903 | 692 | 0 | 51 | 24 | 1,828 | 0 | 260 | 11,230 | 333 | 357 | 357 |
| November | 372 | 43 | 38 | 8,144 | 675 | 0 | 62 | 18 | 1,998 | 0 | 287 | 11,635 | 256 | 273 | 273 |
| December | 425 | 137 | 31 | 8,075 | 714 | 0 | 92 | 13 | 2,023 | 0 | 270 | 11,779 | 229 | 242 | 242 |
| Year 2023 | | | | | | | | | | | | | | | |
| January | 398 | 54 | NM | 8,304 | 705 | 0 | 90 | 17 | 2,082 | 0 | 292 | 11,969 | 246 | 263 | 263 |
| February | 353 | 43 | NM | 7,794 | 673 | 0 | 77 | 19 | 1,853 | 0 | 284 | 11,122 | 261 | 281 | 281 |
| March | 353 | 50 | 35 | 8,187 | 700 | 0 | 85 | 26 | 1,934 | 0 | 277 | 11,647 | 374 | 399 | 399 |
| April | 342 | 42 | NM | 6,885 | 546 | 0 | 71 | 30 | 1,774 | 0 | 254 | 9,966 | 412 | 442 | 442 |
| May | 355 | 37 | 20 | 7,611 | 618 | 0 | 80 | 34 | 2,002 | 0 | 276 | 11,032 | 451 | 485 | 485 |
| June | 375 | 44 | NM | 8,312 | 652 | 0 | 63 | 34 | 1,839 | 0 | 262 | 11,603 | 451 | 485 | 485 |
| July | 394 | 41 | NM | 8,665 | 703 | 0 | 73 | 37 | 1,860 | 0 | 293 | 12,102 | 465 | 502 | 502 |
| August | 375 | 40 | NM | 8,817 | 807 | 0 | 74 | 34 | 1,937 | 0 | 296 | 12,413 | 446 | 480 | 480 |
| Sept | 362 | 36 | NM | 8,448 | 674 | 0 | 66 | 29 | 1,742 | 0 | 278 | 11,664 | 401 | 430 | 430 |
| October | 350 | 38 | 18 | 8,112 | 667 | 0 | NM | 26 | 1,737 | 0 | 307 | 11,330 | 364 | 391 | 391 |
| November | 341 | 38 | 17 | 8,325 | 721 | 0 | 71 | 19 | 1,956 | 0 | 288 | 11,776 | 287 | 306 | 306 |
| December | 366 | 39 | 21 | 8,973 | 750 | 0 | 79 | 21 | 1,994 | 0 | 291 | 12,534 | 256 | 276 | 276 |
| Year 2024 | | | | | | | | | | | | | | | |
| January | 387 | 56 | 21 | 9,153 | 743 | 0 | 90 | 21 | 1,952 | 0 | 269 | 12,693 | 268 | 289 | 289 |
| February | 352 | 49 | 15 | 8,005 | 561 | 0 | 83 | 28 | 1,827 | 0 | 245 | 11,164 | 299 | 327 | 327 |
| March | 393 | 37 | 17 | 7,920 | 523 | 0 | 88 | 37 | 1,912 | 0 | 244 | 11,171 | 407 | 445 | 445 |
| April | 305 | 42 | 17 | 7,920 | 509 | 0 | 78 | 44 | 1,885 | 0 | 233 | 11,032 | 443 | 487 | 487 |
| May | 353 | 39 | 19 | 7,969 | 565 | 0 | 83 | 50 | 1,939 | 0 | 262 | 11,280 | 480 | 531 | 531 |
| Year to Date | | | | | | | | | | | | | | | |
| 2022 | 2,176 | 214 | 160 | 39,196 | 3,331 | 0 | 457 | 101 | 10,161 | 0 | 1,663 | 57,459 | 1,612 | 1,712 | 1,712 |
| 2023 | 1,801 | 226 | 128 | 38,781 | 3,242 | 0 | 403 | 125 | 9,646 | 0 | 1,383 | 55,736 | 1,745 | 1,870 | 1,870 |
| 2024 | 1,790 | 223 | 89 | 40,968 | 2,901 | 0 | 421 | 180 | 9,514 | 0 | 1,253 | 57,339 | 1,897 | 2,078 | 2,078 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | | | | |
| 2023 | 4,753 | 626 | NM | 96,135 | 8,182 | 0 | 845 | 301 | 23,709 | 0 | 3,422 | 138,320 | 4,181 | 4,481 | 4,481 |
| 2024 | 4,353 | 500 | NM | 100,620 | 7,876 | 0 | NM | 382 | 22,578 | 0 | 3,268 | 140,760 | 4,567 | 4,949 | 4,949 |

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, hydrogen 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.
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, 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 2022 and prior years are final. Values for 2023 and 2024 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.
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.2.E. Net Generation by Energy Source: Residential Sector, 2014-May 2024
## (Thousand Megawatthours)

| | Small Scale Generation |
|---|---|
| **Period** | **Estimated Small Scale Solar Photovoltaic Generation** |
| Annual Totals | |
| 2014 | 4,947 |
| 2015 | 6,999 |
| 2016 | 10,595 |
| 2017 | 13,942 |
| 2018 | 17,105 |
| 2019 | 20,914 |
| 2020 | 25,179 |
| 2021 | 30,182 |
| 2022 | 39,510 |
| 2023 | 49,734 |
| Year 2022 | |
| January | 2,135 |
| February | 2,357 |
| March | 3,252 |
| April | 3,632 |
| May | 4,007 |
| June | 3,997 |
| July | 4,118 |
| August | 3,982 |
| Sept | 3,569 |
| October | 3,306 |
| November | 2,693 |
| December | 2,462 |
| Year 2023 | |
| January | 2,641 |
| February | 2,908 |
| March | 3,972 |
| April | 4,517 |
| May | 5,107 |
| June | 4,984 |
| July | 5,209 |
| August | 5,134 |
| Sept | 4,458 |
| October | 4,203 |
| November | 3,469 |
| December | 3,133 |
| Year 2024 | |
| January | 3,308 |
| February | 3,722 |
| March | 4,877 |
| April | 5,437 |
| May | 5,856 |
| Year to Date | |
| 2022 | 15,383 |
| 2023 | 19,145 |
| 2024 | 23,201 |
| Rolling 12 Months Ending in May | |
| 2023 | 43,272 |
| 2024 | 53,790 |

See Glossary for definitions. Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
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:
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.3.A. Utility Scale Facility Net Generation by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 7,916 | 7,043 | 12.4% | 104 | 108 | 7,495 | 6,624 | 166 | 148 | 150 | 163 |
| Connecticut | 3,408 | 2,560 | 33.1% | 7 | 7 | 3,324 | 2,487 | 18 | NM | 59 | 52 |
| Maine | 930 | 1,025 | -9.3% | NM | 0 | 862 | 935 | 4 | 4 | 64 | 87 |
| Massachusetts | 1,248 | 1,488 | -16.1% | 37 | 36 | 1,063 | 1,317 | 137 | 122 | 11 | 13 |
| New Hampshire | 1,431 | 1,100 | 30.1% | NM | NM | 1,424 | 1,094 | 3 | 3 | 2 | 1 |
| Rhode Island | 731 | 701 | 4.2% | 0 | 0 | 712 | 687 | 4 | NM | 14 | NM |
| Vermont | 168 | 169 | -0.3% | 59 | 64 | 109 | 105 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 34,171 | 32,330 | 5.7% | 3,016 | 2,888 | 30,364 | 28,717 | 360 | 332 | 431 | 394 |
| New Jersey | 4,420 | 5,428 | -18.6% | 26 | 26 | 4,234 | 5,255 | 108 | 101 | 51 | 47 |
| New York | 10,515 | 9,728 | 8.1% | 2,976 | 2,852 | 7,274 | 6,640 | 202 | 185 | 63 | 52 |
| Pennsylvania | 19,236 | 17,174 | 12.0% | 14 | 10 | 18,856 | 16,822 | 49 | 47 | 317 | 295 |
| East North Central | 47,136 | 43,467 | 8.4% | 15,787 | 14,605 | 30,374 | 27,945 | 142 | 140 | 833 | 777 |
| Illinois | 14,282 | 13,187 | 8.3% | 268 | 352 | 13,826 | 12,617 | 31 | 34 | 157 | 184 |
| Indiana | 6,715 | 6,332 | 6.0% | 3,887 | 3,861 | 2,437 | 2,124 | 20 | 23 | 370 | 324 |
| Michigan | 10,078 | 9,018 | 11.8% | 6,501 | 6,062 | 3,413 | 2,802 | 55 | 56 | 109 | 98 |
| Ohio | 10,606 | 10,325 | 2.7% | 944 | 942 | 9,563 | 9,299 | 26 | 18 | 73 | 66 |
| Wisconsin | 5,454 | 4,604 | 18.5% | 4,186 | 3,388 | 1,134 | 1,102 | 10 | 9 | 124 | 104 |
| West North Central | 28,337 | 27,009 | 4.9% | 20,097 | 19,586 | 7,785 | 7,022 | 44 | 45 | 411 | 356 |
| Iowa | 5,563 | 5,750 | -3.2% | 4,290 | 4,544 | 1,070 | 1,022 | 9 | 10 | 193 | 173 |
| Kansas | 4,587 | 4,251 | 7.9% | 2,283 | 2,358 | 2,259 | 1,855 | NM | NM | 43 | 36 |
| Minnesota | 4,781 | 4,336 | 10.3% | 3,381 | 2,826 | 1,265 | 1,388 | 15 | 18 | 120 | 104 |
| Missouri | 5,770 | 4,874 | 18.4% | 5,333 | 4,492 | 417 | 364 | 17 | 15 | 3 | 3 |
| Nebraska | 2,885 | 3,207 | -10.1% | 1,756 | 2,201 | 1,096 | 981 | 2 | 2 | 31 | 23 |
| North Dakota | 3,115 | 2,929 | 6.4% | 2,292 | 2,175 | 808 | 743 | 0 | 0 | 15 | NM |
| South Dakota | 1,635 | 1,662 | -1.6% | 761 | 989 | 869 | 668 | NM | NM | NM | NM |
| South Atlantic | 71,878 | 65,130 | 10.4% | 58,725 | 52,511 | 11,465 | 10,941 | 233 | 247 | 1,456 | 1,432 |
| Delaware | 274 | 322 | -15.0% | 8 | NM | 154 | 206 | NM | NM | 111 | 115 |
| District of Columbia | 16 | 18 | -7.8% | NM | NM | NM | 3 | 13 | 15 | 0 | 0 |
| Florida | 25,114 | 22,609 | 11.1% | 23,499 | 21,206 | 1,195 | 942 | 90 | 100 | 330 | 361 |
| Georgia | 12,587 | 11,620 | 8.3% | 10,273 | 9,251 | 1,880 | 1,963 | NM | NM | 434 | 405 |
| Maryland | 3,151 | 2,668 | 18.1% | 90 | 90 | 3,032 | 2,547 | 26 | 27 | 4 | 4 |
| North Carolina | 11,308 | 10,149 | 11.4% | 9,095 | 8,009 | 2,059 | 1,983 | 23 | 21 | 131 | 136 |
| South Carolina | 8,434 | 7,625 | 10.6% | 7,889 | 7,109 | 395 | 365 | 0 | 0 | 149 | 151 |
| Virginia | 6,701 | 6,276 | 6.8% | 4,609 | 4,565 | 1,827 | 1,442 | 80 | 82 | 187 | 187 |
| West Virginia | 4,292 | 3,844 | 11.7% | 3,263 | 2,281 | 920 | 1,490 | 0 | 0 | 110 | 73 |
| East South Central | 30,242 | 28,728 | 5.3% | 26,439 | 24,229 | 3,017 | 3,754 | 16 | 15 | 770 | 730 |
| Alabama | 11,850 | 11,493 | 3.1% | 8,988 | 7,868 | 2,475 | 3,230 | 0 | 0 | 387 | 395 |
| Kentucky | 5,600 | 5,027 | 11.4% | 5,474 | 4,931 | 80 | 52 | NM | NM | 46 | 43 |
| Mississippi | 6,741 | 5,650 | 19.3% | 6,311 | 5,202 | 279 | 301 | 0 | 0 | 152 | 146 |
| Tennessee | 6,050 | 6,559 | -7.8% | 5,666 | 6,228 | 184 | 170 | 16 | 15 | 185 | 145 |
| West South Central | 67,931 | 63,893 | 6.3% | 20,773 | 19,478 | 41,209 | 38,555 | 135 | 92 | 5,815 | 5,769 |
| Arkansas | 4,512 | 5,076 | -11.1% | 3,911 | 4,525 | 509 | 464 | NM | NM | 88 | 82 |
| Louisiana | 8,562 | 7,987 | 7.2% | 5,322 | 4,971 | 827 | 645 | NM | NM | 2,409 | 2,369 |
| Oklahoma | 7,814 | 7,014 | 11.4% | 3,944 | 3,147 | 3,799 | 3,801 | 0 | -2 | 72 | 67 |
| Texas | 47,044 | 43,817 | 7.4% | 7,597 | 6,835 | 36,074 | 33,644 | 127 | 86 | 3,246 | 3,252 |
| Mountain | 28,253 | 27,334 | 3.4% | 17,457 | 18,320 | 10,490 | 8,755 | 57 | 60 | 249 | 200 |
| Arizona | 8,709 | 8,443 | 3.2% | 6,133 | 6,246 | 2,559 | 2,180 | 15 | 14 | NM | NM |
| Colorado | 4,344 | 4,039 | 7.6% | 2,431 | 2,553 | 1,886 | 1,464 | 3 | 4 | 23 | 19 |
| Idaho | 1,246 | 1,463 | -14.9% | 706 | 1,006 | 489 | 420 | 6 | 6 | 45 | 31 |
| Montana | 1,584 | 2,024 | -21.7% | 790 | 1,131 | 793 | 891 | 0 | 0 | NM | NM |
| Nevada | 3,813 | 3,463 | 10.1% | 1,972 | 1,988 | 1,806 | 1,449 | 11 | 10 | 24 | 16 |
| New Mexico | 3,466 | 3,076 | 12.7% | 1,601 | 1,591 | 1,857 | 1,477 | NM | NM | 1 | 0 |
| Utah | 2,389 | 2,121 | 12.6% | 1,666 | 1,550 | 675 | 546 | 16 | 18 | 32 | 8 |
| Wyoming | 2,702 | 2,705 | -0.1% | 2,158 | 2,255 | 424 | 328 | 0 | 0 | 120 | 122 |
| Pacific Contiguous | 28,670 | 31,247 | -8.2% | 15,618 | 19,735 | 11,708 | 10,120 | 204 | 207 | 1,141 | 1,185 |
| California | 16,520 | 15,979 | 3.4% | 5,777 | 6,360 | 9,599 | 8,451 | 195 | 200 | 948 | 968 |
| Oregon | 4,274 | 5,244 | -18.5% | 2,677 | 3,979 | 1,535 | 1,203 | 7 | 7 | 55 | 56 |
| Washington | 7,877 | 10,024 | -21.4% | 7,163 | 9,397 | 574 | 466 | NM | NM | 137 | 160 |
| Pacific Noncontiguous | 1,264 | 1,311 | -3.6% | 914 | 931 | 277 | 294 | 49 | 60 | 24 | 26 |
| Alaska | 503 | 540 | -6.9% | 461 | 486 | NM | NM | NM | 34 | 6 | 6 |
| Hawaii | 761 | 771 | -1.3% | 453 | 445 | 260 | 281 | 29 | 26 | 19 | 19 |
| U.S. Total | 345,798 | 327,493 | 5.6% | 178,930 | 172,390 | 154,183 | 142,726 | 1,406 | 1,345 | 11,280 | 11,032 |

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

## Table 1.3.B. Utility Scale Facility Net Generation

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 41,617 | 38,355 | 8.5% | 620 | 607 | 39,263 | 35,997 | 897 | 840 | 838 | 912 |
| Connecticut | 17,326 | 16,247 | 6.6% | 40 | 34 | 16,863 | 15,839 | 125 | 110 | 298 | 264 |
| Maine | 5,262 | 4,766 | 10.4% | NM | NM | 4,846 | 4,232 | 17 | 22 | 398 | 512 |
| Massachusetts | 8,103 | 7,475 | 8.4% | 184 | 181 | 7,154 | 6,568 | 708 | 661 | 57 | 66 |
| New Hampshire | 7,175 | 5,950 | 20.6% | NM | NM | 7,129 | 5,906 | 27 | 27 | 13 | 11 |
| Rhode Island | 2,799 | 3,004 | -6.8% | 0 | 0 | 2,710 | 2,925 | 18 | 18 | 72 | 60 |
| Vermont | 952 | 914 | 4.2% | 389 | 386 | 561 | 527 | 1 | 1 | 0 | 0 |
| Middle Atlantic | 172,867 | 166,034 | 4.1% | 15,332 | 14,134 | 153,496 | 148,245 | 1,718 | 1,486 | 2,321 | 2,169 |
| New Jersey | 24,069 | 23,816 | 1.1% | 116 | 82 | 23,180 | 23,060 | 506 | 440 | 267 | 233 |
| New York | 52,127 | 47,058 | 10.8% | 15,145 | 14,000 | 35,638 | 31,907 | 970 | 819 | 374 | 333 |
| Pennsylvania | 96,672 | 95,160 | 1.6% | 71 | 51 | 94,678 | 93,278 | 242 | 228 | 1,680 | 1,603 |
| East North Central | 240,708 | 226,637 | 6.2% | 79,032 | 77,969 | 156,715 | 143,678 | 732 | 733 | 4,228 | 4,258 |
| Illinois | 74,200 | 69,512 | 6.7% | 1,648 | 1,352 | 71,538 | 67,047 | 179 | 185 | 835 | 929 |
| Indiana | 37,181 | 35,828 | 3.8% | 21,219 | 20,862 | 14,036 | 12,960 | 98 | 105 | 1,828 | 1,900 |
| Michigan | 47,595 | 48,746 | -2.4% | 29,424 | 32,241 | 17,298 | 15,669 | 296 | 297 | 577 | 539 |
| Ohio | 55,300 | 48,924 | 13.0% | 6,324 | 5,267 | 48,546 | 43,263 | 112 | 93 | 318 | 301 |
| Wisconsin | 26,431 | 23,627 | 11.9% | 20,417 | 18,247 | 5,296 | 4,739 | 47 | 53 | 670 | 588 |
| West North Central | 144,765 | 143,497 | 0.9% | 100,009 | 100,313 | 42,542 | 41,238 | 244 | 246 | 1,971 | 1,699 |
| Iowa | 29,490 | 30,319 | -2.7% | 22,448 | 23,662 | 6,080 | 5,841 | 61 | 60 | 901 | 756 |
| Kansas | 22,822 | 23,787 | -4.1% | 10,444 | 12,174 | 12,182 | 11,440 | NM | NM | 190 | 166 |
| Minnesota | 24,260 | 23,063 | 5.2% | 16,531 | 15,586 | 7,023 | 6,842 | 90 | 98 | 615 | 537 |
| Missouri | 26,649 | 25,610 | 4.1% | 23,881 | 22,605 | 2,671 | 2,910 | 78 | 73 | 19 | 22 |
| Nebraska | 15,679 | 16,357 | -4.1% | 9,817 | 10,221 | 5,707 | 6,000 | 8 | 8 | 146 | 127 |
| North Dakota | 17,587 | 17,158 | 2.5% | 13,134 | 12,614 | 4,387 | 4,482 | 0 | 0 | 66 | 62 |
| South Dakota | 8,278 | 7,204 | 14.9% | 3,754 | 3,452 | 4,491 | 3,723 | NM | NM | 33 | 29 |
| South Atlantic | 327,046 | 307,292 | 6.4% | 268,311 | 249,508 | 50,763 | 49,634 | 1,114 | 1,149 | 6,858 | 7,002 |
| Delaware | 1,478 | 1,664 | -11.2% | 11 | 5 | 1,013 | 1,132 | 2 | 3 | 452 | 525 |
| District of Columbia | 83 | 78 | 6.4% | NM | NM | 11 | 10 | 71 | 68 | 0 | 0 |
| Florida | 101,216 | 97,743 | 3.6% | 94,735 | 91,232 | 4,538 | 4,335 | 415 | 460 | 1,528 | 1,715 |
| Georgia | 55,503 | 49,331 | 12.5% | 45,148 | 39,514 | 8,291 | 7,839 | NM | NM | 2,062 | 1,976 |
| Maryland | 14,331 | 14,113 | 1.5% | 1,046 | 1,748 | 13,136 | 12,220 | 126 | 123 | 23 | 22 |
| North Carolina | 53,138 | 48,338 | 9.9% | 43,539 | 39,107 | 8,863 | 8,455 | 119 | 100 | 616 | 676 |
| South Carolina | 40,881 | 39,714 | 2.9% | 38,535 | 37,489 | 1,605 | 1,506 | 2 | 1 | 739 | 717 |
| Virginia | 39,788 | 35,104 | 13.3% | 29,824 | 26,958 | 8,672 | 6,864 | 377 | 392 | 916 | 891 |
| West Virginia | 20,628 | 21,208 | -2.7% | 15,473 | 13,455 | 4,634 | 7,273 | 0 | 0 | 520 | 480 |
| East South Central | 143,891 | 138,744 | 3.7% | 126,232 | 118,039 | 13,787 | 17,057 | 89 | 86 | 3,784 | 3,562 |
| Alabama | 55,901 | 54,555 | 2.5% | 42,276 | 37,868 | 11,697 | 14,825 | 0 | 0 | 1,929 | 1,862 |
| Kentucky | 26,529 | 24,338 | 9.0% | 26,029 | 23,950 | 258 | 164 | NM | NM | 241 | 222 |
| Mississippi | 29,047 | 28,490 | 2.0% | 27,314 | 26,377 | 1,002 | 1,355 | 0 | 0 | 731 | 759 |
| Tennessee | 32,415 | 31,362 | 3.4% | 30,614 | 29,844 | 831 | 712 | 88 | 85 | 883 | 720 |
| West South Central | 312,067 | 294,505 | 6.0% | 90,936 | 83,048 | 190,549 | 182,005 | 517 | 394 | 30,065 | 29,058 |
| Arkansas | 22,747 | 22,770 | -0.1% | 20,100 | 20,316 | 2,187 | 2,032 | NM | 21 | 439 | 400 |
| Louisiana | 38,276 | 35,468 | 7.9% | 23,695 | 21,700 | 2,770 | 2,242 | 33 | NM | 11,777 | 11,503 |
| Oklahoma | 37,471 | 34,387 | 9.0% | 16,189 | 12,802 | 20,927 | 21,247 | -2 | -10 | 357 | 348 |
| Texas | 213,574 | 201,881 | 5.8% | 30,952 | 28,231 | 164,666 | 156,483 | 465 | 360 | 17,491 | 16,807 |
| Mountain | 143,030 | 142,503 | 0.4% | 94,706 | 97,482 | 46,717 | 43,574 | 269 | 256 | 1,338 | 1,191 |
| Arizona | 41,164 | 40,156 | 2.5% | 31,982 | 31,680 | 9,108 | 8,408 | 65 | 57 | 10 | 10 |
| Colorado | 23,379 | 22,507 | 3.9% | 14,659 | 14,983 | 8,609 | 7,429 | 12 | 11 | 100 | 84 |
| Idaho | 6,660 | 6,418 | 3.8% | 3,935 | 3,908 | 2,457 | 2,263 | 29 | 29 | 239 | 218 |
| Montana | 10,252 | 10,949 | -6.4% | 3,841 | 4,235 | 6,405 | 6,704 | 0 | 0 | 6 | 10 |
| Nevada | 16,982 | 16,320 | 4.1% | 9,838 | 9,814 | 6,911 | 6,320 | 45 | 44 | 188 | 142 |
| New Mexico | 16,980 | 16,353 | 3.8% | 8,407 | 8,194 | 8,525 | 8,110 | 37 | 40 | 12 | 10 |
| Utah | 11,732 | 13,450 | -12.8% | 9,056 | 11,122 | 2,447 | 2,162 | 81 | 75 | 147 | 91 |
| Wyoming | 15,881 | 16,351 | -2.9% | 12,989 | 13,546 | 2,256 | 2,178 | 0 | 0 | 636 | 627 |
| Pacific Contiguous | 147,032 | 150,356 | -2.2% | 80,895 | 83,747 | 59,300 | 59,848 | 1,036 | 1,016 | 5,801 | 5,745 |
| California | 81,198 | 82,064 | -1.1% | 29,760 | 30,529 | 45,696 | 45,914 | 994 | 979 | 4,749 | 4,642 |
| Oregon | 25,372 | 25,271 | 0.4% | 16,170 | 16,845 | 8,883 | 8,122 | 33 | 33 | 286 | 271 |
| Washington | 40,462 | 43,022 | -5.9% | 34,965 | 36,373 | 4,721 | 5,812 | 9 | 5 | 767 | 832 |
| Pacific Noncontiguous | 6,389 | 6,406 | -0.3% | 4,708 | 4,675 | 1,282 | 1,323 | 264 | 269 | 135 | 139 |
| Alaska | 2,740 | 2,615 | 4.7% | 2,484 | 2,349 | 83 | 80 | 130 | 141 | 43 | 47 |
| Hawaii | 3,650 | 3,790 | -3.7% | 2,224 | 2,327 | 1,199 | 1,243 | 135 | 129 | 92 | 92 |
| U.S. Total | 1,679,413 | 1,614,330 | 4.0% | 860,780 | 829,522 | 754,414 | 722,597 | 6,880 | 6,475 | 57,339 | 55,736 |

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

## Table 1.4.A. Utility Scale Facility Net Generation from Coal by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 2 | 2 | -9.5% | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 2 | 2 | -9.5% | 0 | 0 | 2 | 2 | 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 | 563 | 818 | -31.2% | 0 | 0 | 555 | 810 | 0 | 0 | 8 | 8 |
| 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 | 563 | 818 | -31.2% | 0 | 0 | 555 | 810 | 0 | 0 | 8 | 8 |
| East North Central | 10,142 | 8,271 | 22.6% | 5,428 | 4,676 | 4,655 | 3,488 | 0 | 6 | 58 | 100 |
| Illinois | 2,054 | 1,864 | 10.2% | 57 | 111 | 1,953 | 1,663 | 0 | NM | 44 | 88 |
| Indiana | 2,487 | 2,586 | -3.8% | 2,183 | 2,273 | 305 | 309 | 0 | 4 | 0 | 0 |
| Michigan | 1,650 | 1,032 | 59.9% | 1,634 | 1,023 | 13 | 7 | 0 | 0 | NM | NM |
| Ohio | 2,578 | 1,780 | 44.9% | 193 | 271 | 2,385 | 1,509 | 0 | 0 | 0 | 0 |
| Wisconsin | 1,372 | 1,010 | 35.9% | 1,361 | 999 | 0 | 0 | 0 | 0 | NM | NM |
| West North Central | 8,339 | 8,644 | -3.5% | 8,161 | 8,486 | 0 | 0 | 0 | 0 | 178 | 158 |
| Iowa | 855 | 1,208 | -29.3% | 725 | 1,093 | 0 | 0 | 0 | 0 | 129 | 115 |
| Kansas | 954 | 876 | 8.8% | 954 | 876 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 560 | 689 | -18.7% | 551 | 678 | 0 | 0 | 0 | 0 | NM | NM |
| Missouri | 3,414 | 2,999 | 13.8% | 3,414 | 2,999 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 865 | 1,291 | -33.0% | 836 | 1,268 | 0 | 0 | 0 | 0 | 30 | 23 |
| North Dakota | 1,587 | 1,428 | 11.1% | 1,577 | 1,420 | 0 | 0 | 0 | 0 | NM | NM |
| South Dakota | 104 | 153 | -31.7% | 104 | 153 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 9,192 | 6,897 | 33.3% | 8,269 | 5,774 | 899 | 1,099 | 0 | 0 | 25 | 25 |
| Delaware | 8 | -2 | -437.7% | 0 | 0 | 8 | -2 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 705 | 680 | 3.8% | 704 | 676 | 0 | 0 | 0 | 0 | 1 | 4 |
| Georgia | 1,269 | 1,192 | 6.5% | 1,257 | 1,182 | 0 | 0 | 0 | 0 | 12 | 10 |
| Maryland | 398 | 4 | NM | 0 | 0 | 398 | 4 | 0 | 0 | 0 | 0 |
| North Carolina | 1,809 | 544 | 232.6% | 1,807 | 537 | 0 | 0 | 0 | 0 | 3 | 7 |
| South Carolina | 1,300 | 1,191 | 9.1% | 1,297 | 1,178 | 0 | 12 | 0 | 0 | 2 | 1 |
| Virginia | 48 | 70 | -30.9% | 42 | 67 | 0 | 0 | 0 | 0 | 6 | 3 |
| West Virginia | 3,654 | 3,219 | 13.5% | 3,161 | 2,134 | 492 | 1,085 | 0 | 0 | 0 | 0 |
| East South Central | 6,655 | 6,065 | 9.7% | 6,475 | 5,779 | 144 | 257 | 0 | 0 | 36 | 28 |
| Alabama | 1,821 | 1,389 | 31.1% | 1,821 | 1,389 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 3,594 | 3,207 | 12.1% | 3,594 | 3,207 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 253 | 252 | 0.2% | 109 | -5 | 144 | 257 | 0 | 0 | 0 | 0 |
| Tennessee | 988 | 1,217 | -18.8% | 952 | 1,189 | 0 | 0 | 0 | 0 | 36 | 28 |
| West South Central | 6,732 | 7,862 | -14.4% | 3,391 | 3,320 | 3,338 | 4,539 | 0 | 0 | 3 | 4 |
| Arkansas | 1,064 | 1,575 | -32.5% | 824 | 1,241 | 236 | 330 | 0 | 0 | 3 | 4 |
| Louisiana | 398 | 299 | 33.1% | 248 | 288 | 150 | 11 | 0 | 0 | 0 | 0 |
| Oklahoma | 411 | 279 | 47.4% | 411 | 279 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 4,859 | 5,709 | -14.9% | 1,907 | 1,511 | 2,952 | 4,198 | 0 | 0 | 0 | 0 |
| Mountain | 4,611 | 5,195 | -11.2% | 4,229 | 4,481 | 356 | 685 | 0 | 0 | 26 | 29 |
| Arizona | 489 | 513 | -4.8% | 489 | 513 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 777 | 1,119 | -30.6% | 777 | 1,119 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Montana | 234 | 567 | -58.7% | 0 | 0 | 234 | 567 | 0 | 0 | NM | NM |
| Nevada | 132 | 62 | 114.0% | 67 | 34 | 65 | 27 | 0 | 0 | 0 | 0 |
| New Mexico | 730 | 524 | 39.5% | 730 | 524 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 860 | 640 | 34.5% | 825 | 605 | 35 | 35 | 0 | 0 | 0 | 0 |
| Wyoming | 1,388 | 1,770 | -21.6% | 1,341 | 1,686 | 22 | 56 | 0 | 0 | 25 | 28 |
| Pacific Contiguous | 19 | 24 | -17.1% | 0 | 0 | 0 | 20 | 0 | 0 | 19 | 3 |
| California | 17 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 2 | 24 | -90.3% | 0 | 0 | 0 | 20 | 0 | 0 | 2 | 3 |
| Pacific Noncontiguous | 73 | 57 | 28.0% | 58 | 36 | NM | NM | NM | 11 | 0 | 0 |
| Alaska | 73 | 57 | 28.0% | 58 | 36 | NM | NM | NM | 11 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 46,328 | 43,835 | 5.7% | 36,011 | 32,552 | 9,959 | 10,911 | NM | 18 | 353 | 355 |

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

## Table 1.4.B. Utility Scale Facility Net Generation from Coal

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 49 | 122 | -59.9% | 0 | 0 | 49 | 122 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 13 | 22 | -37.5% | 0 | 0 | 13 | 22 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Hampshire | 35 | 100 | -64.7% | 0 | 0 | 35 | 100 | 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 | 5,410 | 5,366 | 0.8% | 0 | 0 | 5,377 | 5,326 | 0 | 0 | 33 | 41 |
| 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 | 5,410 | 5,366 | 0.8% | 0 | 0 | 5,377 | 5,326 | 0 | 0 | 33 | 41 |
| East North Central | 52,587 | 52,758 | -0.3% | 31,424 | 30,749 | 20,827 | 21,521 | 14 | 27 | 323 | 461 |
| Illinois | 10,316 | 10,365 | -0.5% | 470 | 460 | 9,584 | 9,497 | 4 | 7 | 257 | 402 |
| Indiana | 15,210 | 15,437 | -1.5% | 13,715 | 13,793 | 1,486 | 1,624 | 9 | 20 | 0 | 0 |
| Michigan | 7,818 | 8,795 | -11.1% | 7,744 | 8,669 | 64 | 122 | 0 | 0 | NM | NM |
| Ohio | 11,525 | 11,877 | -3.0% | 1,833 | 1,598 | 9,692 | 10,279 | 0 | 0 | 0 | 0 |
| Wisconsin | 7,719 | 6,283 | 22.8% | 7,662 | 6,230 | 0 | 0 | 0 | 0 | 56 | 54 |
| West North Central | 43,177 | 45,645 | -5.4% | 42,363 | 44,938 | 0 | 0 | 10 | 9 | 804 | 699 |
| Iowa | 3,950 | 5,241 | -24.6% | 3,382 | 4,762 | 0 | 0 | 1 | 6 | 567 | 472 |
| Kansas | 4,042 | 5,452 | -25.9% | 4,042 | 5,452 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 4,558 | 4,416 | 3.2% | 4,505 | 4,364 | 0 | 0 | 4 | 1 | 49 | 52 |
| Missouri | 14,922 | 14,871 | 0.3% | 14,917 | 14,869 | 0 | 0 | 6 | 2 | 0 | 0 |
| Nebraska | 5,727 | 6,399 | -10.5% | 5,586 | 6,272 | 0 | 0 | 0 | 0 | 141 | 127 |
| North Dakota | 9,353 | 8,810 | 6.2% | 9,307 | 8,762 | 0 | 0 | 0 | 0 | 46 | 48 |
| South Dakota | 625 | 458 | 36.5% | 625 | 458 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 41,537 | 37,065 | 12.1% | 37,940 | 31,206 | 3,452 | 5,677 | 9 | 2 | 135 | 180 |
| Delaware | 28 | -13 | -322.5% | 0 | 0 | 28 | -13 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 2,574 | 4,335 | -40.6% | 2,567 | 4,319 | 0 | 0 | 0 | 0 | 8 | 16 |
| Georgia | 6,572 | 4,860 | 35.2% | 6,504 | 4,805 | 0 | 0 | 0 | 0 | 68 | 55 |
| Maryland | 988 | 277 | 256.5% | 0 | 0 | 988 | 277 | 0 | 0 | 0 | 0 |
| North Carolina | 7,317 | 3,124 | 134.2% | 7,293 | 3,072 | 0 | 0 | 9 | 2 | 15 | 49 |
| South Carolina | 5,927 | 5,332 | 11.2% | 5,921 | 5,266 | 0 | 56 | 0 | 0 | 6 | 10 |
| Virginia | 693 | 818 | -15.3% | 654 | 769 | 0 | 0 | 0 | 0 | 39 | 49 |
| West Virginia | 17,436 | 18,331 | -4.9% | 15,001 | 12,974 | 2,435 | 5,357 | 0 | 0 | 0 | 0 |
| East South Central | 33,839 | 31,175 | 8.5% | 33,030 | 29,842 | 596 | 1,185 | 0 | 0 | 212 | 148 |
| Alabama | 8,210 | 7,176 | 14.4% | 8,210 | 7,176 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 18,490 | 16,782 | 10.2% | 18,490 | 16,782 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1,117 | 1,509 | -26.0% | 520 | 324 | 596 | 1,185 | 0 | 0 | 0 | 0 |
| Tennessee | 6,023 | 5,708 | 5.5% | 5,810 | 5,560 | 0 | 0 | 0 | 0 | 212 | 148 |
| West South Central | 32,033 | 31,695 | 1.1% | 16,667 | 14,553 | 15,340 | 17,118 | 0 | 0 | 25 | 24 |
| Arkansas | 5,855 | 5,351 | 9.4% | 4,757 | 3,933 | 1,084 | 1,402 | 0 | 0 | 14 | 16 |
| Louisiana | 1,785 | 983 | 81.6% | 1,302 | 972 | 483 | 11 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,920 | 1,132 | 69.6% | 1,908 | 1,123 | 0 | 0 | 0 | 0 | 12 | 8 |
| Texas | 22,473 | 24,230 | -7.3% | 8,700 | 8,524 | 13,773 | 15,706 | 0 | 0 | 0 | 0 |
| Mountain | 31,756 | 35,816 | -11.3% | 27,083 | 30,393 | 4,526 | 5,276 | 0 | 0 | 148 | 147 |
| Arizona | 3,708 | 3,907 | -5.1% | 3,708 | 3,907 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 5,974 | 6,864 | -13.0% | 5,974 | 6,864 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Montana | 3,704 | 4,611 | -19.7% | 0 | 0 | 3,702 | 4,609 | 0 | 0 | NM | NM |
| Nevada | 821 | 585 | 40.4% | 413 | 320 | 408 | 265 | 0 | 0 | 0 | 0 |
| New Mexico | 3,604 | 2,938 | 22.6% | 3,604 | 2,938 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 4,438 | 6,218 | -28.6% | 4,285 | 6,075 | 153 | 143 | 0 | 0 | 0 | 0 |
| Wyoming | 9,505 | 10,691 | -11.1% | 9,100 | 10,289 | 262 | 259 | 0 | 0 | 144 | 143 |
| Pacific Contiguous | 918 | 1,860 | -50.7% | 0 | 0 | 809 | 1,758 | 0 | 0 | 109 | 102 |
| California | 98 | 90 | 9.2% | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 90 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 819 | 1,770 | -53.7% | 0 | 0 | 809 | 1,758 | 0 | 0 | 10 | 12 |
| Pacific Noncontiguous | 322 | 292 | 10.4% | 219 | 180 | 52 | 54 | 52 | 58 | 0 | 0 |
| Alaska | 322 | 292 | 10.4% | 219 | 180 | 52 | 54 | 52 | 58 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 241,628 | 241,796 | -0.1% | 188,725 | 181,862 | 51,028 | 58,037 | 85 | 96 | 1,790 | 1,801 |

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

## Table 1.5.A. Utility Scale Facility Net Generation from Petroleum Liquids by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 12 | 39 | -68.8% | 2 | NM | NM | 36 | NM | NM | 2 | NM |
| Connecticut | NM | 36 | NM | 0 | 0 | NM | 36 | NM | NM | NM | NM |
| Maine | 3 | 1 | 188.7% | 0 | 0 | NM | 1 | 0 | 0 | 2 | NM |
| Massachusetts | 1 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| New Hampshire | NM | NM | NM | 0 | 0 | NM | NM | 0 | 1 | 0 | 0 |
| Rhode Island | NM | NM | NM | 0 | 0 | NM | NM | NM | NM | 0 | 0 |
| Vermont | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 15 | NM | NM | 6 | NM | NM | NM | NM | NM | 1 | 0 |
| New Jersey | NM | NM | NM | 0 | 0 | NM | NM | NM | NM | 0 | 0 |
| New York | 9 | NM | NM | 6 | NM | NM | NM | NM | NM | 0 | NM |
| Pennsylvania | NM | 1 | NM | NM | NM | NM | 0 | 0 | 1 | 1 | 0 |
| East North Central | 37 | 39 | -6.1% | 22 | 21 | 15 | 17 | NM | 0 | 0 | 1 |
| Illinois | 2 | 3 | -27.0% | 1 | 1 | 2 | 3 | NM | NM | 0 | 0 |
| Indiana | 7 | 5 | 46.6% | 7 | 5 | 0 | 0 | 0 | 0 | NM | 0 |
| Michigan | 10 | 13 | -18.1% | 10 | 12 | 0 | 0 | NM | NM | 0 | 0 |
| Ohio | 14 | 15 | -6.5% | 1 | 1 | 13 | 13 | NM | 0 | 0 | 1 |
| Wisconsin | 3 | NM | NM | 3 | NM | 0 | 1 | NM | NM | NM | NM |
| West North Central | 23 | 25 | -9.1% | 22 | 24 | NM | NM | 0 | 0 | 0 | 0 |
| Iowa | 4 | 9 | -55.4% | 4 | 9 | 0 | NM | 0 | 0 | NM | NM |
| Kansas | 6 | 2 | 205.4% | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1 | NM | NM | 0 | NM | NM | NM | 0 | 0 | 0 | 0 |
| Missouri | 5 | 0 | NM | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 3 | NM | NM | 3 | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 3 | 4 | -12.7% | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| South Atlantic | 102 | 75 | 36.9% | 62 | 54 | 23 | 6 | 2 | 1 | 15 | 14 |
| Delaware | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| District of Columbia | NM | NM | NM | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 14 | 17 | -17.8% | 14 | 16 | NM | 0 | 0 | 0 | NM | NM |
| Georgia | 18 | 14 | 32.3% | 5 | 3 | NM | NM | NM | NM | 13 | 11 |
| Maryland | 19 | 3 | 624.3% | NM | 0 | 20 | 3 | 0 | 0 | 0 | 0 |
| North Carolina | 9 | 7 | 23.8% | 8 | 5 | NM | NM | NM | NM | NM | 2 |
| South Carolina | 10 | 13 | -20.6% | 10 | 12 | 0 | 0 | 0 | 0 | 0 | 1 |
| Virginia | 19 | NM | NM | 15 | NM | 2 | 2 | 2 | 1 | 1 | 1 |
| West Virginia | 11 | 14 | -18.8% | 11 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 22 | 11 | 100.7% | 22 | 11 | NM | NM | 0 | 0 | NM | NM |
| Alabama | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | NM | NM |
| Kentucky | 7 | 5 | 51.0% | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 87.9% | 0 | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 15 | 6 | 149.7% | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 28 | 21 | 28.4% | 12 | 10 | 15 | 11 | NM | NM | 1 | 1 |
| Arkansas | 7 | NM | NM | 6 | NM | 2 | 0 | 0 | 0 | NM | NM |
| Louisiana | NM | 1 | NM | NM | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 2 | 1 | 38.2% | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 18 | 16 | 14.6% | 5 | NM | 13 | 11 | NM | NM | 0 | 0 |
| Mountain | 13 | 18 | -28.2% | 11 | 17 | 2 | 1 | NM | NM | 0 | 0 |
| Arizona | 3 | 4 | -41.8% | 3 | 4 | 0 | 0 | NM | NM | 0 | 0 |
| Colorado | 2 | 3 | -42.9% | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 2 | NM | NM | NM | NM | 2 | 1 | 0 | 0 | 0 | 0 |
| Nevada | 1 | 0 | 471.0% | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 1 | 1 | -38.7% | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 4 | 7 | -43.3% | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 5 | 7 | -29.0% | 3 | NM | NM | NM | 1 | NM | NM | 4 |
| California | 3 | 5 | -36.3% | 3 | 3 | 0 | 0 | 1 | 0 | NM | 2 |
| Oregon | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| Washington | NM | 2 | NM | NM | NM | NM | NM | NM | 0 | NM | 2 |
| Pacific Noncontiguous | 658 | 656 | 0.2% | 513 | 512 | 126 | 129 | 0 | 1 | 18 | 15 |
| Alaska | 73 | 80 | -8.4% | 69 | 76 | 0 | 0 | 0 | NM | 4 | 3 |
| Hawaii | 585 | 576 | 1.4% | 444 | 435 | 126 | 129 | 0 | 1 | 14 | 12 |
| U.S. Total | 915 | 903 | 1.3% | 674 | 659 | 196 | 202 | 5 | NM | 39 | 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.5.B. Utility Scale Facility Net Generation from Petroleum Liquids

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 133 | 266 | -50.1% | 9 | 19 | 103 | 227 | 13 | 12 | 8 | 8 |
| Connecticut | 61 | 98 | -37.3% | 2 | 2 | 58 | 93 | 0 | 1 | 1 | 2 |
| Maine | 19 | 40 | -53.3% | 0 | 0 | 12 | 34 | 0 | 0 | 6 | 6 |
| Massachusetts | 38 | 56 | -32.9% | 6 | 17 | 25 | 36 | 5 | 3 | 1 | 0 |
| New Hampshire | 7 | 47 | -86.3% | 0 | 0 | NM | 41 | 6 | 6 | 0 | 0 |
| Rhode Island | 8 | 24 | -67.0% | 0 | 0 | 7 | 23 | NM | 1 | 0 | 0 |
| Vermont | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 213 | 285 | -25.2% | 80 | 91 | 122 | 177 | 5 | NM | 6 | 9 |
| New Jersey | 11 | 39 | -71.8% | 0 | 0 | 11 | 38 | NM | 1 | 0 | 0 |
| New York | 154 | 222 | -30.7% | 80 | 91 | 67 | 119 | 4 | NM | 3 | 7 |
| Pennsylvania | 48 | 24 | 100.5% | 0 | 0 | 44 | 21 | 1 | 2 | 3 | 1 |
| East North Central | 184 | 167 | 10.2% | 101 | 92 | 76 | 69 | 1 | 0 | 6 | 6 |
| Illinois | 11 | 11 | -3.6% | 2 | 2 | 8 | 9 | NM | NM | 0 | 0 |
| Indiana | 34 | 36 | -5.3% | 33 | 30 | 0 | 5 | 1 | 0 | 0 | 0 |
| Michigan | 45 | 41 | 10.2% | 44 | 39 | 0 | 0 | NM | NM | 1 | 2 |
| Ohio | 76 | 63 | 20.9% | 6 | 6 | 68 | 54 | 0 | 0 | 1 | 2 |
| Wisconsin | 19 | 17 | 12.4% | 16 | 15 | 0 | 1 | 0 | NM | 4 | 1 |
| West North Central | 184 | 155 | 18.6% | 180 | 153 | NM | NM | 2 | 1 | 1 | 1 |
| Iowa | 23 | 21 | 10.1% | 22 | 21 | 1 | 1 | 0 | NM | NM | NM |
| Kansas | 51 | 23 | 125.0% | 51 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 16 | 19 | -16.6% | 13 | 17 | NM | NM | 1 | 1 | 1 | 1 |
| Missouri | 40 | 42 | -6.0% | 40 | 42 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 23 | 17 | 36.8% | 23 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 25 | 27 | -7.4% | 25 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | 6 | NM | NM | 6 | 0 | 0 | NM | NM | 0 | 0 |
| South Atlantic | 585 | 388 | 51.0% | 350 | 255 | 139 | 37 | 8 | 5 | 89 | 90 |
| Delaware | 10 | 6 | 78.3% | 0 | 0 | 10 | 6 | 0 | 0 | 0 | 0 |
| District of Columbia | NM | NM | NM | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 59 | 85 | -31.0% | 52 | 78 | 3 | 1 | 0 | 0 | 4 | 6 |
| Georgia | 111 | 83 | 33.3% | 28 | 14 | NM | NM | 0 | 0 | 76 | 68 |
| Maryland | 79 | 11 | 609.5% | -1 | -1 | 80 | 12 | NM | 0 | NM | NM |
| North Carolina | 113 | 28 | 297.7% | 91 | 16 | 18 | 1 | NM | NM | NM | 11 |
| South Carolina | 53 | 46 | 15.9% | 50 | 40 | 0 | 2 | 0 | 0 | 3 | 3 |
| Virginia | 112 | 57 | 95.9% | 82 | 35 | 21 | 14 | 6 | 5 | 3 | 2 |
| West Virginia | 48 | 71 | -31.9% | 48 | 71 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 75 | 78 | -4.0% | 72 | 75 | NM | NM | 0 | 0 | 3 | 2 |
| Alabama | 4 | 4 | 1.0% | 3 | 3 | NM | NM | 0 | 0 | NM | NM |
| Kentucky | 27 | 27 | -2.0% | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 4 | 3 | 29.0% | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 |
| Tennessee | 40 | 43 | -7.9% | 40 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 151 | 106 | 43.1% | 74 | 43 | 74 | 61 | NM | NM | 4 | 2 |
| Arkansas | 19 | 18 | 0.9% | 15 | 15 | 3 | 3 | 0 | 0 | NM | NM |
| Louisiana | NM | 3 | NM | NM | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 10 | 4 | 133.5% | 8 | 4 | 0 | 0 | 0 | 0 | 2 | 1 |
| Texas | 116 | 80 | 44.7% | 44 | 22 | 70 | 57 | NM | NM | 2 | 1 |
| Mountain | 81 | 69 | 17.7% | 70 | 63 | 11 | 6 | NM | NM | 0 | 0 |
| Arizona | 10 | 10 | -3.0% | 10 | 10 | 0 | 0 | NM | NM | 0 | 0 |
| Colorado | 26 | 13 | 93.6% | 23 | 13 | 3 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 183.3% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 13 | 4 | 234.4% | 7 | NM | 6 | 3 | 0 | 0 | 0 | 0 |
| Nevada | 2 | 2 | 23.8% | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 8 | 13 | -36.1% | 8 | 11 | 0 | 2 | 0 | 0 | 0 | 0 |
| Wyoming | 18 | 23 | -22.4% | 18 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 50 | 51 | -1.6% | 24 | 22 | 7 | 4 | 3 | 2 | 16 | 23 |
| California | 30 | 33 | -10.4% | 14 | 14 | 4 | 2 | 2 | 2 | 9 | 15 |
| Oregon | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| Washington | 20 | 18 | 15.2% | 9 | 7 | 3 | 2 | 0 | 0 | 7 | 8 |
| Pacific Noncontiguous | 3,215 | 3,332 | -3.5% | 2,575 | 2,648 | 548 | 596 | 3 | 3 | 89 | 85 |
| Alaska | 413 | 383 | 7.8% | 390 | 363 | 0 | 0 | 1 | 1 | 21 | 19 |
| Hawaii | 2,802 | 2,949 | -5.0% | 2,185 | 2,285 | 548 | 596 | 2 | 2 | 68 | 65 |
| U.S. Total | 4,872 | 4,897 | -0.5% | 3,535 | 3,461 | 1,080 | 1,178 | 34 | 32 | 223 | 226 |

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

## Table 1.6.A. Utility Scale Facility Net Generation from Petroleum Coke by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 154 | 168 | -8.4% | 101 | 99 | NM | NM | 0 | 0 | 9 | 12 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 110 | 111 | -1.0% | 101 | 99 | 0 | 0 | 0 | 0 | 9 | 12 |
| Ohio | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 1 | 0 | -- | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Iowa | 1 | 0 | -- | 0 | 0 | 0 | 0 | 1 | 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 | 56 | 69 | -18.7% | 53 | 67 | 0 | 0 | 0 | 0 | 4 | NM |
| 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 | 67 | -21.7% | 53 | 67 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 4 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 4 | NM |
| 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 | 20 | 6 | 267.8% | 15 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 15 | 0 | -- | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 6 | 6 | 3.5% | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| Mountain | 28 | 42 | -33.0% | 0 | 0 | 28 | 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 | 28 | 42 | -33.0% | 0 | 0 | 28 | 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 | 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 | 260 | 286 | -8.9% | 168 | 166 | 73 | 100 | 1 | 0 | 19 | 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.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.6.B. Utility Scale Facility Net Generation from Petroleum Coke

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 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 | 738 | 692 | 6.6% | 419 | 349 | 269 | 280 | 0 | 0 | 49 | 63 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 465 | 398 | 16.7% | 416 | 335 | 0 | 0 | 0 | 0 | 49 | 63 |
| Ohio | 269 | 280 | -3.7% | 0 | 0 | 269 | 280 | 0 | 0 | 0 | 0 |
| Wisconsin | 3 | 14 | -77.9% | 3 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 3 | 1 | 95.3% | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 |
| Iowa | 3 | 1 | 95.3% | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 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 | 174 | 475 | -63.4% | 165 | 442 | 0 | 0 | 0 | 0 | 9 | NM |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 165 | 442 | -62.7% | 165 | 442 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 9 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 9 | NM |
| 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 | -2.2% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -2.2% | 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 | 81 | 272 | -70.1% | 51 | 239 | 0 | 0 | 0 | 0 | 30 | 32 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 51 | 239 | -78.5% | 51 | 239 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 30 | 32 | -7.3% | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 32 |
| Mountain | 170 | 210 | -19.1% | 0 | 0 | 170 | 210 | 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 | 170 | 210 | -19.1% | 0 | 0 | 170 | 210 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,166 | 1,650 | -29.4% | 635 | 1,031 | 439 | 490 | 2 | 1 | 89 | 128 |

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

## Table 1.7.A. Utility Scale Facility Net Generation from Natural Gas by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 3,711 | 3,745 | -0.9% | NM | NM | 3,525 | 3,586 | 86 | 67 | 92 | 83 |
| Connecticut | 1,683 | 1,501 | 12.1% | 2 | 3 | 1,606 | 1,433 | 17 | NM | 58 | 52 |
| Maine | 257 | 285 | -9.9% | 0 | 0 | 247 | 275 | 3 | 3 | NM | NM |
| Massachusetts | 823 | 1,081 | -23.9% | NM | NM | 745 | 1,016 | 62 | 47 | 10 | 12 |
| New Hampshire | 324 | 263 | 23.0% | 0 | 0 | 321 | 261 | 0 | 1 | 2 | 1 |
| Rhode Island | 624 | 614 | 1.6% | 0 | 0 | 606 | 600 | NM | NM | 14 | NM |
| Vermont | 0 | 0 | -88.1% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 18,303 | 16,783 | 9.1% | 1,000 | 865 | 16,863 | 15,526 | 100 | 85 | 339 | 307 |
| New Jersey | 1,989 | 2,711 | -26.6% | NM | NM | 1,924 | 2,645 | 21 | NM | 33 | 36 |
| New York | 4,705 | 4,074 | 15.5% | 984 | 851 | 3,602 | 3,131 | 71 | 54 | 47 | 37 |
| Pennsylvania | 11,608 | 9,998 | 16.1% | 4 | 1 | 11,337 | 9,749 | 9 | 15 | 259 | 233 |
| East North Central | 18,156 | 16,859 | 7.7% | 7,053 | 6,238 | 10,549 | 10,153 | 126 | 118 | 428 | 350 |
| Illinois | 1,568 | 1,578 | -0.6% | 200 | 226 | 1,260 | 1,264 | 30 | 32 | 78 | 57 |
| Indiana | 2,990 | 2,650 | 12.8% | 1,442 | 1,478 | 1,332 | 989 | 19 | 18 | 197 | 165 |
| Michigan | 5,135 | 4,121 | 24.6% | 2,395 | 1,942 | 2,648 | 2,086 | 47 | 49 | 45 | 44 |
| Ohio | 5,994 | 6,424 | -6.7% | 718 | 643 | 5,221 | 5,741 | 25 | 16 | 31 | 24 |
| Wisconsin | 2,468 | 2,085 | 18.4% | 2,298 | 1,949 | 87 | 73 | 5 | 4 | 78 | 60 |
| West North Central | 4,037 | 3,606 | 11.9% | 3,527 | 3,082 | 335 | 370 | 28 | 33 | 146 | 121 |
| Iowa | 921 | 952 | -3.3% | 856 | 891 | NM | NM | 7 | 9 | 57 | 52 |
| Kansas | 565 | 436 | 29.6% | 523 | 400 | 0 | 0 | 0 | 0 | 42 | 35 |
| Minnesota | 1,291 | 983 | 31.4% | 995 | 656 | 252 | 290 | 8 | 9 | 38 | 28 |
| Missouri | 679 | 695 | -2.2% | 580 | 598 | 84 | 79 | 13 | 15 | 3 | 3 |
| Nebraska | NM | 219 | NM | NM | 219 | 0 | 0 | 1 | 0 | 1 | 0 |
| North Dakota | NM | 127 | NM | NM | 127 | 0 | 0 | 0 | 0 | 1 | 0 |
| South Dakota | NM | 195 | NM | NM | 192 | 0 | 0 | 0 | 0 | NM | NM |
| South Atlantic | 35,351 | 33,845 | 4.5% | 29,607 | 28,507 | 5,201 | 4,830 | 54 | 55 | 489 | 452 |
| Delaware | 218 | 288 | -24.4% | 7 | 0 | 127 | 183 | 0 | 0 | 83 | 104 |
| District of Columbia | NM | NM | NM | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 19,078 | 17,247 | 10.6% | 17,987 | 16,431 | 943 | 673 | NM | NM | 136 | 133 |
| Georgia | 4,997 | 5,673 | -11.9% | 4,025 | 4,498 | 879 | 1,106 | 0 | 0 | 93 | 69 |
| Maryland | 1,004 | 975 | 3.0% | 89 | 89 | 887 | 857 | 24 | 24 | 4 | 4 |
| North Carolina | 4,069 | 3,948 | 3.1% | 3,295 | 3,187 | 747 | 733 | NM | NM | NM | 20 |
| South Carolina | 1,993 | 2,179 | -8.6% | 1,930 | 2,134 | 52 | 32 | 0 | 0 | 11 | 13 |
| Virginia | 3,635 | 3,190 | 14.0% | 2,253 | 2,096 | 1,299 | 1,013 | 1 | 2 | 82 | 79 |
| West Virginia | 349 | 334 | 4.4% | 22 | 73 | 266 | 233 | 0 | 0 | 61 | 29 |
| East South Central | 12,730 | 12,017 | 5.9% | 10,000 | 8,604 | 2,415 | 3,136 | 15 | 15 | 299 | 263 |
| Alabama | 5,085 | 5,003 | 1.6% | 2,607 | 1,783 | 2,350 | 3,097 | 0 | 0 | 127 | 123 |
| Kentucky | 1,514 | 1,364 | 11.0% | 1,430 | 1,312 | 65 | 38 | 0 | 0 | 19 | 14 |
| Mississippi | 5,274 | 4,196 | 25.7% | 5,230 | 4,152 | 0 | 1 | 0 | 0 | 44 | 43 |
| Tennessee | 857 | 1,454 | -41.1% | 733 | 1,357 | 0 | 0 | 15 | 15 | 108 | 82 |
| West South Central | 37,032 | 36,380 | 1.8% | 14,340 | 13,802 | 17,329 | 17,350 | 123 | 87 | 5,239 | 5,141 |
| Arkansas | 1,930 | 2,250 | -14.3% | 1,820 | 2,151 | 93 | 81 | NM | NM | NM | NM |
| Louisiana | 6,775 | 6,343 | 6.8% | 4,152 | 3,809 | 518 | 523 | NM | NM | 2,101 | 2,007 |
| Oklahoma | 4,059 | 4,099 | -1.0% | 2,785 | 2,594 | 1,232 | 1,461 | 0 | 0 | 43 | 45 |
| Texas | 24,268 | 23,688 | 2.4% | 5,583 | 5,248 | 15,487 | 15,286 | 117 | 81 | 3,081 | 3,073 |
| Mountain | 9,235 | 9,394 | -1.7% | 7,026 | 7,290 | 2,036 | 1,957 | 40 | 41 | 134 | 106 |
| Arizona | 3,858 | 4,021 | -4.1% | 2,522 | 2,722 | 1,324 | 1,287 | 12 | 12 | 0 | 0 |
| Colorado | 1,282 | 1,079 | 18.9% | 1,089 | 882 | 177 | 182 | 0 | 0 | 16 | 15 |
| Idaho | NM | 204 | NM | NM | 99 | NM | 95 | 3 | 3 | NM | NM |
| Montana | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | 0 | NM |
| Nevada | 1,697 | 1,836 | -7.6% | 1,637 | 1,814 | 32 | 2 | 6 | 6 | 23 | 15 |
| New Mexico | 935 | 1,168 | -19.9% | 549 | 777 | 378 | 383 | NM | NM | 1 | 0 |
| Utah | 804 | 867 | -7.2% | 766 | 840 | NM | NM | 12 | 13 | 19 | 7 |
| Wyoming | 365 | 180 | 103.1% | 302 | 117 | 0 | 0 | 0 | 0 | 63 | 63 |
| Pacific Contiguous | 5,142 | 4,895 | 5.0% | 1,983 | 1,935 | 2,246 | 2,053 | 110 | 123 | 803 | 785 |
| California | 3,644 | 3,625 | 0.5% | 1,013 | 1,016 | 1,802 | 1,769 | 105 | 119 | 725 | 720 |
| Oregon | 882 | 720 | 22.4% | 512 | 515 | 355 | 194 | 4 | 4 | 10 | 7 |
| Washington | 616 | 550 | 12.0% | 459 | 404 | NM | 89 | NM | 0 | 67 | 57 |
| Pacific Noncontiguous | NM | 204 | NM | NM | 201 | 0 | 0 | 0 | 0 | 2 | 3 |
| Alaska | NM | 204 | NM | NM | 201 | 0 | 0 | 0 | 0 | 2 | 3 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 143,917 | 137,728 | 4.5% | 74,764 | 70,535 | 60,499 | 58,959 | 684 | 624 | 7,969 | 7,611 |

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

## Table 1.7.B. Utility Scale Facility Net Generation from Natural Gas

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 20,637 | 19,838 | 4.0% | NM | NM | 19,644 | 18,879 | 483 | 410 | 478 | 521 |
| Connecticut | 9,188 | 9,160 | 0.3% | 16 | 17 | 8,756 | 8,777 | 122 | 107 | 294 | 260 |
| Maine | 1,481 | 1,103 | 34.3% | 0 | 0 | 1,423 | 961 | 12 | 12 | 46 | 130 |
| Massachusetts | 6,171 | 5,582 | 10.5% | NM | NM | 5,773 | 5,240 | 327 | 271 | 53 | 61 |
| New Hampshire | 1,447 | 1,379 | 4.9% | 0 | 0 | 1,429 | 1,363 | 6 | 6 | 13 | 11 |
| Rhode Island | 2,349 | 2,613 | -10.1% | 0 | 0 | 2,263 | 2,539 | 14 | 14 | 72 | 60 |
| Vermont | 1 | 1 | -25.0% | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Middle Atlantic | 91,629 | 86,697 | 5.7% | 4,909 | 4,238 | 84,339 | 80,348 | 554 | 466 | 1,828 | 1,645 |
| New Jersey | 11,451 | 10,807 | 6.0% | 63 | NM | 11,104 | 10,506 | 109 | 86 | 174 | 177 |
| New York | 23,588 | 20,079 | 17.5% | 4,835 | 4,194 | 18,097 | 15,337 | 385 | 315 | 271 | 234 |
| Pennsylvania | 56,590 | 55,811 | 1.4% | 11 | 6 | 55,138 | 54,506 | 59 | 65 | 1,382 | 1,234 |
| East North Central | 91,960 | 82,249 | 11.8% | 31,774 | 29,581 | 57,273 | 50,085 | 635 | 620 | 2,277 | 1,962 |
| Illinois | 9,443 | 7,876 | 19.9% | 1,114 | 816 | 7,753 | 6,562 | 172 | 176 | 403 | 321 |
| Indiana | 15,043 | 13,634 | 10.3% | 6,611 | 6,576 | 7,332 | 6,083 | 82 | 79 | 1,019 | 896 |
| Michigan | 23,091 | 20,872 | 10.6% | 9,127 | 8,372 | 13,436 | 11,987 | 255 | 259 | 273 | 254 |
| Ohio | 33,129 | 28,977 | 14.3% | 4,318 | 3,517 | 28,570 | 25,252 | 106 | 86 | 135 | 122 |
| Wisconsin | 11,255 | 10,891 | 3.3% | 10,604 | 10,299 | 183 | 201 | 21 | 21 | 447 | 369 |
| West North Central | 17,415 | 13,829 | 25.9% | 14,396 | 10,942 | 2,118 | 2,085 | 148 | 149 | 754 | 653 |
| Iowa | 3,514 | 3,598 | -2.4% | 3,157 | 3,292 | NM | NM | 53 | 47 | 304 | 259 |
| Kansas | 2,118 | 1,460 | 45.0% | 1,935 | 1,300 | 0 | 0 | 0 | 0 | 183 | 160 |
| Minnesota | 6,134 | 4,349 | 41.0% | 4,364 | 2,855 | 1,518 | 1,260 | 37 | 44 | 216 | 190 |
| Missouri | 3,032 | 2,420 | 25.3% | 2,359 | 1,517 | 599 | 824 | 56 | 59 | 18 | 20 |
| Nebraska | 879 | 596 | 47.5% | 871 | 595 | 0 | 0 | 3 | 0 | 6 | 0 |
| North Dakota | 804 | 688 | 16.7% | 798 | 684 | 0 | 0 | 0 | 0 | 6 | 4 |
| South Dakota | 935 | 716 | 30.5% | 913 | 698 | 0 | 0 | 0 | 0 | 22 | 19 |
| South Atlantic | 158,274 | 152,964 | 3.5% | 132,050 | 128,380 | 23,792 | 22,151 | 282 | 267 | 2,150 | 2,166 |
| Delaware | 1,252 | 1,513 | -17.2% | 8 | 2 | 897 | 1,053 | 0 | 0 | 348 | 458 |
| District of Columbia | 46 | 43 | 8.9% | 0 | 0 | 0 | 0 | 46 | 43 | 0 | 0 |
| Florida | 75,815 | 72,169 | 5.1% | 71,830 | 68,428 | 3,364 | 3,077 | 54 | 50 | 567 | 613 |
| Georgia | 22,770 | 24,017 | -5.2% | 18,080 | 19,279 | 4,266 | 4,401 | 0 | 0 | 425 | 337 |
| Maryland | 5,081 | 5,937 | -14.4% | 1,043 | 1,745 | 3,896 | 4,057 | 118 | 113 | 23 | 22 |
| North Carolina | 19,945 | 20,789 | -4.1% | 16,290 | 17,139 | 3,519 | 3,512 | 57 | 49 | 78 | 89 |
| South Carolina | 8,481 | 9,516 | -10.9% | 8,194 | 9,303 | 229 | 154 | 0 | 0 | 58 | 60 |
| Virginia | 23,563 | 17,955 | 31.2% | 16,531 | 12,384 | 6,638 | 5,211 | 6 | 13 | 388 | 347 |
| West Virginia | 1,321 | 1,025 | 28.8% | 74 | 100 | 984 | 686 | 0 | 0 | 262 | 239 |
| East South Central | 57,803 | 54,930 | 5.2% | 44,836 | 39,036 | 11,426 | 14,499 | 86 | 84 | 1,456 | 1,312 |
| Alabama | 23,209 | 22,535 | 3.0% | 11,367 | 7,572 | 11,221 | 14,386 | 0 | 0 | 621 | 577 |
| Kentucky | 5,616 | 5,287 | 6.2% | 5,313 | 5,088 | 204 | 110 | 0 | 0 | 99 | 88 |
| Mississippi | 23,023 | 21,068 | 9.3% | 22,793 | 20,842 | 2 | 3 | 0 | 0 | 228 | 223 |
| Tennessee | 5,956 | 6,040 | -1.4% | 5,363 | 5,534 | 0 | 0 | 86 | 84 | 507 | 423 |
| West South Central | 157,538 | 146,665 | 7.4% | 58,154 | 53,646 | 71,682 | 66,588 | 454 | 369 | 27,249 | 26,063 |
| Arkansas | 7,793 | 9,474 | -17.7% | 7,200 | 8,956 | 495 | 427 | NM | NM | 82 | 76 |
| Louisiana | 29,385 | 27,277 | 7.7% | 17,475 | 15,698 | 1,551 | 1,696 | 33 | NM | 10,326 | 9,860 |
| Oklahoma | 17,122 | 14,999 | 14.2% | 11,823 | 9,829 | 5,086 | 4,953 | 0 | -1 | 213 | 219 |
| Texas | 103,239 | 94,916 | 8.8% | 21,656 | 19,163 | 64,550 | 59,512 | 406 | 333 | 16,628 | 15,908 |
| Mountain | 46,691 | 46,653 | 0.1% | 37,592 | 37,312 | 8,152 | 8,539 | 199 | 187 | 747 | 614 |
| Arizona | 17,081 | 17,520 | -2.5% | 12,358 | 12,496 | 4,668 | 4,977 | 55 | 48 | 0 | 0 |
| Colorado | 7,263 | 6,690 | 8.6% | 6,204 | 5,650 | 985 | 974 | 1 | 0 | 72 | 66 |
| Idaho | 2,031 | 1,691 | 20.1% | 1,207 | 972 | 731 | 651 | 17 | 17 | 76 | 52 |
| Montana | 370 | 437 | -15.2% | 306 | 372 | 64 | 64 | 0 | 0 | NM | NM |
| Nevada | 9,173 | 9,433 | -2.8% | 8,681 | 8,901 | 281 | 369 | 26 | 26 | 184 | 138 |
| New Mexico | 4,733 | 5,246 | -9.8% | 3,299 | 3,732 | 1,386 | 1,465 | 36 | 39 | 12 | 10 |
| Utah | 4,612 | 4,811 | -4.2% | 4,413 | 4,666 | 36 | 39 | 65 | 57 | 97 | 49 |
| Wyoming | 1,428 | 824 | 73.4% | 1,123 | 524 | 0 | 0 | 0 | 0 | 305 | 300 |
| Pacific Contiguous | 44,911 | 46,805 | -4.0% | 18,332 | 18,457 | 21,955 | 23,926 | 616 | 605 | 4,008 | 3,817 |
| California | 29,005 | 31,779 | -8.7% | 8,821 | 9,416 | 16,027 | 18,339 | 591 | 585 | 3,566 | 3,439 |
| Oregon | 9,163 | 8,456 | 8.4% | 4,729 | 4,642 | 4,364 | 3,747 | 20 | 20 | 49 | 47 |
| Washington | 6,743 | 6,571 | 2.6% | 4,781 | 4,398 | 1,565 | 1,841 | 4 | 0 | 393 | 332 |
| Pacific Noncontiguous | 1,362 | 1,252 | 8.8% | 1,340 | 1,225 | 0 | 0 | 0 | 0 | 22 | 27 |
| Alaska | 1,362 | 1,252 | 8.8% | 1,340 | 1,225 | 0 | 0 | 0 | 0 | 22 | 27 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 688,221 | 651,883 | 5.6% | 343,416 | 322,843 | 300,381 | 287,101 | 3,456 | 3,158 | 40,968 | 38,781 |

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

## Table 1.7.C. Utility Scale Facility Net Generation from Natural Gas by Technology: Total (All Sectors), 2014-May 2024 (Thousand Megawatthours)

| | Natural Gas | | | | | |
|---|---|---|---|---|---|---|
| Period | Natural Gas Fired Combined Cycle | Natural Gas Fired Combustion Turbine | Steam Turbine | Internal Combustion Engine | Natural Gas Other | Total |
| Annual Factors | | | | | | |
| 2014 | 958,947 | 90,159 | 74,100 | 2,921 | 508 | 1,126,635 |
| 2015 | 1,131,803 | 108,655 | 89,796 | 3,760 | 654 | 1,334,668 |
| 2016 | 1,153,209 | 123,429 | 98,204 | 3,714 | 715 | 1,379,271 |
| 2017 | 1,096,212 | 111,732 | 84,520 | 4,370 | 869 | 1,297,703 |
| 2018 | 1,233,699 | 133,823 | 98,017 | 5,203 | 1,101 | 1,471,843 |
| 2019 | 1,343,576 | 130,661 | 106,113 | 6,655 | 1,527 | 1,588,533 |
| 2020 | 1,378,175 | 131,385 | 108,699 | 6,904 | 1,627 | 1,626,790 |
| 2021 | 1,339,517 | 130,987 | 98,533 | 8,255 | 1,899 | 1,579,190 |
| 2022 | 1,421,927 | 145,023 | 109,059 | 8,808 | 2,250 | 1,687,067 |
| 2023 | 1,509,718 | 162,058 | 119,745 | 10,448 | 94 | 1,802,062 |
| Year 2022 | | | | | | |
| January | 116,628 | 10,595 | 6,918 | 652 | 155 | 134,948 |
| February | 100,075 | 8,174 | 6,006 | 553 | 137 | 114,945 |
| March | 98,525 | 7,814 | 5,440 | 558 | 139 | 112,477 |
| April | 90,511 | 8,805 | 5,507 | 541 | 142 | 105,506 |
| May | 105,644 | 11,956 | 8,742 | 610 | 142 | 127,094 |
| June | 126,835 | 15,732 | 12,016 | 756 | 179 | 155,517 |
| July | 151,829 | 19,422 | 16,583 | 958 | 250 | 189,042 |
| August | 155,761 | 17,838 | 13,937 | 1,045 | 280 | 188,860 |
| Sept | 133,059 | 12,892 | 9,909 | 869 | 219 | 156,948 |
| October | 114,000 | 9,862 | 8,687 | 743 | 200 | 133,492 |
| November | 108,068 | 10,459 | 8,079 | 723 | 194 | 127,523 |
| December | 120,993 | 11,473 | 7,234 | 801 | 215 | 140,716 |
| Year 2023 | | | | | | |
| January | 121,763 | 8,980 | 6,262 | 717 | 4 | 137,725 |
| February | 109,921 | 7,776 | 5,602 | 626 | 4 | 123,928 |
| March | 114,448 | 9,995 | 6,967 | 793 | 5 | 132,207 |
| April | 99,883 | 11,524 | 8,167 | 713 | 6 | 120,294 |
| May | 113,994 | 13,366 | 9,618 | 742 | 8 | 137,728 |
| June | 132,751 | 16,075 | 12,057 | 934 | 11 | 161,827 |
| July | 158,974 | 22,737 | 17,552 | 1,279 | 13 | 200,554 |
| August | 159,367 | 22,139 | 17,149 | 1,322 | 18 | 199,995 |
| Sept | 137,758 | 14,441 | 12,256 | 942 | 9 | 165,406 |
| October | 115,904 | 13,962 | 10,219 | 872 | 7 | 140,963 |
| November | 114,879 | 11,496 | 8,100 | 780 | 5 | 135,260 |
| December | 130,079 | 9,568 | 5,795 | 729 | 3 | 146,174 |
| Year 2024 | | | | | | |
| January | 137,484 | 13,504 | 8,535 | 921 | 6 | 160,450 |
| February | 114,698 | 9,305 | 6,266 | 717 | 3 | 130,990 |
| March | 110,578 | 10,831 | 8,221 | 786 | 6 | 130,423 |
| April | 98,716 | 13,657 | 9,319 | 741 | 8 | 122,441 |
| May | 116,458 | 14,608 | 11,981 | 861 | 9 | 143,917 |

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
The 'Natural Gas Other' category consists of power plants with prime movers of Fuel Cells and Other Prime Movers that consume natural gas.
Totals may not equal sum of components because of independent rounding.
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.

## Table 1.8.A. Utility Scale Facility Net Generation from Other Gases by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 32 | NM | NM | 0 | 0 | 0 | 1 | 0 | 0 | 32 | NM |
| New Jersey | 11 | 11 | 2.1% | 0 | 0 | 0 | 1 | 0 | 0 | 11 | 10 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| East North Central | 265 | 297 | -10.7% | 0 | 0 | 97 | 154 | 0 | 0 | 168 | 143 |
| Illinois | 11 | 14 | -20.1% | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 14 |
| Indiana | 134 | 111 | 20.6% | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 111 |
| Michigan | 66 | 128 | -48.2% | 0 | 0 | 66 | 128 | 0 | 0 | 0 | 0 |
| Ohio | 54 | NM | NM | 0 | 0 | 31 | NM | 0 | 0 | 22 | 18 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 4 | 2 | 56.8% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 |
| 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 | 4 | 2 | 56.8% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 28 | 11 | 165.6% | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 11 |
| Delaware | 25 | 9 | 190.6% | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 9 |
| 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 | 3 | 2 | 46.5% | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 |
| East South Central | 1 | 1 | 85.3% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Alabama | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NM |
| 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 | 92.8% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| West South Central | 281 | 377 | -25.3% | 0 | 0 | 91 | 126 | 0 | 0 | 191 | 250 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 105 | 169 | -38.1% | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 169 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 177 | 207 | -14.8% | 0 | 0 | 91 | 126 | 0 | 0 | 86 | 81 |
| Mountain | 31 | 32 | -3.5% | 0 | 0 | 1 | 1 | 0 | 0 | 31 | 31 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 1 | 1 | -52.7% | 0 | 0 | 1 | 1 | 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 | 1 | -83.3% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Wyoming | 30 | 30 | -0.2% | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| Pacific Contiguous | 112 | 151 | -25.7% | 0 | 0 | 0 | 0 | 0 | 0 | 112 | 151 |
| California | 94 | 135 | -30.7% | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 135 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 18 | 16 | 17.1% | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 16 |
| 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 | 754 | 901 | -16.3% | 0 | 0 | 188 | 282 | 0 | 0 | 565 | 618 |

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

## Table 1.8.B. Utility Scale Facility Net Generation from Other Gases

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 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 | 166 | 220 | -24.4% | 0 | 0 | 2 | 6 | 0 | 0 | 165 | 214 |
| New Jersey | 63 | 61 | 4.2% | 0 | 0 | 1 | 6 | 0 | 0 | 62 | 54 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 103 | 160 | -35.3% | 0 | 0 | 0 | 0 | 0 | 0 | 103 | 160 |
| East North Central | 1,393 | 1,689 | -17.5% | 0 | 0 | 613 | 747 | 0 | 0 | 781 | 942 |
| Illinois | 69 | 89 | -23.3% | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 89 |
| Indiana | 630 | 801 | -21.3% | 0 | 0 | 0 | 0 | 0 | 0 | 630 | 801 |
| Michigan | 452 | 551 | -17.9% | 0 | 0 | 452 | 551 | 0 | 0 | 0 | 0 |
| Ohio | 242 | 248 | -2.3% | 0 | 0 | 160 | 196 | 0 | 0 | 82 | 52 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 14 | 10 | 42.8% | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 |
| 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 | 14 | 10 | 42.8% | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 110 | 73 | 49.6% | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 73 |
| Delaware | 96 | 58 | 63.8% | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 58 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | -59.6% | 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 | 14 | 15 | -5.8% | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15 |
| East South Central | 4 | 4 | 5.4% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| Alabama | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 4 | 4 | 5.5% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| West South Central | 1,537 | 1,622 | -5.3% | 0 | 0 | 507 | 481 | 0 | 0 | 1,030 | 1,142 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 593 | 748 | -20.6% | 0 | 0 | 0 | 0 | 0 | 0 | 593 | 748 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 944 | 875 | 7.9% | 0 | 0 | 507 | 481 | 0 | 0 | 437 | 394 |
| Mountain | 158 | 160 | -1.3% | 0 | 0 | 2 | 5 | 0 | 0 | 156 | 156 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 2 | 5 | -46.1% | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 1 | 1 | 35.1% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Wyoming | 155 | 155 | -0.1% | 0 | 0 | 0 | 0 | 0 | 0 | 155 | 155 |
| Pacific Contiguous | 641 | 701 | -8.6% | 0 | 0 | 0 | 0 | 0 | 0 | 641 | 701 |
| California | 570 | 607 | -6.1% | 0 | 0 | 0 | 0 | 0 | 0 | 570 | 607 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 71 | 94 | -24.7% | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 94 |
| 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 | 4,024 | 4,481 | -10.2% | 0 | 0 | 1,123 | 1,239 | 0 | 0 | 2,901 | 3,242 |

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

## Table 1.9.A. Utility Scale Facility Net Generation from Nuclear Energy by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 2,462 | 1,498 | 64.4% | 0 | 0 | 2,462 | 1,498 | 0 | 0 | 0 | 0 |
| Connecticut | 1,557 | 869 | 79.2% | 0 | 0 | 1,557 | 869 | 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 | 905 | 629 | 43.9% | 0 | 0 | 905 | 629 | 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 | 10,863 | 10,593 | 2.5% | 0 | 0 | 10,863 | 10,593 | 0 | 0 | 0 | 0 |
| New Jersey | 2,141 | 2,446 | -12.4% | 0 | 0 | 2,141 | 2,446 | 0 | 0 | 0 | 0 |
| New York | 2,461 | 2,451 | 0.4% | 0 | 0 | 2,461 | 2,451 | 0 | 0 | 0 | 0 |
| Pennsylvania | 6,261 | 5,697 | 9.9% | 0 | 0 | 6,261 | 5,697 | 0 | 0 | 0 | 0 |
| East North Central | 12,567 | 12,810 | -1.9% | 1,952 | 2,538 | 10,614 | 10,272 | 0 | 0 | 0 | 0 |
| Illinois | 8,436 | 7,758 | 8.7% | 0 | 0 | 8,436 | 7,758 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 1,952 | 2,538 | -23.1% | 1,952 | 2,538 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 1,284 | 1,617 | -20.6% | 0 | 0 | 1,284 | 1,617 | 0 | 0 | 0 | 0 |
| Wisconsin | 895 | 897 | -0.3% | 0 | 0 | 895 | 897 | 0 | 0 | 0 | 0 |
| West North Central | 3,276 | 3,084 | 6.2% | 3,276 | 3,084 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 576 | 905 | -36.3% | 576 | 905 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1,207 | 973 | 24.0% | 1,207 | 973 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 904 | 630 | 43.7% | 904 | 630 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 588 | 576 | 2.0% | 588 | 576 | 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 | 18,803 | 16,847 | 11.6% | 17,474 | 15,520 | 1,329 | 1,327 | 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 | 2,756 | 2,595 | 6.2% | 2,756 | 2,595 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 4,665 | 3,286 | 41.9% | 4,665 | 3,286 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 1,329 | 1,327 | 0.2% | 0 | 0 | 1,329 | 1,327 | 0 | 0 | 0 | 0 |
| North Carolina | 3,554 | 3,901 | -8.9% | 3,554 | 3,901 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 4,476 | 3,653 | 22.5% | 4,476 | 3,653 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 2,023 | 2,084 | -2.9% | 2,023 | 2,084 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 7,868 | 8,074 | -2.6% | 7,868 | 8,074 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 3,630 | 3,996 | -9.2% | 3,630 | 3,996 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 953 | 1,035 | -7.9% | 953 | 1,035 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 3,285 | 3,043 | 8.0% | 3,285 | 3,043 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 4,707 | 4,590 | 2.5% | 1,825 | 1,684 | 2,882 | 2,907 | 0 | 0 | 0 | 0 |
| Arkansas | 923 | 815 | 13.2% | 923 | 815 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 902 | 868 | 3.9% | 902 | 868 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 2,882 | 2,907 | -0.8% | 0 | 0 | 2,882 | 2,907 | 0 | 0 | 0 | 0 |
| Mountain | 2,541 | 2,201 | 15.4% | 2,541 | 2,201 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 2,541 | 2,201 | 15.4% | 2,541 | 2,201 | 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 | 1,886 | 1,776 | 6.2% | 1,886 | 1,776 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 1,039 | 1,682 | -38.2% | 1,039 | 1,682 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 846 | 94 | 804.2% | 846 | 94 | 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 | 64,973 | 61,473 | 5.7% | 36,822 | 34,877 | 28,151 | 26,596 | 0 | 0 | 0 | 0 |

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

## Table 1.9.B. Utility Scale Facility Net Generation from Nuclear Energy

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 11,902 | 9,631 | 23.6% | 0 | 0 | 11,902 | 9,631 | 0 | 0 | 0 | 0 |
| Connecticut | 7,373 | 6,312 | 16.8% | 0 | 0 | 7,373 | 6,312 | 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 | 4,529 | 3,320 | 36.4% | 0 | 0 | 4,529 | 3,320 | 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 | 53,155 | 52,942 | 0.4% | 0 | 0 | 53,155 | 52,942 | 0 | 0 | 0 | 0 |
| New Jersey | 11,367 | 11,827 | -3.9% | 0 | 0 | 11,367 | 11,827 | 0 | 0 | 0 | 0 |
| New York | 11,328 | 11,018 | 2.8% | 0 | 0 | 11,328 | 11,018 | 0 | 0 | 0 | 0 |
| Pennsylvania | 30,459 | 30,098 | 1.2% | 0 | 0 | 30,459 | 30,098 | 0 | 0 | 0 | 0 |
| East North Central | 61,716 | 60,989 | 1.2% | 9,304 | 12,391 | 52,411 | 48,598 | 0 | 0 | 0 | 0 |
| Illinois | 41,015 | 39,337 | 4.3% | 0 | 0 | 41,015 | 39,337 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 9,304 | 12,391 | -24.9% | 9,304 | 12,391 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 7,004 | 5,310 | 31.9% | 0 | 0 | 7,004 | 5,310 | 0 | 0 | 0 | 0 |
| Wisconsin | 4,392 | 3,951 | 11.2% | 0 | 0 | 4,392 | 3,951 | 0 | 0 | 0 | 0 |
| West North Central | 14,938 | 16,800 | -11.1% | 14,938 | 16,800 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 3,124 | 4,231 | -26.2% | 3,124 | 4,231 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 4,620 | 5,600 | -17.5% | 4,620 | 5,600 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 4,285 | 4,091 | 4.7% | 4,285 | 4,091 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 2,910 | 2,878 | 1.1% | 2,910 | 2,878 | 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 | 89,484 | 83,200 | 7.6% | 83,533 | 77,169 | 5,951 | 6,031 | 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 | 12,585 | 12,183 | 3.3% | 12,585 | 12,183 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 18,883 | 13,757 | 37.3% | 18,883 | 13,757 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 5,951 | 6,031 | -1.3% | 0 | 0 | 5,951 | 6,031 | 0 | 0 | 0 | 0 |
| North Carolina | 17,535 | 16,765 | 4.6% | 17,535 | 16,765 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 23,210 | 22,007 | 5.5% | 23,210 | 22,007 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 11,321 | 12,456 | -9.1% | 11,321 | 12,456 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 37,082 | 38,734 | -4.3% | 37,082 | 38,734 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 17,593 | 18,427 | -4.5% | 17,593 | 18,427 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 3,931 | 5,138 | -23.5% | 3,931 | 5,138 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 15,558 | 15,169 | 2.6% | 15,558 | 15,169 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 26,617 | 26,506 | 0.4% | 11,093 | 10,406 | 15,524 | 16,099 | 0 | 0 | 0 | 0 |
| Arkansas | 6,249 | 5,635 | 10.9% | 6,249 | 5,635 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 4,844 | 4,772 | 1.5% | 4,844 | 4,772 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 15,524 | 16,099 | -3.6% | 0 | 0 | 15,524 | 16,099 | 0 | 0 | 0 | 0 |
| Mountain | 13,294 | 12,622 | 5.3% | 13,294 | 12,622 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 13,294 | 12,622 | 5.3% | 13,294 | 12,622 | 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 | 11,121 | 11,208 | -0.8% | 11,121 | 11,208 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 6,946 | 7,983 | -13.0% | 6,946 | 7,983 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 4,175 | 3,226 | 29.4% | 4,175 | 3,226 | 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 | 319,309 | 312,633 | 2.1% | 180,365 | 179,330 | 138,944 | 133,303 | 0 | 0 | 0 | 0 |

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

## Table 1.10.A. Utility Scale Facility Net Generation from Hydroelectric (Conventional) Power by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 596 | 534 | 11.5% | 59 | 52 | 530 | 475 | 0 | 1 | NM | NM |
| Connecticut | 30 | 26 | 14.8% | 4 | 3 | 27 | 23 | 0 | 0 | 0 | 0 |
| Maine | 274 | 250 | 9.9% | NM | 0 | 267 | 243 | 0 | 0 | NM | NM |
| Massachusetts | 77 | 71 | 8.8% | 19 | NM | 58 | 53 | 0 | 1 | 0 | 0 |
| New Hampshire | 109 | 93 | 17.1% | NM | NM | 108 | 92 | 0 | 0 | 0 | 0 |
| Rhode Island | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Vermont | 104 | 93 | 11.6% | 35 | 31 | 69 | 62 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 2,633 | 2,561 | 2.8% | 2,014 | 2,015 | 613 | 542 | 0 | 1 | 5 | 4 |
| New Jersey | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 2,379 | 2,345 | 1.4% | 2,003 | 2,006 | 370 | 335 | 0 | 1 | 5 | 4 |
| Pennsylvania | 254 | 215 | 17.9% | 10 | 9 | 243 | 206 | 0 | 0 | 0 | 0 |
| East North Central | 322 | 435 | -26.0% | 279 | 388 | 31 | 35 | NM | NM | 11 | NM |
| Illinois | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 |
| Indiana | 34 | 30 | 11.4% | 33 | 29 | 0 | 0 | NM | NM | 0 | 0 |
| Michigan | 93 | 145 | -35.6% | 87 | 137 | NM | NM | 0 | 0 | NM | NM |
| Ohio | 47 | 41 | 15.3% | 31 | 26 | 16 | NM | 0 | 0 | 0 | 0 |
| Wisconsin | 141 | 212 | -33.2% | 124 | 191 | NM | NM | 0 | 0 | 10 | NM |
| West North Central | 822 | 1,147 | -28.3% | 797 | 1,116 | NM | NM | 0 | 0 | 6 | 6 |
| Iowa | 81 | 102 | -20.9% | 80 | 101 | 1 | 1 | 0 | 0 | 0 | 0 |
| Kansas | 4 | 2 | 60.9% | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 |
| Minnesota | 62 | 93 | -33.0% | NM | 64 | NM | NM | 0 | 0 | 6 | 6 |
| Missouri | 139 | 106 | 31.3% | 139 | 106 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 76 | 119 | -36.3% | 76 | 119 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 130 | 204 | -36.4% | 130 | 204 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 331 | 521 | -36.5% | 331 | 521 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,373 | 1,177 | 16.7% | 1,009 | 848 | 314 | 283 | 2 | 1 | 49 | 45 |
| 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 | 20 | 19 | 7.7% | 20 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 288 | 230 | 25.2% | 285 | 227 | NM | NM | 0 | 0 | NM | NM |
| Maryland | 193 | 174 | 11.1% | 0 | 0 | 193 | 174 | 0 | 0 | 0 | 0 |
| North Carolina | 424 | 365 | 16.3% | 354 | 302 | 68 | 61 | 2 | 1 | NM | NM |
| South Carolina | 205 | 165 | 24.4% | 199 | 160 | NM | NM | 0 | 0 | 0 | 0 |
| Virginia | 97 | 91 | 6.6% | 86 | 81 | 11 | 10 | 0 | 0 | 0 | 0 |
| West Virginia | 147 | 135 | 9.1% | 64 | 60 | 36 | 32 | 0 | 0 | 47 | 43 |
| East South Central | 2,186 | 1,829 | 19.5% | 2,115 | 1,764 | 71 | 64 | 0 | 0 | 0 | 0 |
| Alabama | 928 | 698 | 32.9% | 928 | 698 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 434 | 387 | 12.1% | 432 | 386 | NM | NM | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 824 | 744 | 10.9% | 755 | 681 | 70 | 63 | 0 | 0 | 0 | 0 |
| West South Central | 619 | 543 | 14.0% | 526 | 456 | 93 | 86 | NM | 0 | 0 | 0 |
| Arkansas | 313 | 281 | 11.5% | 307 | 275 | 6 | 6 | 0 | 0 | 0 | 0 |
| Louisiana | 84 | 77 | 8.3% | 0 | 0 | 84 | 77 | 0 | 0 | 0 | 0 |
| Oklahoma | 161 | 137 | 17.4% | 161 | 137 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 61 | 47 | 29.1% | 58 | 44 | 3 | 3 | NM | 0 | 0 | 0 |
| Mountain | 2,261 | 3,249 | -30.4% | 2,169 | 3,108 | 89 | 136 | NM | NM | 0 | 0 |
| Arizona | 517 | 739 | -30.0% | 517 | 739 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 135 | 195 | -30.8% | 117 | 167 | NM | NM | 1 | 2 | 0 | 0 |
| Idaho | 606 | 951 | -36.3% | 551 | 863 | 55 | 87 | 0 | 0 | 0 | 0 |
| Montana | 670 | 1,048 | -36.1% | 662 | 1,035 | NM | NM | 0 | 0 | 0 | 0 |
| Nevada | 209 | 124 | 69.2% | 204 | 118 | NM | NM | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | 80 | NM | NM | 75 | 1 | 1 | NM | NM | 0 | 0 |
| Wyoming | 60 | 94 | -35.7% | 58 | 92 | 2 | 2 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 11,021 | 15,772 | -30.1% | 10,768 | 15,490 | 251 | 279 | NM | NM | 0 | 0 |
| California | 3,642 | 3,810 | -4.4% | 3,429 | 3,589 | 211 | 217 | NM | NM | 0 | 0 |
| Oregon | 1,970 | 3,325 | -40.8% | 1,954 | 3,300 | NM | NM | 0 | 0 | 0 | 0 |
| Washington | 5,409 | 8,637 | -37.4% | 5,386 | 8,601 | NM | NM | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 130 | 198 | -34.1% | 107 | 168 | 6 | 3 | NM | NM | NM | NM |
| Alaska | 119 | 187 | -36.2% | 106 | 167 | 0 | 0 | NM | NM | 0 | 0 |
| Hawaii | NM | NM | NM | 1 | 1 | 6 | 3 | 0 | 0 | NM | NM |
| U.S. Total | 21,963 | 27,445 | -20.0% | 19,842 | 25,405 | 2,016 | 1,928 | NM | NM | 83 | 80 |

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

## Table 1.10.B. Utility Scale Facility Net Generation from Hydroelectric (Conventional) Power

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 3,199 | 2,970 | 7.7% | 326 | 301 | 2,833 | 2,631 | 2 | 2 | 38 | 35 |
| Connecticut | 168 | 151 | 11.3% | 22 | 16 | 146 | 135 | 0 | 0 | 0 | 0 |
| Maine | 1,437 | 1,336 | 7.5% | NM | NM | 1,398 | 1,300 | 0 | 0 | 38 | 35 |
| Massachusetts | 420 | 399 | 5.3% | 106 | 101 | 312 | 295 | 2 | 2 | 0 | 0 |
| New Hampshire | 613 | 564 | 8.6% | NM | NM | 607 | 559 | 0 | 0 | 0 | 0 |
| Rhode Island | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Vermont | 558 | 517 | 7.9% | 192 | 178 | 366 | 339 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 13,622 | 12,829 | 6.2% | 10,314 | 9,784 | 3,275 | 3,014 | 2 | 3 | 31 | 28 |
| New Jersey | 4 | 4 | -20.3% | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| New York | 12,256 | 11,594 | 5.7% | 10,254 | 9,738 | 1,969 | 1,824 | 2 | 3 | 31 | 28 |
| Pennsylvania | 1,362 | 1,231 | 10.7% | 60 | 45 | 1,302 | 1,186 | 0 | 0 | 0 | 0 |
| East North Central | 1,550 | 1,625 | -4.7% | 1,339 | 1,414 | 159 | 156 | NM | NM | 46 | 50 |
| Illinois | 35 | 40 | -11.6% | 19 | 25 | 16 | 15 | 0 | 0 | 0 | 0 |
| Indiana | 181 | 168 | 8.0% | 176 | 163 | 0 | 0 | NM | NM | 0 | 0 |
| Michigan | 436 | 481 | -9.3% | 409 | 453 | NM | NM | 0 | 0 | NM | NM |
| Ohio | 248 | 221 | 12.1% | 161 | 140 | 87 | 81 | 0 | 0 | 0 | 0 |
| Wisconsin | 649 | 715 | -9.3% | 573 | 633 | NM | 37 | 0 | 0 | 42 | 45 |
| West North Central | 3,746 | 3,930 | -4.7% | 3,640 | 3,816 | 78 | 87 | 0 | 0 | 27 | 27 |
| Iowa | 306 | 362 | -15.5% | 304 | 359 | 2 | 3 | 0 | 0 | 0 | 0 |
| Kansas | 8 | 7 | 3.7% | 0 | 0 | 8 | 7 | 0 | 0 | 0 | 0 |
| Minnesota | 291 | 323 | -9.7% | 196 | 219 | 68 | 77 | 0 | 0 | 27 | 27 |
| Missouri | 680 | 617 | 10.2% | 680 | 617 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 351 | 380 | -7.7% | 351 | 380 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 601 | 647 | -7.2% | 601 | 647 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 1,510 | 1,594 | -5.3% | 1,510 | 1,594 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 7,921 | 7,124 | 11.2% | 5,740 | 5,274 | 1,917 | 1,607 | 9 | 7 | 254 | 236 |
| 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 | 106 | 99 | 7.7% | 106 | 99 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 1,612 | 1,492 | 8.0% | 1,596 | 1,477 | NM | NM | 0 | 0 | NM | NM |
| Maryland | 1,266 | 1,002 | 26.3% | 0 | 0 | 1,266 | 1,002 | 0 | 0 | 0 | 0 |
| North Carolina | 2,391 | 2,165 | 10.4% | 2,019 | 1,821 | 362 | 337 | 8 | 5 | NM | NM |
| South Carolina | 1,206 | 1,107 | 8.9% | 1,176 | 1,080 | 28 | 26 | 2 | 1 | 0 | 0 |
| Virginia | 568 | 541 | 5.0% | 509 | 487 | 60 | 54 | 0 | 0 | 0 | 0 |
| West Virginia | 772 | 716 | 7.8% | 334 | 310 | 194 | 180 | 0 | 0 | 244 | 226 |
| East South Central | 11,643 | 10,734 | 8.5% | 11,265 | 10,384 | 378 | 350 | 0 | 0 | 0 | 0 |
| Alabama | 5,093 | 4,681 | 8.8% | 5,093 | 4,681 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 2,147 | 1,975 | 8.7% | 2,140 | 1,969 | NM | NM | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 4,403 | 4,078 | 8.0% | 4,032 | 3,734 | 371 | 344 | 0 | 0 | 0 | 0 |
| West South Central | 3,511 | 3,268 | 7.4% | 3,026 | 2,820 | 485 | 447 | NM | NM | 0 | 0 |
| Arkansas | 1,756 | 1,628 | 7.9% | 1,727 | 1,604 | 29 | 24 | 0 | 0 | 0 | 0 |
| Louisiana | 438 | 406 | 7.8% | 0 | 0 | 438 | 406 | 0 | 0 | 0 | 0 |
| Oklahoma | 904 | 833 | 8.5% | 904 | 833 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 414 | 400 | 3.3% | 396 | 383 | 18 | 17 | NM | NM | 0 | 0 |
| Mountain | 10,055 | 10,540 | -4.6% | 9,644 | 10,105 | 397 | 420 | NM | NM | 0 | 0 |
| Arizona | 2,393 | 2,359 | 1.4% | 2,393 | 2,359 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 526 | 618 | -14.8% | 453 | 535 | 70 | 80 | 3 | 4 | 0 | 0 |
| Idaho | 2,798 | 3,020 | -7.4% | 2,545 | 2,754 | 252 | 266 | 0 | 0 | 0 | 0 |
| Montana | 3,128 | 3,437 | -9.0% | 3,089 | 3,394 | 40 | 43 | 0 | 0 | 0 | 0 |
| Nevada | 653 | 528 | 23.8% | 628 | 505 | 25 | 23 | 0 | 0 | 0 | 0 |
| New Mexico | 54 | 53 | 1.9% | 54 | 53 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 234 | 243 | -3.9% | 215 | 224 | 7 | 7 | NM | NM | 0 | 0 |
| Wyoming | 269 | 281 | -4.5% | 266 | 280 | 2 | 2 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 49,089 | 52,416 | -6.3% | 48,072 | 51,412 | 1,004 | 993 | NM | NM | 0 | 0 |
| California | 14,206 | 13,846 | 2.6% | 13,372 | 13,038 | 822 | 796 | NM | NM | 0 | 0 |
| Oregon | 10,827 | 11,619 | -6.8% | 10,753 | 11,540 | 75 | 80 | 0 | 0 | 0 | 0 |
| Washington | 24,055 | 26,951 | -10.7% | 23,948 | 26,835 | 107 | 117 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 597 | 651 | -8.3% | 497 | 545 | 16 | 13 | 59 | 66 | NM | NM |
| Alaska | 555 | 608 | -8.8% | 496 | 542 | 0 | 0 | 59 | 66 | 0 | 0 |
| Hawaii | 42 | 43 | -1.9% | 1 | 3 | 16 | 13 | 0 | 0 | NM | NM |
| U.S. Total | 104,932 | 106,088 | -1.1% | 93,864 | 95,855 | 10,541 | 9,719 | 106 | 111 | 421 | 403 |

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

## Table 1.11.A. Utility Scale Facility Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 1,041 | 1,125 | -7.5% | 36 | 45 | 924 | 978 | 40 | 40 | 40 | 62 |
| Connecticut | 93 | 92 | 0.3% | 0 | 0 | 91 | 91 | NM | NM | NM | NM |
| Maine | 375 | 461 | -18.6% | 0 | 0 | 335 | 400 | 0 | 1 | 39 | 60 |
| Massachusetts | 315 | 301 | 4.6% | 12 | 12 | 267 | 252 | 36 | 36 | NM | NM |
| New Hampshire | 89 | 110 | -19.1% | 0 | 0 | 86 | 108 | 3 | 2 | 0 | 0 |
| Rhode Island | 105 | 86 | 22.9% | 0 | 0 | 105 | 85 | 0 | 1 | 0 | 0 |
| Vermont | 64 | 75 | -15.0% | 24 | 33 | 40 | 42 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 1,674 | 1,424 | 17.6% | 30 | 28 | 1,476 | 1,229 | 128 | 122 | 40 | 45 |
| New Jersey | 244 | 227 | 7.6% | 14 | 12 | 181 | 167 | 49 | 47 | NM | NM |
| New York | 904 | 786 | 15.1% | 16 | 16 | 819 | 701 | 59 | 59 | 10 | 10 |
| Pennsylvania | 526 | 412 | 27.8% | 0 | 0 | 477 | 361 | 20 | 16 | 29 | 34 |
| East North Central | 5,501 | 4,556 | 20.7% | 1,028 | 691 | 4,363 | 3,764 | 11 | 10 | 99 | 90 |
| Illinois | 2,180 | 1,939 | 12.4% | 8 | 10 | 2,172 | 1,929 | NM | NM | 0 | 0 |
| Indiana | 1,027 | 906 | 13.4% | 222 | 76 | 801 | 826 | 0 | 0 | 4 | 4 |
| Michigan | 1,129 | 971 | 16.3% | 400 | 360 | 675 | 569 | 3 | 3 | 51 | 39 |
| Ohio | 591 | 346 | 70.8% | NM | NM | 569 | 320 | 1 | 1 | 19 | 23 |
| Wisconsin | 573 | 395 | 45.3% | 397 | 244 | 145 | 121 | NM | 5 | 26 | 24 |
| West North Central | 11,690 | 10,480 | 11.5% | 4,187 | 3,787 | 7,415 | 6,615 | 12 | 9 | 77 | 69 |
| Iowa | 3,702 | 3,478 | 6.4% | 2,626 | 2,450 | 1,069 | 1,021 | 1 | NM | 7 | 6 |
| Kansas | 2,483 | 2,030 | 22.3% | 225 | 174 | 2,256 | 1,853 | NM | NM | NM | NM |
| Minnesota | 1,628 | 1,572 | 3.5% | 574 | 442 | 983 | 1,064 | NM | 6 | 67 | 59 |
| Missouri | 516 | 449 | 15.1% | 178 | 164 | 334 | 284 | 4 | 0 | 0 | 0 |
| Nebraska | 1,113 | 998 | 11.6% | 16 | 15 | 1,096 | 981 | 1 | 2 | 0 | 0 |
| North Dakota | 1,249 | 1,162 | 7.5% | 441 | 420 | 808 | 743 | 0 | 0 | 0 | 0 |
| South Dakota | 999 | 792 | 26.1% | 128 | 121 | 869 | 668 | 0 | 0 | NM | NM |
| South Atlantic | 6,858 | 6,052 | 13.3% | 2,423 | 1,887 | 3,606 | 3,285 | 91 | 98 | 738 | 783 |
| Delaware | 22 | 27 | -19.8% | NM | NM | 19 | 24 | NM | NM | NM | 2 |
| District of Columbia | 8 | 8 | 5.0% | NM | NM | NM | 3 | 5 | 5 | 0 | 0 |
| Florida | 2,313 | 1,775 | 30.4% | 1,968 | 1,406 | 191 | 183 | 36 | 41 | 118 | 145 |
| Georgia | 1,370 | 1,229 | 11.5% | 63 | 64 | 1,000 | 856 | NM | NM | 306 | 308 |
| Maryland | 175 | 160 | 9.6% | NM | NM | 172 | 156 | NM | 3 | 0 | 0 |
| North Carolina | 1,415 | 1,368 | 3.4% | 77 | 77 | 1,244 | 1,189 | 12 | 12 | 82 | 91 |
| South Carolina | 474 | 454 | 4.4% | NM | 6 | 338 | 315 | 0 | 0 | 131 | 133 |
| Virginia | 951 | 891 | 6.8% | 304 | 333 | 514 | 417 | 35 | 36 | 98 | 104 |
| West Virginia | 130 | 141 | -8.0% | NM | 0 | 126 | 141 | 0 | 0 | 0 | 0 |
| East South Central | 854 | 772 | 10.6% | 33 | 36 | 386 | 297 | NM | NM | 434 | 438 |
| Alabama | 388 | 407 | -4.7% | NM | 3 | 125 | 133 | 0 | 0 | 260 | 271 |
| Kentucky | 52 | 55 | -6.7% | 11 | 13 | 13 | 14 | NM | NM | 27 | 29 |
| Mississippi | 261 | 167 | 56.5% | 19 | 21 | 135 | 43 | 0 | 0 | 108 | 103 |
| Tennessee | 154 | 143 | 7.5% | NM | NM | 114 | 107 | NM | NM | 39 | 35 |
| West South Central | 18,487 | 14,051 | 31.6% | 663 | 202 | 17,476 | 13,535 | 11 | 5 | 338 | 308 |
| Arkansas | 270 | 138 | 95.1% | 26 | 28 | 172 | 48 | 2 | 2 | 70 | 61 |
| Louisiana | 253 | 198 | 27.4% | 4 | 4 | 76 | 34 | 0 | 0 | 172 | 160 |
| Oklahoma | 3,183 | 2,504 | 27.1% | 588 | 143 | 2,567 | 2,341 | 0 | -1 | 29 | 22 |
| Texas | 14,782 | 11,210 | 31.9% | 44 | 27 | 14,661 | 11,113 | 10 | 5 | 67 | 65 |
| Mountain | 9,515 | 7,161 | 32.9% | 1,482 | 1,208 | 7,981 | 5,918 | 13 | 13 | 39 | 23 |
| Arizona | 1,326 | 959 | 38.3% | 75 | 60 | 1,245 | 894 | NM | 3 | NM | NM |
| Colorado | 2,135 | 1,636 | 30.5% | 435 | 379 | 1,695 | 1,255 | NM | NM | NM | 0 |
| Idaho | 409 | 301 | 35.6% | 47 | 43 | 328 | 238 | 3 | 3 | 31 | 17 |
| Montana | 561 | 307 | 83.1% | 76 | 56 | 485 | 249 | 0 | 0 | 0 | 2 |
| Nevada | 1,785 | 1,442 | 23.8% | 66 | 21 | 1,713 | 1,416 | 5 | 5 | NM | NM |
| New Mexico | 1,792 | 1,365 | 31.3% | 310 | 271 | 1,482 | 1,094 | NM | NM | 0 | 0 |
| Utah | 656 | 528 | 24.2% | 22 | 26 | 631 | 501 | 1 | 1 | NM | 0 |
| Wyoming | 852 | 623 | 36.7% | 452 | 353 | 400 | 271 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 10,387 | 8,711 | 19.2% | 889 | 613 | 9,230 | 7,798 | 85 | 81 | 184 | 220 |
| California | 7,990 | 6,816 | 17.2% | 205 | 150 | 7,612 | 6,500 | 82 | 77 | 91 | 88 |
| Oregon | 1,420 | 1,199 | 18.4% | 211 | 164 | 1,162 | 983 | 2 | 3 | 45 | 49 |
| Washington | 978 | 697 | 40.3% | 472 | 299 | 457 | 315 | NM | NM | 48 | 83 |
| Pacific Noncontiguous | 168 | 183 | -8.0% | 16 | 15 | 136 | 153 | 17 | 14 | 0 | 0 |
| Alaska | 17 | 13 | 29.1% | NM | NM | NM | NM | 3 | 3 | 0 | 0 |
| Hawaii | 151 | 170 | -10.8% | 8 | 9 | 130 | 149 | 13 | 12 | 0 | 0 |
| U.S. Total | 66,176 | 54,516 | 21.4% | 10,786 | 8,511 | 52,991 | 43,573 | 409 | 395 | 1,989 | 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.11.B. Utility Scale Facility Net Generation from Renewable Sources Excluding Hydroelectric

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 5,194 | 5,017 | 3.5% | 251 | 258 | 4,484 | 4,256 | 204 | 212 | 255 | 292 |
| Connecticut | 362 | 353 | 2.4% | 1 | 0 | 356 | 349 | NM | 2 | NM | NM |
| Maine | 2,185 | 2,145 | 1.8% | 0 | 0 | 1,933 | 1,856 | 2 | 4 | 250 | 285 |
| Massachusetts | 1,295 | 1,244 | 4.2% | 54 | 52 | 1,056 | 1,001 | 181 | 186 | NM | NM |
| New Hampshire | 523 | 518 | 1.0% | 0 | 0 | 508 | 503 | 15 | 15 | 0 | 0 |
| Rhode Island | 438 | 363 | 20.6% | 0 | 0 | 435 | 360 | 2 | 3 | 0 | 0 |
| Vermont | 392 | 394 | -0.6% | 196 | 206 | 195 | 188 | 1 | 1 | 0 | 0 |
| Middle Atlantic | 8,219 | 7,235 | 13.6% | 174 | 136 | 7,244 | 6,368 | 572 | 500 | 229 | 232 |
| New Jersey | 994 | 916 | 8.5% | 52 | 44 | 726 | 678 | 215 | 192 | NM | NM |
| New York | 4,540 | 3,902 | 16.4% | 122 | 91 | 4,085 | 3,521 | 263 | 226 | 69 | 64 |
| Pennsylvania | 2,685 | 2,417 | 11.1% | 0 | 0 | 2,433 | 2,168 | 94 | 82 | 158 | 167 |
| East North Central | 30,538 | 26,372 | 15.8% | 4,939 | 3,656 | 25,067 | 22,188 | 55 | 59 | 478 | 468 |
| Illinois | 13,209 | 11,682 | 13.1% | 42 | 48 | 13,165 | 11,631 | NM | NM | 0 | 0 |
| Indiana | 5,923 | 5,568 | 6.4% | 685 | 300 | 5,218 | 5,248 | 1 | 1 | 20 | 20 |
| Michigan | 6,214 | 5,432 | 14.4% | 2,654 | 2,254 | 3,300 | 2,949 | 19 | 18 | 241 | 211 |
| Ohio | 2,806 | 1,944 | 44.4% | 7 | 6 | 2,697 | 1,811 | 6 | 7 | 97 | 120 |
| Wisconsin | 2,387 | 1,747 | 36.6% | 1,551 | 1,048 | 688 | 549 | 27 | 31 | 121 | 118 |
| West North Central | 65,036 | 62,984 | 3.3% | 24,309 | 23,589 | 40,291 | 39,013 | 68 | 72 | 368 | 310 |
| Iowa | 21,694 | 21,095 | 2.8% | 15,583 | 15,227 | 6,077 | 5,837 | 4 | 6 | 29 | 25 |
| Kansas | 13,479 | 12,614 | 6.9% | 1,293 | 1,169 | 12,174 | 11,433 | NM | NM | NM | NM |
| Minnesota | 8,533 | 8,246 | 3.5% | 2,794 | 2,488 | 5,382 | 5,452 | 36 | 39 | 321 | 267 |
| Missouri | 3,555 | 3,540 | 0.4% | 1,465 | 1,441 | 2,072 | 2,086 | 17 | 12 | 1 | 1 |
| Nebraska | 5,789 | 6,087 | -4.9% | 77 | 79 | 5,707 | 6,000 | 5 | 8 | 0 | 0 |
| North Dakota | 6,785 | 6,972 | -2.7% | 2,397 | 2,490 | 4,387 | 4,482 | 0 | 0 | 0 | 0 |
| South Dakota | 5,203 | 4,430 | 17.5% | 701 | 696 | 4,491 | 3,723 | 0 | 0 | 11 | 11 |
| South Atlantic | 28,298 | 25,274 | 12.0% | 9,234 | 7,528 | 15,058 | 13,613 | 413 | 443 | 3,593 | 3,690 |
| Delaware | 90 | 99 | -8.9% | NM | 3 | 77 | 86 | 2 | 3 | 9 | 8 |
| District of Columbia | 36 | 35 | 3.4% | NM | NM | 11 | 10 | 25 | 25 | 0 | 0 |
| Florida | 9,054 | 7,411 | 22.2% | 7,443 | 5,697 | 854 | 852 | 167 | 189 | 591 | 674 |
| Georgia | 5,670 | 5,140 | 10.3% | 208 | 256 | 4,012 | 3,433 | NM | NM | 1,450 | 1,450 |
| Maryland | 828 | 737 | 12.4% | 3 | 3 | 817 | 723 | 8 | 11 | 0 | 0 |
| North Carolina | 5,726 | 5,376 | 6.5% | 311 | 293 | 4,964 | 4,605 | 44 | 44 | 405 | 435 |
| South Carolina | 2,025 | 1,924 | 5.2% | 26 | 27 | 1,346 | 1,266 | 0 | 0 | 654 | 632 |
| Virginia | 3,830 | 3,496 | 9.5% | 1,225 | 1,249 | 1,954 | 1,584 | 166 | 170 | 485 | 492 |
| West Virginia | 1,040 | 1,056 | -1.5% | 15 | 0 | 1,025 | 1,056 | 0 | 0 | 0 | 0 |
| East South Central | 3,625 | 3,258 | 11.3% | 128 | 136 | 1,386 | 1,022 | 3 | 3 | 2,108 | 2,096 |
| Alabama | 1,793 | 1,732 | 3.5% | 10 | 10 | 476 | 439 | 0 | 0 | 1,307 | 1,284 |
| Kentucky | 240 | 238 | 0.8% | 49 | 55 | 47 | 48 | NM | NM | 142 | 134 |
| Mississippi | 972 | 772 | 25.9% | 67 | 71 | 403 | 167 | 0 | 0 | 501 | 534 |
| Tennessee | 621 | 516 | 20.3% | NM | NM | 460 | 368 | NM | NM | 158 | 145 |
| West South Central | 90,478 | 84,065 | 7.6% | 1,835 | 1,291 | 86,998 | 81,211 | 64 | 29 | 1,582 | 1,534 |
| Arkansas | 1,017 | 586 | 73.6% | 97 | 97 | 574 | 176 | 6 | 7 | 339 | 305 |
| Louisiana | 1,105 | 936 | 18.1% | 16 | 15 | 298 | 130 | 0 | 0 | 791 | 791 |
| Oklahoma | 17,534 | 17,449 | 0.5% | 1,564 | 1,038 | 15,840 | 16,295 | -1 | -4 | 131 | 120 |
| Texas | 70,822 | 65,095 | 8.8% | 158 | 140 | 70,285 | 64,610 | 58 | 26 | 321 | 318 |
| Mountain | 40,670 | 36,164 | 12.5% | 7,008 | 6,901 | 33,442 | 29,053 | 55 | 53 | 165 | 156 |
| Arizona | 4,766 | 3,673 | 29.8% | 271 | 219 | 4,476 | 3,434 | 10 | 10 | 10 | 10 |
| Colorado | 9,539 | 8,318 | 14.7% | 1,958 | 1,935 | 7,565 | 6,375 | 7 | 7 | 8 | 1 |
| Idaho | 1,804 | 1,673 | 7.8% | 182 | 181 | 1,474 | 1,347 | 12 | 12 | 136 | 133 |
| Montana | 2,755 | 2,167 | 27.1% | 440 | 469 | 2,311 | 1,691 | 0 | 0 | 4 | 8 |
| Nevada | 6,362 | 5,770 | 10.3% | 114 | 75 | 6,224 | 5,674 | 19 | 18 | 4 | 4 |
| New Mexico | 8,599 | 8,114 | 6.0% | 1,447 | 1,468 | 7,151 | 6,645 | NM | NM | 0 | 0 |
| Utah | 2,372 | 2,102 | 12.8% | 114 | 125 | 2,250 | 1,971 | 5 | 6 | NM | 0 |
| Wyoming | 4,473 | 4,347 | 2.9% | 2,482 | 2,430 | 1,991 | 1,917 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 40,476 | 37,932 | 6.7% | 3,385 | 3,250 | 35,786 | 33,309 | 389 | 382 | 916 | 992 |
| California | 30,556 | 28,381 | 7.7% | 648 | 677 | 29,142 | 26,957 | 372 | 365 | 394 | 382 |
| Oregon | 5,373 | 5,185 | 3.6% | 687 | 663 | 4,437 | 4,285 | 13 | 12 | 236 | 224 |
| Washington | 4,547 | 4,366 | 4.2% | 2,050 | 1,909 | 2,207 | 2,066 | 5 | 5 | 285 | 386 |
| Pacific Noncontiguous | 831 | 810 | 2.5% | 77 | 77 | 675 | 660 | 79 | 73 | 0 | 0 |
| Alaska | 88 | 80 | 10.0% | 40 | 39 | 31 | 26 | 17 | 15 | 0 | 0 |
| Hawaii | 742 | 730 | 1.7% | 37 | 38 | 644 | 634 | 61 | 58 | 0 | 0 |
| U.S. Total | 313,367 | 289,111 | 8.4% | 51,340 | 46,822 | 250,430 | 230,692 | 1,903 | 1,826 | 9,694 | 9,771 |

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

## Table 1.12.A. Utility Scale Facility Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | -41 | -38 | 7.6% | 0 | 0 | -41 | -38 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -8.7% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | -41 | -39 | 7.4% | 0 | 0 | -41 | -39 | 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 | -133 | -102 | 30.6% | -33 | -26 | -99 | -76 | 0 | 0 | 0 | 0 |
| New Jersey | -22 | -14 | 49.5% | 0 | 0 | -22 | -14 | 0 | 0 | 0 | 0 |
| New York | -33 | -26 | 28.7% | -33 | -26 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | -78 | -61 | 26.9% | 0 | 0 | -78 | -61 | 0 | 0 | 0 | 0 |
| East North Central | -78 | -49 | 57.1% | -78 | -49 | 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 | -78 | -49 | 57.1% | -78 | -49 | 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 | 112 | -4 | NM | 112 | -4 | 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 | 112 | -4 | NM | 112 | -4 | 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 | -169 | -143 | 18.3% | -169 | -143 | 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 | -26 | -9 | 199.0% | -26 | -9 | 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 | -28 | -34 | -16.2% | -28 | -34 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | -114 | -100 | 14.2% | -114 | -100 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | -75 | -49 | 53.7% | -75 | -49 | 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 | -75 | -49 | 53.7% | -75 | -49 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | -1 | 3 | -117.0% | -1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 5 | 11 | -56.5% | 5 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | -5 | -8 | -31.5% | -5 | -8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | -2 | 10 | -121.0% | -2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | -14 | 7 | -300.6% | -14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 12 | 3 | 309.4% | 12 | 3 | 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 | 93 | -78 | -219.8% | 93 | -78 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 94 | -77 | -220.9% | 94 | -77 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | 0.5% | 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 | -292 | -450 | -35.1% | -152 | -336 | -140 | -114 | 0 | 0 | 0 | 0 |

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

## Table 1.12.B. Utility Scale Facility Net Generation from Hydroelectric (Pumped Storage) Power

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | -184 | -179 | 2.7% | 0 | 0 | -184 | -179 | 0 | 0 | 0 | 0 |
| Connecticut | 5 | -3 | -262.6% | 0 | 0 | 5 | -3 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | -189 | -176 | 7.7% | 0 | 0 | -189 | -176 | 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 | -576 | -464 | 24.2% | -146 | -115 | -430 | -349 | 0 | 0 | 0 | 0 |
| New Jersey | -83 | -48 | 72.6% | 0 | 0 | -83 | -48 | 0 | 0 | 0 | 0 |
| New York | -146 | -115 | 27.1% | -146 | -115 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | -347 | -301 | 15.4% | 0 | 0 | -347 | -301 | 0 | 0 | 0 | 0 |
| East North Central | -276 | -272 | 1.2% | -276 | -272 | 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 | -276 | -272 | 1.2% | -276 | -272 | 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 | 136 | 28 | 377.8% | 136 | 28 | 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 | 136 | 28 | 377.8% | 136 | 28 | 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 | -689 | -732 | -5.8% | -689 | -732 | 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 | -151 | -75 | 101.8% | -151 | -75 | 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 | -41 | -234 | -82.3% | -41 | -234 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | -497 | -423 | 17.4% | -497 | -423 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | -190 | -197 | -3.3% | -190 | -197 | 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 | -190 | -197 | -3.3% | -190 | -197 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 31 | 45 | -32.2% | 31 | 45 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 55 | 75 | -26.7% | 55 | 75 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | -24 | -30 | -18.3% | -24 | -30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | -3 | 56 | -105.3% | -3 | 56 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | -50 | 69 | -173.3% | -50 | 69 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 47 | -13 | -466.6% | 47 | -13 | 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 | -20 | -588 | -96.5% | -20 | -588 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | -23 | -585 | -96.1% | -23 | -585 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 3 | -3 | -191.2% | 3 | -3 | 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 | -1,771 | -2,302 | -23.0% | -1,157 | -1,774 | -614 | -528 | 0 | 0 | 0 | 0 |

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

## Table 1.13.A. Utility Scale Facility Net Generation from Other Energy Sources by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 133 | 139 | -3.9% | 0 | 0 | 87 | 87 | 38 | 39 | 8 | 12 |
| Connecticut | 37 | 35 | 5.8% | 0 | 0 | 37 | 35 | 0 | 0 | 0 | 0 |
| Maine | 19 | 27 | -28.0% | 0 | 0 | 11 | 14 | 1 | 1 | 8 | 12 |
| Massachusetts | 73 | 73 | 0.3% | 0 | 0 | 35 | 35 | 38 | 38 | 0 | 0 |
| New Hampshire | 4 | 4 | -0.9% | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -20.3% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 222 | 210 | 5.4% | 0 | 0 | 85 | 88 | 130 | 122 | 7 | 0 |
| New Jersey | 55 | 47 | 16.7% | 0 | 0 | 9 | 9 | 39 | 38 | 7 | 0 |
| New York | 91 | 89 | 1.9% | 0 | 0 | 20 | 20 | 71 | 70 | 0 | 0 |
| Pennsylvania | 76 | 74 | 2.4% | 0 | 0 | 56 | 59 | 20 | 15 | 0 | 0 |
| East North Central | 70 | 80 | -12.6% | 2 | 2 | 5 | 5 | 4 | 4 | 59 | 69 |
| Illinois | 23 | 24 | -1.3% | 0 | 0 | 0 | -1 | 0 | 0 | 23 | 24 |
| Indiana | 35 | 43 | -18.6% | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 43 |
| Michigan | 9 | 10 | -8.5% | 0 | 0 | 5 | 6 | 4 | 4 | 0 | 0 |
| Ohio | 0 | 1 | -76.3% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Wisconsin | 2 | 2 | -0.5% | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 35 | 24 | 46.4% | 15 | 10 | 16 | 10 | NM | NM | 0 | 0 |
| Iowa | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 95.8% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 32 | 23 | 43.4% | 14 | 9 | 16 | 10 | NM | NM | 0 | 0 |
| Missouri | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 283 | 300 | -5.7% | -3 | -4 | 93 | 112 | 84 | 92 | 109 | 100 |
| 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 | 175 | 208 | -16.1% | -3 | -4 | 61 | 86 | 42 | 48 | 74 | 78 |
| Georgia | 4 | 4 | 0.1% | 0 | 0 | 0 | -1 | 0 | 0 | 4 | 4 |
| Maryland | 32 | 27 | 20.6% | 0 | 0 | 32 | 27 | 0 | 0 | 0 | 0 |
| North Carolina | 27 | 15 | 75.9% | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 15 |
| South Carolina | 4 | 4 | 5.3% | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 3 |
| Virginia | 42 | 43 | -3.7% | 0 | 0 | 0 | 0 | 42 | 43 | 0 | 0 |
| West Virginia | -1 | -1 | -39.0% | 0 | 0 | -1 | -1 | 0 | 0 | 0 | 0 |
| East South Central | 0 | 9 | -99.8% | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 9 | -100.0% | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | -49.6% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 26 | 61 | -57.5% | 2 | 2 | -13 | 1 | 0 | -1 | 37 | 60 |
| Arkansas | 1 | 1 | 10.5% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Louisiana | 30 | 32 | -4.0% | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 32 |
| Oklahoma | 2 | 1 | 342.6% | 2 | 2 | 0 | 0 | 0 | -1 | 0 | 0 |
| Texas | -7 | 28 | -126.4% | 0 | 0 | -13 | 1 | 0 | 0 | 6 | 28 |
| Mountain | 20 | 31 | -36.6% | 1 | 5 | -2 | 15 | 0 | 0 | 20 | 11 |
| Arizona | -10 | -1 | NM | 0 | 0 | -10 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 2 | 4 | -54.3% | 0 | 0 | -2 | 0 | 0 | 0 | 4 | 4 |
| Idaho | 2 | 7 | -68.2% | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 |
| Montana | 22 | 18 | 26.5% | 0 | 0 | 22 | 18 | 0 | 0 | 0 | 0 |
| Nevada | -12 | -1 | NM | -3 | 2 | -9 | -3 | 0 | 0 | 0 | 0 |
| New Mexico | -3 | 0 | NM | 0 | 0 | -3 | 0 | 0 | 0 | 0 | 0 |
| Utah | 17 | NM | NM | 5 | NM | 0 | 0 | 0 | 0 | 12 | 0 |
| Wyoming | 2 | 1 | 139.3% | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Pacific Contiguous | 4 | -10 | -141.1% | -5 | -3 | -18 | -30 | 5 | 0 | 22 | 23 |
| California | -3 | -15 | -78.7% | -5 | -3 | -25 | -35 | 5 | 0 | 22 | 23 |
| Oregon | 2 | 0 | NM | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Washington | 5 | 5 | 6.2% | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 13 | 13 | -1.6% | 0 | 0 | -2 | 0 | 15 | 14 | 0 | 0 |
| Alaska | 0 | 0 | -39.8% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 13 | 14 | -2.3% | 0 | 0 | -2 | 0 | 15 | 14 | 0 | 0 |
| U.S. Total | 805 | 857 | -6.1% | 14 | 21 | 250 | 288 | 279 | 272 | 262 | 276 |

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

## Table 1.13.B. Utility Scale Facility Net Generation from Other Energy Sources

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 687 | 690 | -0.5% | 1 | 2 | 432 | 429 | 195 | 203 | 58 | 56 |
| Connecticut | 169 | 177 | -4.6% | 0 | 0 | 169 | 177 | 0 | 0 | 0 | 0 |
| Maine | 128 | 120 | 6.2% | 0 | 0 | 66 | 59 | 3 | 5 | 58 | 56 |
| Massachusetts | 369 | 370 | -0.4% | 0 | 0 | 177 | 173 | 192 | 198 | 0 | 0 |
| New Hampshire | 20 | 21 | -1.5% | 0 | 0 | 20 | 21 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 1 | 2 | -32.9% | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 1,028 | 922 | 11.4% | 0 | 0 | 414 | 412 | 585 | 510 | 29 | 0 |
| New Jersey | 261 | 210 | 24.2% | 0 | 0 | 50 | 49 | 182 | 161 | 29 | 0 |
| New York | 406 | 358 | 13.3% | 0 | 0 | 91 | 89 | 315 | 270 | 0 | 0 |
| Pennsylvania | 361 | 354 | 2.0% | 0 | 0 | 273 | 275 | 88 | 79 | 0 | 0 |
| East North Central | 317 | 367 | -13.6% | 7 | 8 | 20 | 32 | 22 | 21 | 268 | 306 |
| Illinois | 104 | 112 | -7.4% | 0 | 0 | -2 | -4 | 0 | 0 | 106 | 117 |
| Indiana | 159 | 184 | -13.1% | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 184 |
| Michigan | 44 | 57 | -22.5% | 0 | 0 | 22 | 36 | 22 | 21 | 0 | 0 |
| Ohio | 2 | 5 | -68.6% | 0 | 0 | 0 | 0 | 0 | 0 | NM | 6 |
| Wisconsin | 8 | 9 | -11.6% | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 115 | 113 | 1.9% | 46 | 47 | 54 | 52 | 13 | 14 | 2 | 0 |
| Iowa | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 2 | 0 | 880.7% | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Minnesota | 107 | 109 | -2.4% | 39 | 44 | 54 | 52 | 13 | 14 | 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 | 6 | 4 | 80.6% | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,351 | 1,461 | -7.6% | -13 | -13 | 454 | 517 | 392 | 425 | 517 | 533 |
| 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 | 858 | 1,019 | -15.8% | -12 | -13 | 317 | 405 | 194 | 221 | 359 | 406 |
| Georgia | 27 | 22 | 23.4% | 0 | 0 | 0 | -3 | 0 | 0 | 27 | 24 |
| Maryland | 138 | 118 | 16.8% | 0 | 0 | 138 | 118 | 0 | 0 | 0 | 0 |
| North Carolina | 113 | 90 | 25.1% | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 90 |
| South Carolina | 21 | 15 | 43.9% | 0 | 0 | 3 | 3 | 0 | 0 | 18 | 12 |
| Virginia | 198 | 204 | -2.6% | 0 | 0 | 0 | 0 | 198 | 204 | 0 | 0 |
| West Virginia | -4 | -6 | -29.8% | 0 | 0 | -4 | -6 | 0 | 0 | 0 | 0 |
| East South Central | 10 | 29 | -64.2% | 10 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 10 | 29 | -64.7% | 10 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | -14.9% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 91 | 261 | -65.3% | 6 | 3 | -60 | 0 | -1 | -5 | 146 | 262 |
| Arkansas | 4 | 3 | 22.2% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 |
| Louisiana | 67 | 104 | -35.8% | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 104 |
| Oklahoma | 6 | -1 | -690.2% | 7 | 4 | 0 | 0 | -1 | -5 | 0 | 0 |
| Texas | 14 | 154 | -90.8% | 0 | 0 | -60 | 0 | 0 | 0 | 75 | 155 |
| Mountain | 158 | 213 | -25.8% | 18 | 30 | 18 | 66 | 0 | 0 | 122 | 117 |
| Arizona | -38 | -5 | 694.1% | -2 | -2 | -36 | -3 | 0 | 0 | 0 | 0 |
| Colorado | 5 | 17 | -73.6% | 0 | 0 | -15 | 0 | 0 | 0 | 19 | 17 |
| Idaho | 25 | 30 | -19.3% | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 30 |
| Montana | 109 | 79 | 37.7% | 0 | 0 | 109 | 79 | 0 | 0 | 0 | 0 |
| Nevada | -28 | 2 | NM | 0 | 12 | -28 | -10 | 0 | 0 | 0 | 0 |
| New Mexico | -13 | -1 | NM | -1 | 0 | -12 | 0 | 0 | 0 | 0 | 0 |
| Utah | 67 | 61 | 9.7% | 21 | 21 | 0 | 0 | 0 | 0 | 46 | 41 |
| Wyoming | 32 | 29 | 11.4% | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 29 |
| Pacific Contiguous | -153 | -31 | 388.6% | -18 | -14 | -261 | -141 | 16 | 15 | 111 | 109 |
| California | -190 | -70 | 172.4% | -18 | -13 | -299 | -180 | 16 | 15 | 111 | 109 |
| Oregon | 8 | 10 | -23.9% | 0 | 0 | 8 | 10 | 0 | 0 | 0 | 0 |
| Washington | 30 | 28 | 4.6% | 0 | 0 | 30 | 28 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 62 | 68 | -7.7% | -1 | -1 | -8 | 0 | 72 | 69 | 0 | 0 |
| Alaska | -1 | -1 | 1.9% | -1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 63 | 69 | -7.5% | 0 | 0 | -8 | 0 | 72 | 69 | 0 | 0 |
| U.S. Total | 3,666 | 4,093 | -10.4% | 56 | 92 | 1,062 | 1,367 | 1,295 | 1,251 | 1,253 | 1,383 |

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

## Table 1.14.A. Utility Scale Facility Net Generation from Wind by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 236 | 361 | -34.7% | 15 | 21 | 219 | 337 | NM | 3 | 0 | NM |
| Connecticut | 1 | 1 | -22.5% | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Maine | 153 | 253 | -39.4% | 0 | 0 | 153 | 253 | 0 | 0 | 0 | 0 |
| Massachusetts | 15 | 15 | 0.6% | NM | 3 | 11 | 10 | NM | 2 | 0 | NM |
| New Hampshire | 26 | 44 | -41.6% | 0 | 0 | 26 | 44 | 0 | 0 | 0 | 0 |
| Rhode Island | 16 | 14 | 17.1% | 0 | 0 | 15 | 13 | 0 | 1 | 0 | 0 |
| Vermont | 25 | 34 | -27.1% | 13 | 18 | 12 | 16 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 706 | 628 | 12.4% | 16 | 16 | 689 | 611 | NM | NM | NM | NM |
| New Jersey | 1 | 1 | 6.9% | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| New York | 430 | 392 | 9.8% | 16 | 16 | 413 | 375 | NM | NM | NM | NM |
| Pennsylvania | 274 | 235 | 16.9% | 0 | 0 | 274 | 235 | 0 | 0 | 0 | 0 |
| East North Central | 3,674 | 3,380 | 8.7% | 479 | 428 | 3,184 | 2,942 | NM | NM | NM | 8 |
| Illinois | 1,892 | 1,690 | 11.9% | NM | NM | 1,890 | 1,689 | NM | NM | 0 | 0 |
| Indiana | 701 | 708 | -1.0% | 0 | 0 | 701 | 708 | 0 | 0 | 0 | 0 |
| Michigan | 731 | 630 | 16.1% | 391 | 351 | 340 | 279 | 0 | 0 | 0 | 0 |
| Ohio | 188 | 213 | -11.8% | NM | NM | 178 | 205 | 0 | 0 | NM | NM |
| Wisconsin | 162 | 139 | 16.7% | 87 | 76 | 74 | 61 | NM | NM | 0 | 1 |
| West North Central | 11,157 | 10,026 | 11.3% | 4,094 | 3,719 | 7,058 | 6,303 | NM | NM | NM | NM |
| Iowa | 3,608 | 3,395 | 6.3% | 2,576 | 2,411 | 1,032 | 984 | 0 | 0 | 0 | 0 |
| Kansas | 2,469 | 2,016 | 22.5% | 223 | 173 | 2,244 | 1,841 | NM | NM | NM | NM |
| Minnesota | 1,286 | 1,258 | 2.2% | 545 | 427 | 739 | 829 | NM | NM | 0 | 0 |
| Missouri | 487 | 424 | 15.0% | 173 | 158 | 315 | 265 | 0 | 0 | 0 | 0 |
| Nebraska | 1,079 | 981 | 10.1% | NM | NM | 1,070 | 973 | 0 | 0 | 0 | 0 |
| North Dakota | 1,249 | 1,162 | 7.5% | 441 | 420 | 808 | 743 | 0 | 0 | 0 | 0 |
| South Dakota | 977 | 790 | 23.8% | 128 | 121 | 849 | 668 | 0 | 0 | 0 | 0 |
| South Atlantic | 176 | 227 | -22.4% | 4 | 4 | 172 | 222 | 0 | 0 | 0 | 0 |
| Delaware | 0 | 0 | -98.6% | 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 | 32 | 27 | 19.2% | 0 | 0 | 32 | 27 | 0 | 0 | 0 | 0 |
| North Carolina | 32 | 56 | -42.9% | 0 | 0 | 32 | 56 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 4 | 4 | -5.7% | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 109 | 140 | -22.5% | 0 | 0 | 109 | 140 | 0 | 0 | 0 | 0 |
| East South Central | 41 | NM | NM | 0 | 0 | 41 | NM | 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 | 39 | 0 | -- | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| West South Central | 14,442 | 10,919 | 32.3% | 598 | 150 | 13,838 | 10,765 | 5 | 4 | 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 | 3,119 | 2,474 | 26.1% | 580 | 136 | 2,539 | 2,339 | 0 | 0 | 0 | 0 |
| Texas | 11,322 | 8,445 | 34.1% | 18 | 14 | 11,299 | 8,426 | 5 | 4 | 0 | 0 |
| Mountain | 4,940 | 3,790 | 30.3% | 1,238 | 1,025 | 3,702 | 2,765 | NM | NM | 0 | 0 |
| Arizona | 274 | 155 | 76.4% | 0 | 0 | 274 | 155 | 0 | 0 | 0 | 0 |
| Colorado | 1,627 | 1,350 | 20.5% | 433 | 378 | 1,194 | 972 | 0 | 0 | 0 | 0 |
| Idaho | 257 | 177 | 45.5% | 13 | 12 | 244 | 165 | 0 | 0 | 0 | 0 |
| Montana | 524 | 281 | 86.6% | 75 | 56 | 449 | 225 | 0 | 0 | 0 | 0 |
| Nevada | 28 | 23 | 20.1% | 0 | 0 | 28 | 23 | 0 | 0 | 0 | 0 |
| New Mexico | 1,379 | 1,145 | 20.4% | 265 | 227 | 1,114 | 918 | NM | NM | 0 | 0 |
| Utah | 55 | 52 | 5.7% | 0 | 0 | 55 | 52 | 0 | 0 | 0 | 0 |
| Wyoming | 797 | 607 | 31.1% | 452 | 353 | 345 | 255 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 3,500 | 2,666 | 31.3% | 757 | 509 | 2,741 | 2,156 | 1 | 0 | 1 | 1 |
| California | 1,576 | 1,232 | 27.9% | 101 | 73 | 1,474 | 1,158 | 1 | 0 | 1 | 1 |
| Oregon | 1,079 | 865 | 24.7% | 206 | 159 | 873 | 706 | 0 | 0 | 0 | 0 |
| Washington | 845 | 569 | 48.4% | 450 | 278 | 395 | 292 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 65 | 68 | -5.0% | NM | NM | 57 | 62 | 0 | 0 | 0 | 0 |
| Alaska | NM | 10 | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 |
| Hawaii | 53 | 58 | -8.5% | 0 | 0 | 53 | 58 | 0 | 0 | 0 | 0 |
| U.S. Total | 38,936 | 32,066 | 21.4% | 7,210 | 5,878 | 31,701 | 26,165 | 14 | 14 | NM | 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.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.14.B. Utility Scale Facility Net Generation from Wind

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 1,727 | 1,791 | -3.6% | 93 | 96 | 1,620 | 1,678 | 12 | 14 | NM | NM |
| Connecticut | 5 | 5 | 5.0% | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| Maine | 1,194 | 1,248 | -4.3% | 0 | 0 | 1,194 | 1,248 | 0 | 0 | 0 | 0 |
| Massachusetts | 80 | 94 | -15.2% | 19 | 18 | 50 | 63 | 9 | 11 | NM | NM |
| New Hampshire | 205 | 200 | 2.2% | 0 | 0 | 205 | 200 | 0 | 0 | 0 | 0 |
| Rhode Island | 90 | 86 | 5.1% | 0 | 0 | 88 | 83 | 2 | 3 | 0 | 0 |
| Vermont | 153 | 158 | -3.4% | 74 | 78 | 79 | 80 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 4,350 | 3,910 | 11.3% | 122 | 91 | 4,225 | 3,817 | NM | NM | NM | NM |
| New Jersey | 9 | 9 | -0.8% | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 |
| New York | 2,695 | 2,286 | 17.9% | 122 | 91 | 2,570 | 2,193 | NM | NM | NM | NM |
| Pennsylvania | 1,646 | 1,615 | 1.9% | 0 | 0 | 1,646 | 1,615 | 0 | 0 | 0 | 0 |
| East North Central | 24,119 | 22,083 | 9.2% | 3,178 | 2,748 | 20,878 | 19,272 | 14 | 15 | 49 | 48 |
| Illinois | 12,141 | 10,834 | 12.1% | 6 | 6 | 12,132 | 10,826 | NM | NM | 0 | 0 |
| Indiana | 4,868 | 4,883 | -0.3% | 0 | 0 | 4,868 | 4,883 | 0 | 0 | 0 | 0 |
| Michigan | 4,686 | 4,067 | 15.2% | 2,623 | 2,225 | 2,062 | 1,842 | 0 | 0 | 0 | 0 |
| Ohio | 1,446 | 1,456 | -0.7% | NM | NM | 1,396 | 1,406 | 1 | 2 | 46 | 45 |
| Wisconsin | 979 | 842 | 16.2% | 545 | 513 | 420 | 315 | 11 | 11 | 3 | 3 |
| West North Central | 63,022 | 61,215 | 3.0% | 23,996 | 23,329 | 38,998 | 37,858 | 22 | 22 | NM | NM |
| Iowa | 21,369 | 20,804 | 2.7% | 15,428 | 15,093 | 5,940 | 5,710 | 1 | 2 | 0 | 0 |
| Kansas | 13,424 | 12,559 | 6.9% | 1,285 | 1,163 | 12,127 | 11,383 | NM | NM | NM | NM |
| Minnesota | 7,173 | 7,016 | 2.2% | 2,696 | 2,424 | 4,464 | 4,578 | 14 | 14 | 0 | 0 |
| Missouri | 3,441 | 3,428 | 0.4% | 1,442 | 1,417 | 1,999 | 2,012 | 0 | 0 | 0 | 0 |
| Nebraska | 5,708 | 6,018 | -5.1% | 48 | 47 | 5,660 | 5,971 | 0 | 0 | 0 | 0 |
| North Dakota | 6,785 | 6,972 | -2.7% | 2,397 | 2,490 | 4,387 | 4,482 | 0 | 0 | 0 | 0 |
| South Dakota | 5,123 | 4,418 | 16.0% | 701 | 696 | 4,423 | 3,722 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,531 | 1,597 | -4.1% | 24 | 25 | 1,506 | 1,570 | 1 | 2 | 0 | 0 |
| Delaware | 1 | 2 | -62.9% | 0 | 0 | 0 | 0 | 1 | 2 | 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 | 270 | 239 | 13.2% | 0 | 0 | 270 | 239 | 0 | 0 | 0 | 0 |
| North Carolina | 258 | 280 | -7.8% | 0 | 0 | 258 | 280 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 24 | 25 | -1.1% | 24 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 977 | 1,051 | -7.0% | 0 | 0 | 977 | 1,051 | 0 | 0 | 0 | 0 |
| East South Central | 116 | 11 | 956.8% | 0 | 0 | 116 | 11 | 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 | 104 | 0 | -- | 0 | 0 | 104 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 12 | 11 | 8.2% | 0 | 0 | 12 | 11 | 0 | 0 | 0 | 0 |
| West South Central | 74,515 | 72,507 | 2.8% | 1,627 | 1,103 | 72,875 | 71,379 | 13 | 25 | 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 | 17,341 | 17,298 | 0.3% | 1,535 | 1,011 | 15,807 | 16,287 | 0 | 0 | 0 | 0 |
| Texas | 57,173 | 55,209 | 3.6% | 92 | 92 | 57,069 | 55,092 | 13 | 25 | 0 | 0 |
| Mountain | 24,345 | 23,298 | 4.5% | 6,228 | 6,206 | 18,116 | 17,090 | NM | NM | 1 | 1 |
| Arizona | 1,007 | 761 | 32.3% | 0 | 0 | 1,007 | 761 | 0 | 0 | 0 | 0 |
| Colorado | 7,510 | 7,228 | 3.9% | 1,953 | 1,930 | 5,555 | 5,297 | 0 | 0 | 1 | 1 |
| Idaho | 1,260 | 1,159 | 8.7% | 74 | 73 | 1,186 | 1,086 | 0 | 0 | 0 | 0 |
| Montana | 2,618 | 2,093 | 25.1% | 436 | 465 | 2,182 | 1,628 | 0 | 0 | 0 | 0 |
| Nevada | 148 | 153 | -3.3% | 0 | 0 | 148 | 153 | 0 | 0 | 0 | 0 |
| New Mexico | 7,119 | 7,288 | -2.3% | 1,283 | 1,308 | 5,835 | 5,979 | NM | NM | 0 | 0 |
| Utah | 321 | 337 | -4.7% | 0 | 0 | 321 | 337 | 0 | 0 | 0 | 0 |
| Wyoming | 4,363 | 4,279 | 2.0% | 2,482 | 2,430 | 1,881 | 1,849 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 15,035 | 14,396 | 4.4% | 2,860 | 2,709 | 12,170 | 11,682 | 3 | 3 | 1 | 2 |
| California | 6,965 | 6,684 | 4.2% | 254 | 268 | 6,707 | 6,411 | 3 | 3 | 1 | 2 |
| Oregon | 4,125 | 4,012 | 2.8% | 663 | 638 | 3,462 | 3,374 | 0 | 0 | 0 | 0 |
| Washington | 3,945 | 3,700 | 6.6% | 1,944 | 1,803 | 2,001 | 1,897 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 346 | 307 | 12.6% | 39 | 38 | 307 | 269 | 0 | 0 | 0 | 0 |
| Alaska | 65 | 64 | 1.3% | 39 | 38 | 26 | 26 | 0 | 0 | 0 | 0 |
| Hawaii | 281 | 243 | 15.6% | 0 | 0 | 281 | 243 | 0 | 0 | 0 | 0 |
| U.S. Total | 209,105 | 201,114 | 4.0% | 38,168 | 36,344 | 170,811 | 164,626 | 66 | 83 | 60 | 61 |

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

## Table 1.15.A. Utility Scale Facility Net Generation from Biomass by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 326 | 356 | -8.5% | NM | 6 | 246 | 255 | 36 | 36 | 39 | 60 |
| Connecticut | 38 | 40 | -3.4% | 0 | 0 | 38 | 40 | 0 | 0 | 0 | 0 |
| Maine | 115 | 140 | -17.6% | 0 | 0 | 75 | 79 | 0 | 1 | 39 | 60 |
| Massachusetts | 74 | 75 | -1.4% | 0 | 0 | 41 | 42 | 33 | 33 | 0 | 0 |
| New Hampshire | 62 | 65 | -3.7% | 0 | 0 | 60 | 63 | 3 | 2 | 0 | 0 |
| Rhode Island | 22 | 21 | 1.3% | 0 | 0 | 22 | 21 | 0 | 0 | 0 | 0 |
| Vermont | NM | NM | NM | NM | 6 | NM | NM | 0 | 0 | 0 | 0 |
| Middle Atlantic | 322 | 328 | -1.8% | 0 | 0 | 175 | 182 | 110 | 104 | 37 | 42 |
| New Jersey | 56 | 54 | 4.3% | 0 | 0 | 24 | 22 | 32 | 31 | 0 | 0 |
| New York | 134 | 136 | -1.3% | 0 | 0 | 67 | 70 | 58 | 57 | 9 | 9 |
| Pennsylvania | 132 | 138 | -4.6% | 0 | 0 | 84 | 89 | 20 | 16 | 29 | 33 |
| East North Central | 339 | 357 | -5.1% | 69 | 82 | 173 | 186 | 7 | 7 | 90 | 82 |
| Illinois | 22 | 25 | -13.4% | NM | 9 | 15 | 16 | 0 | 0 | 0 | 0 |
| Indiana | 29 | 33 | -11.6% | 22 | 23 | 3 | 5 | 0 | 0 | 4 | 4 |
| Michigan | 176 | 172 | 2.5% | 0 | 0 | 122 | 130 | 3 | 3 | 51 | 39 |
| Ohio | 21 | 27 | -19.9% | 0 | 0 | 10 | 11 | 1 | 1 | 11 | 15 |
| Wisconsin | 91 | 101 | -9.8% | 40 | 50 | 23 | 24 | 3 | 3 | 25 | 24 |
| West North Central | 144 | 140 | 2.8% | 25 | 23 | 45 | 43 | 8 | 6 | 66 | 68 |
| Iowa | 18 | 18 | 3.1% | NM | NM | 8 | 8 | 1 | NM | 7 | 6 |
| Kansas | NM | 5 | NM | 0 | 0 | NM | 5 | 0 | 0 | 0 | 0 |
| Minnesota | 101 | 100 | 1.0% | 14 | 11 | 29 | 26 | 2 | 4 | 57 | 59 |
| Missouri | 10 | 6 | 65.2% | NM | NM | NM | NM | 4 | 0 | 0 | 0 |
| Nebraska | 7 | 8 | -17.3% | 6 | 6 | 0 | 0 | 1 | 2 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| South Atlantic | 1,352 | 1,451 | -6.8% | 126 | 123 | 413 | 463 | 76 | 82 | 737 | 782 |
| Delaware | 6 | 7 | -3.5% | 0 | 0 | NM | 5 | 0 | 0 | NM | 2 |
| District of Columbia | 5 | 5 | 1.3% | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 |
| Florida | 274 | 313 | -12.6% | 45 | 30 | 75 | 98 | 36 | 41 | 118 | 145 |
| Georgia | 465 | 465 | -0.2% | 0 | 0 | 158 | 158 | 0 | 0 | 306 | 308 |
| Maryland | 32 | 28 | 13.7% | 0 | 0 | 32 | 28 | 0 | 0 | 0 | 0 |
| North Carolina | 134 | 155 | -13.4% | 0 | 0 | 52 | 64 | 0 | 0 | 82 | 91 |
| South Carolina | 162 | 182 | -10.6% | NM | 5 | 27 | 44 | 0 | 0 | 130 | 133 |
| Virginia | 273 | 295 | -7.5% | 77 | 88 | 63 | 66 | 35 | 36 | 98 | 104 |
| West Virginia | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| East South Central | 449 | 455 | -1.2% | NM | 8 | 9 | 10 | 0 | 0 | 433 | 437 |
| Alabama | 264 | 275 | -4.2% | 0 | 0 | NM | NM | 0 | 0 | 260 | 271 |
| Kentucky | 35 | 38 | -8.1% | NM | 8 | NM | NM | 0 | 0 | 27 | 29 |
| Mississippi | 108 | 104 | 4.7% | 0 | 0 | NM | NM | 0 | 0 | 108 | 103 |
| Tennessee | 43 | 38 | 11.2% | 0 | 0 | NM | NM | 0 | 0 | 39 | 34 |
| West South Central | 381 | 343 | 10.8% | 25 | 11 | 20 | 26 | 0 | -1 | 336 | 307 |
| Arkansas | 71 | 65 | 10.3% | 0 | 0 | NM | NM | 0 | 0 | 69 | 61 |
| Louisiana | 179 | 168 | 6.9% | 0 | 0 | NM | 7 | 0 | 0 | 172 | 160 |
| Oklahoma | 30 | 23 | 32.5% | 0 | 0 | NM | NM | 0 | -1 | 29 | 22 |
| Texas | 100 | 88 | 13.1% | 25 | 11 | 10 | 14 | 0 | 0 | 66 | 64 |
| Mountain | 75 | 66 | 13.2% | NM | NM | 39 | 42 | 3 | 4 | 31 | 18 |
| Arizona | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Colorado | 6 | 9 | -38.1% | 0 | 0 | 6 | 9 | 0 | 0 | 0 | 0 |
| Idaho | 39 | 27 | 46.8% | NM | NM | 5 | 6 | 3 | 3 | 31 | 17 |
| Montana | NM | 2 | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 2 |
| Nevada | NM | 5 | NM | 0 | 0 | NM | 5 | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Utah | NM | 7 | NM | 0 | 0 | NM | 6 | 1 | 1 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 556 | 630 | -11.6% | 29 | NM | 306 | 346 | 63 | 59 | 158 | 196 |
| California | 397 | 434 | -8.3% | 3 | 3 | 269 | 311 | 60 | 55 | 65 | 64 |
| Oregon | 80 | 84 | -4.7% | NM | 5 | 29 | 27 | 2 | 3 | 45 | 49 |
| Washington | 79 | 112 | -29.6% | NM | NM | 8 | 8 | NM | NM | 48 | 83 |
| Pacific Noncontiguous | 20 | 25 | -19.9% | 1 | 1 | NM | NM | 16 | 14 | 0 | 0 |
| Alaska | 3 | 3 | 31.5% | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 |
| Hawaii | 17 | 23 | -25.8% | 1 | 1 | NM | NM | 12 | 11 | 0 | 0 |
| U.S. Total | 3,965 | 4,152 | -4.5% | 288 | 286 | 1,430 | 1,563 | 318 | 311 | 1,929 | 1,992 |

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

## Table 1.15.B. Utility Scale Facility Net Generation from Biomass

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 1,744 | 1,807 | -3.5% | 100 | 104 | 1,208 | 1,225 | 186 | 192 | 250 | 285 |
| Connecticut | 167 | 174 | -4.2% | 0 | 0 | 167 | 174 | 0 | 0 | 0 | 0 |
| Maine | 641 | 686 | -6.5% | 0 | 0 | 390 | 396 | 2 | 4 | 250 | 285 |
| Massachusetts | 365 | 373 | -2.0% | 0 | 0 | 197 | 201 | 168 | 172 | 0 | 0 |
| New Hampshire | 317 | 317 | 0.2% | 0 | 0 | 302 | 301 | 15 | 15 | 0 | 0 |
| Rhode Island | 100 | 100 | 0.0% | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 |
| Vermont | 153 | 157 | -2.7% | 100 | 104 | 52 | 52 | 1 | 1 | 0 | 0 |
| Middle Atlantic | 1,552 | 1,626 | -4.6% | 0 | 0 | 833 | 969 | 500 | 435 | 219 | 222 |
| New Jersey | 275 | 275 | 0.1% | 0 | 0 | 124 | 141 | 151 | 135 | 0 | 0 |
| New York | 638 | 684 | -6.7% | 0 | 0 | 316 | 405 | 258 | 221 | 64 | 59 |
| Pennsylvania | 638 | 666 | -4.2% | 0 | 0 | 393 | 424 | 90 | 79 | 155 | 164 |
| East North Central | 1,553 | 1,700 | -8.6% | 275 | 337 | 816 | 904 | 36 | 39 | 427 | 420 |
| Illinois | 107 | 119 | -10.5% | 34 | 41 | 73 | 78 | 0 | 0 | 0 | 0 |
| Indiana | 145 | 154 | -6.0% | 106 | 112 | 20 | 22 | 0 | 0 | 20 | 20 |
| Michigan | 821 | 853 | -3.8% | 0 | 0 | 562 | 625 | 18 | 17 | 241 | 211 |
| Ohio | 102 | 139 | -26.8% | 0 | 0 | 48 | 61 | 3 | 4 | 50 | 74 |
| Wisconsin | 379 | 434 | -12.8% | 135 | 183 | 113 | 117 | 14 | 19 | 116 | 115 |
| West North Central | 676 | 672 | 0.7% | 95 | 106 | 208 | 211 | 46 | 50 | 326 | 304 |
| Iowa | 84 | 84 | 0.1% | 14 | 15 | 38 | 40 | 3 | 4 | 29 | 25 |
| Kansas | 24 | 26 | -5.9% | 0 | 0 | 24 | 26 | 0 | 0 | 0 | 0 |
| Minnesota | 482 | 472 | 2.1% | 45 | 51 | 131 | 129 | 22 | 26 | 285 | 267 |
| Missouri | 44 | 42 | 5.3% | 11 | 12 | 16 | 17 | 16 | 12 | 1 | 1 |
| Nebraska | 31 | 37 | -16.3% | 26 | 29 | 0 | 0 | 5 | 8 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 11 | 11 | 1.8% | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 |
| South Atlantic | 6,475 | 6,829 | -5.2% | 525 | 561 | 2,008 | 2,198 | 355 | 384 | 3,588 | 3,686 |
| Delaware | 30 | 32 | -4.4% | 0 | 0 | 22 | 24 | 0 | 0 | 8 | 8 |
| District of Columbia | 25 | 25 | -1.0% | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 0 |
| Florida | 1,309 | 1,509 | -13.2% | 165 | 176 | 391 | 474 | 164 | 186 | 589 | 672 |
| Georgia | 2,185 | 2,184 | 0.0% | 0 | 0 | 735 | 734 | 0 | 0 | 1,450 | 1,450 |
| Maryland | 138 | 126 | 9.5% | 0 | 0 | 138 | 123 | 0 | 2 | 0 | 0 |
| North Carolina | 670 | 724 | -7.5% | 0 | 0 | 265 | 289 | 0 | 0 | 405 | 435 |
| South Carolina | 818 | 868 | -5.8% | 22 | 24 | 144 | 215 | 0 | 0 | 651 | 630 |
| Virginia | 1,296 | 1,357 | -4.5% | 337 | 361 | 309 | 334 | 165 | 170 | 485 | 492 |
| West Virginia | NM | 4 | NM | 0 | 0 | NM | 4 | 0 | 0 | 0 | 0 |
| East South Central | 2,184 | 2,179 | 0.2% | 32 | 38 | 45 | 47 | 0 | 0 | 2,107 | 2,094 |
| Alabama | 1,324 | 1,302 | 1.7% | 0 | 0 | 17 | 18 | 0 | 0 | 1,307 | 1,284 |
| Kentucky | 180 | 176 | 1.8% | 32 | 38 | 5 | 5 | 0 | 0 | 142 | 134 |
| Mississippi | 505 | 538 | -6.2% | 0 | 0 | NM | 4 | 0 | 0 | 501 | 534 |
| Tennessee | 176 | 163 | 7.8% | 0 | 0 | 19 | 20 | 0 | 0 | 156 | 143 |
| West South Central | 1,746 | 1,695 | 3.0% | 60 | 43 | 111 | 126 | -1 | -4 | 1,575 | 1,529 |
| Arkansas | 354 | 323 | 9.5% | 0 | 0 | 16 | 19 | 0 | 0 | 338 | 304 |
| Louisiana | 823 | 825 | -0.2% | 0 | 0 | 32 | 34 | 0 | 0 | 791 | 791 |
| Oklahoma | 136 | 123 | 11.0% | 0 | 0 | 6 | 7 | -1 | -4 | 131 | 120 |
| Texas | 432 | 423 | 2.1% | 60 | 43 | 56 | 66 | 0 | 0 | 316 | 315 |
| Mountain | 368 | 388 | -5.1% | 9 | 9 | 203 | 221 | 18 | 18 | 139 | 140 |
| Arizona | 81 | 79 | 2.2% | 0 | 0 | 81 | 79 | 0 | 0 | 0 | 0 |
| Colorado | 44 | 55 | -20.6% | 0 | 0 | 44 | 55 | 0 | 0 | 0 | 0 |
| Idaho | 172 | 174 | -1.1% | NM | 6 | 20 | 24 | 12 | 12 | 134 | 132 |
| Montana | 8 | 11 | -30.4% | NM | 4 | 0 | 0 | 0 | 0 | 4 | 8 |
| Nevada | 22 | 24 | -6.4% | 0 | 0 | 22 | 24 | 0 | 0 | 0 | 0 |
| New Mexico | 12 | 13 | -2.2% | 0 | 0 | 12 | 13 | 0 | 0 | 0 | 0 |
| Utah | 29 | 32 | -9.0% | 0 | 0 | 24 | 27 | 5 | 6 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 2,766 | 2,961 | -6.6% | 140 | 145 | 1,499 | 1,614 | 303 | 297 | 823 | 905 |
| California | 1,929 | 2,035 | -5.2% | 14 | 18 | 1,327 | 1,443 | 286 | 280 | 302 | 295 |
| Oregon | 401 | 389 | 3.1% | 22 | 24 | 129 | 129 | 13 | 12 | 236 | 224 |
| Washington | 436 | 537 | -18.8% | 104 | 104 | 42 | 43 | 5 | 5 | 285 | 386 |
| Pacific Noncontiguous | 108 | 124 | -12.8% | 7 | 8 | 25 | 44 | 76 | 72 | 0 | 0 |
| Alaska | 17 | 15 | 11.9% | 0 | 0 | 0 | 0 | 17 | 15 | 0 | 0 |
| Hawaii | 90 | 108 | -16.4% | 7 | 8 | 25 | 44 | 59 | 56 | 0 | 0 |
| U.S. Total | 19,171 | 19,979 | -4.0% | 1,242 | 1,352 | 6,956 | 7,559 | 1,520 | 1,483 | 9,454 | 9,586 |

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

## Table 1.16.A. Utility Scale Facility Net Generation from Geothermal by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 333 | 417 | -20.1% | 19 | 25 | 314 | 392 | 0 | 0 | 0 | 0 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | NM | 7 | NM | 0 | 0 | NM | 7 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 292 | 362 | -19.5% | 0 | 0 | 292 | 362 | 0 | 0 | 0 | 0 |
| New Mexico | 2 | 2 | -18.5% | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Utah | 34 | 45 | -25.4% | 19 | 25 | 15 | 20 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 870 | 924 | -5.8% | 61 | 36 | 809 | 888 | 0 | 0 | 0 | 0 |
| California | 857 | 905 | -5.4% | 61 | 36 | 796 | 869 | 0 | 0 | 0 | 0 |
| Oregon | 13 | 18 | -28.8% | 0 | 0 | 13 | 18 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 22 | 30 | -26.0% | 0 | 0 | 22 | 30 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 22 | 30 | -26.0% | 0 | 0 | 22 | 30 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,225 | 1,371 | -10.6% | 80 | 60 | 1,145 | 1,310 | 0 | 0 | 0 | 0 |

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

## Table 1.16.B. Utility Scale Facility Net Generation from Geothermal

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Hampshire | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Jersey | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East North Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | 1,942 | 2,095 | -7.3% | 102 | 122 | 1,840 | 1,973 | 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 | 31 | 36 | -14.9% | 0 | 0 | 31 | 36 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 1,714 | 1,820 | -5.8% | 0 | 0 | 1,714 | 1,820 | 0 | 0 | 0 | 0 |
| New Mexico | 16 | 18 | -15.3% | 0 | 0 | 16 | 18 | 0 | 0 | 0 | 0 |
| Utah | 182 | 220 | -17.5% | 102 | 122 | 80 | 98 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 4,331 | 4,716 | -8.2% | 226 | 250 | 4,105 | 4,466 | 0 | 0 | 0 | 0 |
| California | 4,259 | 4,627 | -7.9% | 226 | 250 | 4,033 | 4,376 | 0 | 0 | 0 | 0 |
| Oregon | 72 | 89 | -19.7% | 0 | 0 | 72 | 89 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 121 | 147 | -17.4% | 0 | 0 | 121 | 147 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 121 | 147 | -17.4% | 0 | 0 | 121 | 147 | 0 | 0 | 0 | 0 |
| U.S. Total | 6,394 | 6,958 | -8.1% | 328 | 372 | 6,066 | 6,585 | 0 | 0 | 0 | 0 |

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

## Table 1.17.A. Net Generation from Solar Photovoltaic by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | | | | | Electric Power Sector | | | | Commercial Sector | | | | | | Industrial Sector | | | | | | Residential Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Electric Utilities | | Independent Power Producers | | | | | | | | | | | | | | | |
| | Estimated Generation From Utility and Small Scale Facilities | | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Generation From Utility and Small Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Estimated Generation From Utility and Small Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Estimated Small Scale Generation | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 1,308 | 1,151 | 13.6% | 479 | 408 | 829 | 743 | 17 | 18 | 460 | 387 | NM | NM | NM | NM | 449 | 366 | NM | NM | NM | NM | 17 | 22 | 363 | 355 |
| Connecticut | 206 | 203 | 1.5% | 53 | 52 | 152 | 151 | 0 | 0 | 52 | 50 | NM | NM | NM | NM | 45 | 43 | NM | NM | NM | NM | 6 | 6 | 102 | 102 |
| Maine | 206 | 127 | 61.9% | 107 | 68 | 99 | 59 | 0 | 0 | 107 | 68 | 83 | 48 | 0 | 0 | 83 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 11 |
| Massachusetts | 657 | 623 | 5.4% | 226 | 211 | 431 | 412 | 9 | 9 | 215 | 200 | NM | NM | NM | NM | 243 | 213 | NM | NM | NM | NM | 9 | 14 | 180 | 185 |
| New Hampshire | NM | 32 | NM | NM | NM | 38 | 32 | 0 | 0 | NM | NM | 12 | 11 | 0 | 0 | 12 | 11 | 1 | 1 | 0 | 0 | 1 | 1 | 25 | 20 |
| Rhode Island | 147 | 113 | 30.5% | 68 | 51 | 79 | 62 | 0 | 0 | 68 | 51 | 55 | 41 | 0 | 0 | 55 | 41 | 1 | 1 | 0 | 0 | 1 | 1 | 23 | 21 |
| Vermont | 54 | 53 | 2.2% | 25 | 26 | 30 | 28 | 7 | 9 | 17 | 17 | NM | 10 | 0 | 0 | NM | 10 | NM | 0 | 0 | 0 | NM | 0 | 18 | 17 |
| Middle Atlantic | 1,615 | 1,446 | 11.7% | 647 | 469 | 969 | 977 | 14 | 12 | 613 | 437 | 470 | 446 | 18 | 18 | 452 | 428 | NM | 37 | NM | 3 | 32 | 35 | 484 | 514 |
| New Jersey | 533 | 581 | -8.3% | 187 | 172 | 346 | 409 | 14 | 12 | 156 | 143 | 162 | 180 | 17 | 16 | 145 | 164 | NM | NM | NM | NM | 21 | 23 | 180 | 223 |
| New York | 832 | 705 | 17.9% | 340 | 259 | 491 | 447 | 0 | 0 | 338 | 256 | NM | 238 | NM | 1 | 271 | 237 | NM | NM | NM | NM | 3 | 2 | 217 | 208 |
| Pennsylvania | 251 | 160 | 57.3% | 120 | 39 | 131 | 121 | 0 | 0 | 118 | 37 | NM | NM | NM | NM | 35 | 28 | NM | NM | NM | NM | 9 | 10 | 87 | 83 |
| East North Central | 1,874 | 1,135 | 65.1% | 1,487 | 819 | 387 | 317 | 480 | 181 | 1,005 | 637 | NM | NM | NM | NM | 171 | 158 | 13 | 10 | 1 | 0 | 12 | 10 | 204 | 148 |
| Illinois | 471 | 394 | 19.3% | 267 | 224 | 204 | 171 | 0 | 0 | 266 | 223 | NM | NM | NM | NM | 92 | 93 | NM | 1 | 0 | 0 | NM | 1 | 111 | 77 |
| Indiana | 340 | 203 | 67.5% | 297 | 165 | 43 | 38 | 200 | 53 | 98 | 113 | NM | NM | NM | NM | 23 | 21 | NM | 1 | 0 | 0 | NM | 1 | 18 | 15 |
| Michigan | 261 | 202 | 29.2% | 222 | 169 | 39 | 33 | 9 | 9 | 213 | 160 | NM | NM | NM | NM | 15 | 12 | NM | 1 | 0 | 0 | NM | 1 | 23 | 21 |
| Ohio | 439 | 151 | 189.6% | 382 | 106 | 57 | 45 | NM | NM | 380 | 105 | NM | NM | NM | NM | 25 | 21 | 6 | 5 | 0 | 0 | 6 | 5 | 27 | 20 |
| Wisconsin | 364 | 184 | 97.4% | 319 | 154 | 45 | 30 | 270 | 118 | 48 | 36 | NM | NM | NM | NM | 17 | 12 | 4 | 3 | 0 | 0 | 3 | 3 | 24 | 15 |
| West North Central | 588 | 476 | 23.5% | 389 | 315 | 199 | 161 | 67 | 45 | 312 | 270 | 70 | 55 | 0 | 0 | 70 | 55 | 17 | 6 | 10 | 0 | 7 | 6 | 122 | 100 |
| Iowa | 127 | 106 | 20.0% | 76 | 66 | 51 | 40 | 47 | 36 | 30 | 30 | 25 | 21 | 0 | 0 | 25 | 21 | 2 | 2 | 0 | 0 | 2 | 2 | 25 | 18 |
| Kansas | 27 | 21 | 32.1% | 9 | 8 | 19 | 12 | NM | NM | 7 | 7 | 5 | 4 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 |
| Minnesota | 283 | 247 | 14.8% | 240 | 213 | 44 | 34 | 15 | 4 | 215 | 209 | 11 | 9 | 0 | 0 | 11 | 9 | 12 | 3 | 10 | 0 | 3 | 3 | 30 | 22 |
| Missouri | 96 | 88 | 9.0% | 18 | 19 | 77 | 69 | NM | 3 | 15 | 15 | 27 | 21 | 0 | 0 | 27 | 21 | 2 | 1 | 0 | 0 | 2 | 1 | 49 | 47 |
| Nebraska | 34 | 14 | 143.5% | 27 | 9 | 7 | 5 | NM | NM | 26 | 8 | 1 | 1 | 0 | 0 | 1 | 1 | NM | 0 | 0 | 0 | NM | 0 | 5 | 3 |
| North Dakota | 0 | 0 | 5.2% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 20 | 1 | NM | 19 | NM | 1 | 0 | 0 | 0 | 19 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 0 | 0 | 0 | NM | 0 | 1 | 0 |
| South Atlantic | 6,292 | 5,205 | 20.9% | 5,330 | 4,375 | 962 | 830 | 2,293 | 1,759 | 3,021 | 2,599 | 164 | 135 | 15 | 16 | 148 | 120 | NM | NM | NM | NM | 47 | 46 | 766 | 665 |
| Delaware | 37 | 42 | -10.1% | 16 | 20 | 22 | 21 | NM | NM | 14 | 19 | NM | NM | NM | NM | 4 | 4 | NM | NM | NM | 0 | NM | NM | 16 | 16 |
| District of Columbia | NM | 23 | NM | NM | 3 | 25 | 20 | NM | NM | NM | 3 | 9 | 7 | 0 | 0 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 13 |
| Florida | 2,481 | 1,836 | 35.2% | 2,040 | 1,462 | 441 | 374 | 1,923 | 1,375 | 116 | 85 | NM | NM | NM | NM | 34 | 27 | NM | NM | NM | NM | 8 | 8 | 399 | 339 |
| Georgia | NM | 816 | NM | 905 | 763 | NM | 53 | 63 | 64 | 842 | 699 | NM | NM | NM | NM | 9 | 8 | NM | NM | 0 | 0 | NM | NM | NM | 18 |
| Maryland | 265 | 259 | 2.2% | 111 | 105 | 154 | 154 | NM | NM | 109 | 102 | NM | 33 | NM | 2 | 32 | 31 | 3 | 3 | 0 | 0 | 3 | 3 | 119 | 120 |
| North Carolina | 1,338 | 1,233 | 8.5% | 1,249 | 1,158 | 88 | 75 | 77 | 77 | 1,160 | 1,069 | 32 | 30 | 12 | 12 | 21 | 18 | 2 | 2 | 0 | 0 | 2 | 2 | 66 | 55 |
| South Carolina | 379 | 333 | 14.0% | 312 | 272 | 67 | 60 | NM | NM | 310 | 271 | 12 | 11 | 0 | 0 | 12 | 11 | NM | NM | NM | NM | 4 | 4 | 51 | 45 |
| Virginia | 779 | 659 | 18.2% | 675 | 592 | 105 | 68 | 223 | 241 | 452 | 351 | NM | NM | NM | NM | 27 | 12 | 1 | 1 | 0 | 0 | 1 | 1 | 76 | 55 |
| West Virginia | 26 | 5 | 458.7% | 20 | 0 | 6 | 5 | NM | 0 | 16 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 4 |
| East South Central | 394 | 340 | 15.8% | 363 | 315 | 31 | 25 | 26 | 28 | 335 | 285 | NM | NM | NM | NM | 12 | 11 | 1 | 1 | 0 | 1 | 1 | 1 | 18 | 14 |
| Alabama | NM | 134 | NM | 124 | 132 | NM | NM | NM | 3 | 121 | 129 | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Kentucky | 33 | 31 | 7.0% | 17 | 17 | 16 | 13 | 5 | 5 | 12 | 12 | NM | NM | NM | NM | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| Mississippi | 118 | 66 | 79.9% | 114 | 63 | 4 | 2 | 19 | 21 | 95 | 42 | 1 | 1 | 0 | 0 | 1 | 1 | NM | 0 | 0 | 0 | NM | 0 | 3 | 1 |
| Tennessee | 116 | 110 | 5.7% | 108 | 103 | 8 | 7 | NM | NM | 107 | 101 | NM | NM | NM | NM | 5 | 5 | 0 | NM | 0 | 1 | 0 | NM | 3 | 2 |
| West South Central | 4,247 | 3,276 | 29.6% | 3,665 | 2,788 | 582 | 488 | 40 | 41 | 3,617 | 2,744 | 91 | 68 | 7 | 2 | 84 | 66 | NM | NM | NM | NM | 8 | 4 | 490 | 418 |
| Arkansas | 243 | 113 | 116.0% | 198 | 74 | 45 | 39 | 26 | 28 | 170 | 44 | 16 | 17 | 2 | 2 | 15 | 15 | NM | NM | NM | NM | 7 | 4 | 23 | 20 |
| Louisiana | 112 | 61 | 84.5% | 73 | 31 | 39 | 30 | 4 | 4 | 69 | 26 | NM | 2 | 0 | 0 | NM | 2 | NM | 0 | 0 | 0 | NM | 0 | 36 | 28 |
| Oklahoma | 54 | 21 | 151.7% | 34 | 7 | 20 | 14 | 8 | 7 | 26 | NM | 3 | 2 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 12 |
| Texas | 3,838 | 3,081 | 24.5% | 3,360 | 2,676 | 478 | 405 | NM | NM | 3,352 | 2,673 | 69 | NM | 5 | NM | 64 | 47 | NM | NM | NM | NM | NM | 0 | 414 | 359 |
| Mountain | 5,146 | 3,758 | 36.9% | 4,031 | 2,779 | 1,114 | 979 | 223 | 156 | 3,791 | 2,610 | 153 | 158 | 10 | 9 | 143 | 149 | 27 | 19 | 8 | 4 | 19 | 15 | 952 | 815 |
| Arizona | 1,425 | 1,146 | 24.3% | 938 | 694 | 487 | 453 | 75 | 60 | 858 | 629 | NM | 71 | NM | 3 | 56 | 69 | NM | NM | NM | NM | 1 | 1 | 429 | 383 |
| Colorado | 699 | 439 | 59.4% | 502 | 277 | 198 | 162 | NM | NM | 496 | 274 | NM | NM | NM | NM | 39 | 36 | NM | 3 | NM | 0 | 6 | 3 | 153 | 123 |
| Idaho | 137 | 116 | 18.3% | 107 | 91 | 30 | 25 | 33 | 30 | 74 | 60 | 2 | 2 | 0 | 0 | 2 | 2 | NM | NM | NM | NM | 3 | 3 | 25 | 21 |
| Montana | 48 | 31 | 52.2% | 36 | 23 | 11 | 8 | 0 | 0 | 36 | 23 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 |
| Nevada | 1,628 | 1,209 | 34.7% | 1,424 | 1,039 | 205 | 170 | 66 | 21 | 1,352 | 1,013 | 18 | 17 | 5 | 5 | 13 | 12 | NM | NM | NM | NM | 7 | 7 | 185 | 151 |
| New Mexico | 488 | 283 | 72.6% | 409 | 215 | 79 | 68 | 44 | 43 | 364 | 172 | 15 | 14 | 0 | 0 | 15 | 14 | NM | 0 | 0 | 0 | NM | 0 | 64 | 54 |
| Utah | 662 | 515 | 28.4% | 561 | 424 | 101 | 91 | 4 | NM | 556 | 423 | 15 | 14 | 0 | 0 | 15 | 14 | NM | 1 | NM | 0 | 1 | 1 | 84 | 76 |
| Wyoming | 59 | 19 | 210.4% | 56 | 16 | 4 | 3 | 0 | 0 | 56 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | NM | 0 | 0 | 0 | NM | 0 | 3 | 3 |
| Pacific Contiguous | 8,554 | 7,204 | 18.7% | 5,182 | 4,301 | 3,372 | 2,904 | 41 | 39 | 5,094 | 4,216 | 698 | 623 | 22 | 22 | 676 | 602 | 361 | 335 | 25 | 23 | 336 | 312 | 2,360 | 1,991 |
| California | 8,116 | 6,844 | 18.6% | 4,880 | 4,054 | 3,235 | 2,790 | 40 | 38 | 4,794 | 3,971 | 673 | 601 | 22 | 22 | 650 | 579 | 358 | 332 | 25 | 23 | 333 | 309 | 2,252 | 1,902 |
| Oregon | 314 | 287 | 9.5% | 248 | 231 | 67 | 56 | NM | NM | 247 | 231 | 16 | 15 | 0 | 0 | 16 | 15 | 3 | 2 | 0 | 0 | 3 | 2 | 48 | 39 |
| Washington | 124 | 74 | 68.1% | 54 | 16 | 70 | 58 | NM | NM | 53 | 15 | 9 | 8 | 0 | 0 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 50 |
| Pacific Noncontiguous | 210 | 194 | 8.0% | 61 | 59 | 149 | 135 | 7 | 8 | 52 | 51 | NM | NM | NM | NM | 50 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 87 |
| Alaska | NM | 3 | NM | NM | NM | 3 | 3 | NM | NM | NM | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Hawaii | 204 | 191 | 7.0% | 59 | 59 | 145 | 132 | 7 | 7 | 51 | 51 | NM | NM | NM | NM | 49 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 85 |
| U.S. Total | 30,228 | 24,187 | 25.0% | 21,636 | 16,627 | 8,592 | 7,560 | 3,208 | 2,287 | 18,301 | 14,235 | 2,332 | 2,073 | 77 | 70 | 2,255 | 2,002 | 531 | 485 | 50 | 34 | 480 | 451 | 5,856 | 5,107 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report;
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.17.B. Net Generation from Solar Photovoltaic by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | | | Commercial Sector | | | | | | Industrial Sector | | | | | | Residential Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Electric Utilities | | Independent Power Producers | | | | | | | | | | | | | |
| | Estimated Generation From Utility and Small Scale Facilities | | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Generation From Utility and Small Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Estimated Generation From Utility and Small Scale Facilities | | Generation at Utility Scale Facilities | | Estimated Small Scale Generation | | Estimated Small Scale Generation | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 4,899 | 4,139 | 18.4% | 1,724 | 1,419 | 3,175 | 2,720 | 58 | 57 | 1,655 | 1,352 | 1,718 | 1,455 | 6 | 6 | 1,711 | 1,449 | 92 | 93 | 4 | 4 | 88 | 89 | 1,376 | 1,182 |
| Connecticut | 770 | 678 | 13.6% | 189 | 174 | 581 | 504 | 1 | 0 | 184 | 169 | 181 | 164 | NM | 2 | 178 | 161 | 27 | 25 | NM | NM | 25 | 23 | 378 | 320 |
| Maine | 736 | 439 | 67.8% | 349 | 212 | 386 | 227 | 0 | 0 | 349 | 212 | 327 | 184 | 0 | 0 | 327 | 184 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 43 |
| Massachusetts | 2,490 | 2,305 | 8.1% | 850 | 777 | 1,640 | 1,528 | 35 | 34 | 809 | 737 | 902 | 855 | 4 | 4 | 898 | 851 | 55 | 60 | 2 | 2 | 54 | 58 | 688 | 619 |
| New Hampshire | 150 | 122 | 22.9% | NM | NM | 148 | 120 | 0 | 0 | NM | NM | 47 | 44 | 0 | 0 | 47 | 44 | 5 | 5 | 0 | 0 | 5 | 5 | 96 | 71 |
| Rhode Island | 562 | 418 | 34.4% | 248 | 177 | 315 | 241 | 0 | 0 | 248 | 177 | 221 | 169 | 0 | 0 | 221 | 169 | 4 | 2 | 0 | 0 | 4 | 2 | 90 | 69 |
| Vermont | 191 | 178 | 7.3% | 86 | 79 | 105 | 99 | 22 | 24 | 64 | 55 | 39 | 39 | 0 | 0 | 39 | 39 | 1 | 1 | 0 | 0 | 1 | 1 | 65 | 59 |
| Middle Atlantic | 6,023 | 5,209 | 15.6% | 2,318 | 1,700 | 3,705 | 3,509 | 52 | 44 | 2,186 | 1,582 | 1,793 | 1,708 | 70 | 64 | 1,723 | 1,644 | 140 | 149 | 9 | 9 | 131 | 139 | 1,851 | 1,726 |
| New Jersey | 2,082 | 2,103 | -1.0% | 710 | 632 | 1,372 | 1,471 | 52 | 44 | 592 | 529 | 646 | 706 | 64 | 57 | 582 | 648 | 87 | 94 | NM | NM | 85 | 92 | 705 | 730 |
| New York | 3,041 | 2,546 | 19.4% | 1,207 | 932 | 1,834 | 1,615 | 0 | 0 | 1,200 | 924 | 1,014 | 893 | 3 | 4 | 1,011 | 890 | 13 | 12 | 4 | 4 | 9 | 8 | 815 | 717 |
| Pennsylvania | 900 | 560 | 60.7% | 400 | 136 | 499 | 424 | 0 | 0 | 394 | 130 | 134 | 109 | 3 | 3 | 131 | 106 | 40 | 43 | 3 | 3 | 37 | 40 | 332 | 278 |
| East North Central | 6,247 | 3,726 | 67.7% | 4,867 | 2,589 | 1,381 | 1,137 | 1,486 | 572 | 3,374 | 2,012 | 636 | 585 | 6 | 5 | 630 | 581 | 47 | 37 | 2 | 0 | 45 | 37 | 706 | 519 |
| Illinois | 1,691 | 1,333 | 26.8% | 961 | 728 | 729 | 605 | 1 | 1 | 960 | 727 | 350 | 348 | NM | NM | 350 | 347 | 2 | 2 | 0 | 0 | 2 | 2 | 378 | 256 |
| Indiana | 1,069 | 675 | 58.3% | 911 | 531 | 158 | 144 | 580 | 187 | 331 | 343 | 85 | 77 | NM | NM | 84 | 77 | 8 | 5 | 0 | 0 | 8 | 5 | 66 | 63 |
| Michigan | 846 | 630 | 34.3% | 707 | 512 | 139 | 118 | 31 | 29 | 676 | 482 | 53 | 43 | NM | NM | 52 | 42 | 2 | 2 | 0 | 0 | 2 | 2 | 85 | 74 |
| Ohio | 1,461 | 508 | 187.8% | 1,258 | 349 | 203 | 159 | 3 | 3 | 1,252 | 344 | 89 | 72 | NM | NM | 87 | 70 | 20 | 17 | 1 | 0 | 20 | 17 | 96 | 72 |
| Wisconsin | 1,181 | 580 | 103.5% | 1,029 | 470 | 151 | 110 | 871 | 351 | 155 | 117 | 59 | 45 | NM | NM | 57 | 44 | 14 | 11 | 1 | 0 | 13 | 11 | 81 | 55 |
| West North Central | 2,115 | 1,710 | 23.7% | 1,338 | 1,097 | 777 | 613 | 218 | 154 | 1,084 | 943 | 269 | 213 | 0 | 0 | 268 | 213 | 63 | 23 | 36 | 0 | 26 | 23 | 482 | 376 |
| Iowa | 429 | 355 | 20.9% | 241 | 207 | 188 | 148 | 141 | 120 | 100 | 87 | 92 | 77 | 0 | 0 | 92 | 77 | 7 | 6 | 0 | 0 | 7 | 6 | 89 | 65 |
| Kansas | 100 | 78 | 28.9% | 31 | 29 | 69 | 48 | 7 | 5 | 23 | 24 | 19 | 15 | 0 | 0 | 19 | 15 | 1 | 0 | 0 | 0 | 1 | 0 | 49 | 33 |
| Minnesota | 1,036 | 880 | 17.7% | 878 | 758 | 158 | 122 | 54 | 13 | 788 | 745 | 41 | 33 | 0 | 0 | 41 | 33 | 46 | 9 | 36 | 0 | 9 | 9 | 107 | 79 |
| Missouri | 402 | 343 | 17.2% | 70 | 69 | 332 | 274 | 12 | 12 | 57 | 57 | 109 | 83 | 0 | 0 | 109 | 83 | 7 | 6 | 0 | 0 | 7 | 6 | 216 | 184 |
| Nebraska | 75 | 51 | 46.7% | 50 | 32 | 25 | 19 | 3 | 3 | 47 | 29 | 5 | 4 | 0 | 0 | 5 | 4 | 2 | 1 | 0 | 0 | 2 | 1 | 18 | 13 |
| North Dakota | 1 | 1 | 13.1% | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| South Dakota | 72 | 2 | NM | 69 | NM | 3 | 1 | 0 | 0 | 69 | NM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| South Atlantic | 24,324 | 20,060 | 21.3% | 20,292 | 16,848 | 4,032 | 3,212 | 8,685 | 6,942 | 11,545 | 9,845 | 674 | 549 | 58 | 57 | 616 | 491 | 200 | 178 | 4 | 4 | 196 | 175 | 3,220 | 2,545 |
| Delaware | 146 | 143 | 2.0% | 59 | 65 | 86 | 77 | NM | 3 | 55 | 62 | 16 | 16 | NM | NM | 15 | 15 | 8 | 5 | NM | 0 | 7 | 5 | 64 | 57 |
| District of Columbia | 113 | 92 | 23.4% | 11 | 10 | 102 | 82 | NM | NM | 11 | 10 | 36 | 30 | 0 | 0 | 36 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 52 |
| Florida | 9,666 | 7,402 | 30.6% | 7,744 | 5,902 | 1,922 | 1,500 | 7,278 | 5,521 | 462 | 378 | 147 | 117 | 3 | 3 | 144 | 114 | 37 | 21 | NM | NM | 36 | 20 | 1,742 | 1,366 |
| Georgia | 3,714 | 3,169 | 17.2% | 3,486 | 2,956 | 228 | 213 | 208 | 256 | 3,277 | 2,699 | 37 | 32 | NM | NM | 36 | 31 | 110 | 110 | 0 | 0 | 110 | 110 | 82 | 72 |
| Maryland | 1,026 | 945 | 8.6% | 420 | 372 | 606 | 573 | 3 | 3 | 409 | 360 | 136 | 143 | 8 | 9 | 128 | 135 | 13 | 12 | 0 | 0 | 13 | 12 | 465 | 426 |
| North Carolina | 5,161 | 4,675 | 10.4% | 4,798 | 4,372 | 363 | 303 | 311 | 293 | 4,442 | 4,035 | 129 | 118 | 44 | 44 | 85 | 74 | 9 | 7 | 0 | 0 | 9 | 7 | 270 | 222 |
| South Carolina | 1,481 | 1,298 | 14.1% | 1,207 | 1,056 | 275 | 242 | 3 | 3 | 1,201 | 1,051 | 51 | 47 | 0 | 0 | 51 | 47 | 20 | 20 | NM | NM | 17 | 17 | 206 | 177 |
| Virginia | 2,934 | 2,318 | 26.6% | 2,509 | 2,114 | 425 | 204 | 863 | 864 | 1,645 | 1,250 | 115 | 42 | NM | NM | 114 | 42 | 3 | 2 | 0 | 0 | 3 | 2 | 308 | 160 |
| West Virginia | 83 | 18 | 356.7% | 59 | 0 | 24 | 18 | 15 | 0 | 43 | 0 | 6 | 4 | 0 | 0 | 6 | 4 | 1 | 1 | 0 | 0 | 1 | 1 | 18 | 13 |
| East South Central | 1,444 | 1,163 | 24.2% | 1,326 | 1,067 | 119 | 95 | 96 | 98 | 1,225 | 964 | 50 | 44 | 3 | 3 | 47 | 41 | 4 | 4 | 2 | 2 | 3 | 2 | 69 | 52 |
| Alabama | 480 | 439 | 9.4% | 469 | 430 | 11 | 8 | 10 | 10 | 459 | 421 | 7 | 5 | 0 | 0 | 7 | 5 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 2 |
| Kentucky | 123 | 111 | 11.1% | 60 | 61 | 63 | 49 | 17 | 17 | 42 | 44 | 16 | 14 | NM | NM | 15 | 13 | 1 | 1 | 0 | 0 | 1 | 1 | 47 | 36 |
| Mississippi | 376 | 243 | 55.0% | 363 | 234 | 13 | 9 | 67 | 71 | 296 | 163 | 4 | 4 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 5 |
| Tennessee | 465 | 371 | 25.4% | 433 | 342 | 32 | 29 | NM | NM | 429 | 337 | 23 | 21 | NM | NM | 21 | 19 | 2 | 2 | 2 | 2 | 0 | 0 | 11 | 9 |
| West South Central | 16,689 | 11,760 | 41.9% | 14,217 | 9,864 | 2,472 | 1,896 | 148 | 145 | 14,011 | 9,706 | 387 | 264 | 52 | 8 | 335 | 256 | 32 | 21 | 6 | 5 | 26 | 16 | 2,111 | 1,625 |
| Arkansas | 847 | 412 | 105.6% | 663 | 262 | 184 | 150 | 97 | 97 | 558 | 157 | 69 | 63 | 6 | 7 | 63 | 57 | 25 | 17 | NM | NM | 24 | 15 | 97 | 78 |
| Louisiana | 429 | 235 | 82.8% | 282 | 110 | 148 | 124 | 16 | 15 | 266 | 95 | 11 | 10 | 0 | 0 | 11 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 115 |
| Oklahoma | 140 | 82 | 71.4% | 56 | 28 | 84 | 53 | 29 | 27 | 27 | NM | 10 | 8 | 0 | 0 | 10 | 8 | 1 | 1 | 0 | 0 | 1 | 1 | 73 | 44 |
| Texas | 15,272 | 11,032 | 38.4% | 13,216 | 9,462 | 2,056 | 1,569 | 6 | 5 | 13,160 | 9,452 | 296 | 183 | 46 | 1 | 251 | 181 | 5 | 3 | 5 | 3 | 1 | 0 | 1,805 | 1,388 |
| Mountain | 18,097 | 13,907 | 30.1% | 13,612 | 10,048 | 4,485 | 3,859 | 670 | 564 | 12,881 | 9,435 | 607 | 632 | 37 | 34 | 570 | 598 | 105 | 77 | 25 | 15 | 79 | 61 | 3,835 | 3,201 |
| Arizona | 5,347 | 4,336 | 23.3% | 3,365 | 2,543 | 1,982 | 1,792 | 271 | 219 | 3,074 | 2,304 | 226 | 281 | 10 | 10 | 216 | 271 | 16 | 16 | 10 | 10 | 6 | 6 | 1,760 | 1,515 |
| Colorado | 2,793 | 1,684 | 65.8% | 1,986 | 1,035 | 807 | 649 | 5 | 5 | 1,966 | 1,023 | 169 | 157 | 7 | 7 | 161 | 150 | 33 | 11 | 7 | 0 | 26 | 11 | 620 | 489 |
| Idaho | 446 | 391 | 14.2% | 341 | 304 | 105 | 87 | 103 | 102 | 237 | 201 | 6 | 5 | 0 | 0 | 6 | 5 | 13 | 12 | NM | NM | 12 | 11 | 87 | 71 |
| Montana | 169 | 90 | 87.8% | 129 | 63 | 40 | 27 | 0 | 0 | 129 | 63 | 7 | 6 | 0 | 0 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 21 |
| Nevada | 5,200 | 4,388 | 18.5% | 4,391 | 3,729 | 809 | 659 | 114 | 75 | 4,253 | 3,633 | 73 | 68 | 19 | 18 | 54 | 51 | 34 | 32 | 4 | 4 | 29 | 28 | 726 | 580 |
| New Mexico | 1,788 | 1,077 | 66.0% | 1,452 | 795 | 336 | 282 | 164 | 160 | 1,288 | 635 | 65 | 59 | 0 | 0 | 65 | 59 | 1 | 0 | 0 | 0 | 1 | 0 | 270 | 222 |
| Utah | 2,232 | 1,862 | 19.8% | 1,838 | 1,511 | 393 | 351 | 13 | 3 | 1,823 | 1,508 | 60 | 54 | 0 | 0 | 60 | 54 | 8 | 5 | NM | 0 | 5 | 5 | 328 | 292 |
| Wyoming | 123 | 79 | 54.6% | 110 | 68 | 13 | 11 | 0 | 0 | 110 | 68 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 10 |
| Pacific Contiguous | 30,617 | 26,367 | 16.1% | 17,580 | 15,252 | 13,037 | 11,115 | 158 | 146 | 17,248 | 14,940 | 2,702 | 2,436 | 83 | 81 | 2,619 | 2,355 | 1,393 | 1,286 | 91 | 86 | 1,302 | 1,200 | 9,116 | 7,560 |
| California | 29,210 | 25,164 | 16.1% | 16,638 | 14,428 | 12,572 | 10,736 | 153 | 141 | 16,311 | 14,120 | 2,615 | 2,360 | 83 | 81 | 2,532 | 2,278 | 1,384 | 1,277 | 91 | 86 | 1,293 | 1,192 | 8,747 | 7,266 |
| Oregon | 1,002 | 881 | 13.8% | 776 | 695 | 227 | 186 | NM | NM | 774 | 693 | 55 | 50 | 0 | 0 | 55 | 50 | 9 | 8 | 0 | 0 | 9 | 8 | 163 | 128 |
| Washington | 404 | 321 | 25.8% | 166 | 129 | 238 | 193 | 3 | 3 | 163 | 126 | 31 | 26 | 0 | 0 | 31 | 26 | 1 | 1 | 0 | 0 | 1 | 1 | 206 | 166 |
| Pacific Noncontiguous | 906 | 801 | 13.1% | 256 | 233 | 650 | 568 | 32 | 31 | 222 | 200 | 216 | 208 | NM | NM | 213 | 206 | 2 | 2 | 0 | 0 | 2 | 2 | 435 | 360 |
| Alaska | 15 | 8 | 80.6% | 6 | NM | 9 | 8 | NM | NM | NM | 0 | 3 | 3 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 5 |
| Hawaii | 890 | 792 | 12.4% | 250 | 232 | 641 | 560 | 30 | 31 | 217 | 200 | 213 | 205 | NM | NM | 211 | 204 | 2 | 2 | 0 | 0 | 2 | 2 | 428 | 355 |
| U.S. Total | 111,361 | 88,842 | 25.3% | 77,530 | 60,118 | 33,831 | 28,723 | 11,602 | 8,754 | 65,430 | 50,979 | 9,050 | 8,094 | 317 | 260 | 8,733 | 7,834 | 2,078 | 1,870 | 180 | 125 | 1,897 | 1,745 | 23,201 | 19,145 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report;
Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 1.18.A. Utility Scale Facility Net Generation from Solar Thermal by State, by Sector, May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 135 | 109 | 24.1% | 0 | 0 | 135 | 109 | 0 | 0 | 0 | 0 |
| Arizona | 98 | 96 | 2.4% | 0 | 0 | 98 | 96 | 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 | 37 | 13 | 186.7% | 0 | 0 | 37 | 13 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 279 | 191 | 45.9% | 0 | 0 | 279 | 191 | 0 | 0 | 0 | 0 |
| California | 279 | 191 | 45.9% | 0 | 0 | 279 | 191 | 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 | 300 | 38.0% | 0 | 0 | 414 | 300 | 0 | 0 | 0 | 0 |

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

## Table 1.18.B. Utility Scale Facility Net Generation from Solar Thermal

## by State, by Sector, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Generation at Utility Scale Facilities | | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | | Generation at Utility Scale Facilities | |
| Census Division and State | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 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 | 402 | 335 | 20.0% | 0 | 0 | 402 | 335 | 0 | 0 | 0 | 0 |
| Arizona | 313 | 289 | 8.4% | 0 | 0 | 313 | 289 | 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 | 87 | 45 | 95.4% | 0 | 0 | 87 | 45 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 765 | 607 | 26.0% | 0 | 0 | 765 | 607 | 0 | 0 | 0 | 0 |
| California | 765 | 607 | 26.0% | 0 | 0 | 765 | 607 | 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 | 1,167 | 942 | 23.8% | 0 | 0 | 1,167 | 942 | 0 | 0 | 0 | 0 |

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

# Chapter 2

# Consumption of Fossil Fuels

## Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 853,634 | 624,235 | 224,568 | 202 | 4,629 |
| 2015 | 739,594 | 539,506 | 195,927 | 163 | 3,999 |
| 2016 | 677,371 | 496,192 | 178,047 | 111 | 3,021 |
| 2017 | 663,911 | 484,389 | 176,643 | 95 | 2,783 |
| 2018 | 636,213 | 473,617 | 159,976 | 87 | 2,534 |
| 2019 | 537,620 | 399,545 | 135,838 | 76 | 2,161 |
| 2020 | 435,351 | 325,352 | 108,125 | 72 | 1,802 |
| 2021 | 500,367 | 372,694 | 125,920 | 87 | 1,666 |
| 2022 | 471,576 | 349,320 | 120,514 | 87 | 1,655 |
| 2023 | 386,601 | 290,887 | 94,165 | 66 | 1,484 |
| Year 2022 | | | | | |
| January | 48,671 | 35,515 | 13,004 | 8 | 145 |
| February | 39,951 | 28,588 | 11,219 | 7 | 137 |
| March | 34,396 | 24,194 | 10,045 | 5 | 151 |
| April | 30,904 | 22,073 | 8,704 | 4 | 124 |
| May | 35,210 | 26,438 | 8,621 | 3 | 148 |
| June | 41,748 | 31,926 | 9,666 | 9 | 147 |
| July | 49,433 | 37,902 | 11,380 | 8 | 143 |
| August | 48,356 | 36,307 | 11,897 | 9 | 142 |
| Sept | 37,302 | 28,179 | 8,983 | 9 | 130 |
| October | 31,458 | 23,343 | 7,980 | 8 | 126 |
| November | 32,398 | 23,313 | 8,953 | 8 | 122 |
| December | 41,750 | 31,540 | 10,062 | 9 | 139 |
| Year 2023 | | | | | |
| January | 35,469 | 27,335 | 7,993 | 7 | 134 |
| February | 26,887 | 20,036 | 6,727 | 6 | 118 |
| March | 28,612 | 21,189 | 7,301 | 5 | 117 |
| April | 22,864 | 16,126 | 6,617 | 6 | 115 |
| May | 25,567 | 18,503 | 6,937 | 6 | 121 |
| June | 33,457 | 26,075 | 7,255 | 3 | 124 |
| July | 44,484 | 34,595 | 9,750 | 4 | 136 |
| August | 43,865 | 33,990 | 9,744 | 4 | 127 |
| Sept | 34,207 | 26,163 | 7,917 | 5 | 122 |
| October | 29,616 | 21,990 | 7,494 | 7 | 124 |
| November | 29,605 | 21,122 | 8,358 | 6 | 119 |
| December | 31,968 | 23,763 | 8,073 | 7 | 126 |
| Year 2024 | | | | | |
| January | 42,396 | 32,405 | 9,850 | 9 | 131 |
| February | 25,891 | 20,140 | 5,622 | 6 | 123 |
| March | 22,241 | 17,467 | 4,635 | 6 | 133 |
| April | 21,203 | 15,741 | 5,355 | 4 | 103 |
| May | 26,448 | 20,230 | 6,097 | 2 | 120 |
| Year to Date | | | | | |
| 2022 | 189,132 | 136,808 | 51,592 | 27 | 705 |
| 2023 | 139,399 | 103,188 | 35,574 | 31 | 606 |
| 2024 | 138,178 | 105,982 | 31,559 | 28 | 609 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 421,843 | 315,700 | 104,495 | 92 | 1,556 |
| 2024 | 385,380 | 293,681 | 90,149 | 63 | 1,488 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 18,107 | 978 | 1,821 | 861 | 14,448 |
| 2015 | 16,632 | 1,032 | 1,980 | 635 | 12,985 |
| 2016 | 16,586 | 2,979 | 1,336 | 572 | 11,700 |
| 2017 | 14,667 | 2,802 | 1,158 | 515 | 10,192 |
| 2018 | 13,813 | 2,268 | 1,356 | 490 | 9,700 |
| 2019 | 12,397 | 2,062 | 1,161 | 443 | 8,731 |
| 2020 | 10,402 | 1,635 | 715 | 401 | 7,651 |
| 2021 | 11,301 | 2,153 | 667 | 447 | 8,034 |
| 2022 | 11,356 | 2,269 | 731 | 448 | 7,908 |
| 2023 | 9,587 | 1,554 | 566 | 343 | 7,124 |
| Year 2022 | | | | | |
| January | 1,071 | 221 | 66 | 48 | 736 |
| February | 930 | 189 | 67 | 49 | 625 |
| March | 985 | 181 | 78 | 32 | 694 |
| April | 898 | 163 | 72 | 22 | 641 |
| May | 904 | 149 | 56 | 24 | 676 |
| June | 892 | 173 | 52 | 33 | 634 |
| July | 954 | 219 | 55 | 36 | 643 |
| August | 963 | 203 | 62 | 37 | 661 |
| Sept | 905 | 190 | 57 | 38 | 621 |
| October | 933 | 174 | 56 | 38 | 664 |
| November | 904 | 181 | 56 | 43 | 624 |
| December | 1,018 | 227 | 55 | 48 | 688 |
| Year 2023 | | | | | |
| January | 952 | 155 | 66 | 39 | 692 |
| February | 811 | 124 | 47 | 34 | 606 |
| March | 850 | 139 | 63 | 31 | 617 |
| April | 749 | 86 | 45 | 30 | 589 |
| May | 785 | 117 | 43 | 26 | 599 |
| June | 763 | 115 | 50 | 23 | 575 |
| July | 802 | 166 | 37 | 23 | 576 |
| August | 753 | 154 | 38 | 24 | 536 |
| Sept | 766 | 145 | 38 | 25 | 558 |
| October | 758 | 110 | 51 | 27 | 571 |
| November | 781 | 116 | 43 | 29 | 593 |
| December | 816 | 126 | 43 | 34 | 612 |
| Year 2024 | | | | | |
| January | 948 | 156 | 53 | 47 | 692 |
| February | 790 | 128 | 38 | 33 | 590 |
| March | 898 | 126 | 53 | 31 | 687 |
| April | 734 | 112 | 32 | 27 | 563 |
| May | 686 | 94 | 31 | 17 | 543 |
| Year to Date | | | | | |
| 2022 | 4,788 | 903 | 338 | 174 | 3,372 |
| 2023 | 4,148 | 622 | 264 | 159 | 3,103 |
| 2024 | 4,055 | 617 | 207 | 156 | 3,075 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 10,716 | 1,988 | 657 | 433 | 7,639 |
| 2024 | 9,493 | 1,549 | 509 | 340 | 7,096 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 871,741 | 625,212 | 226,389 | 1,063 | 19,076 |
| 2015 | 756,226 | 540,538 | 197,906 | 798 | 16,984 |
| 2016 | 693,958 | 499,172 | 179,383 | 683 | 14,720 |
| 2017 | 678,578 | 487,192 | 177,801 | 610 | 12,975 |
| 2018 | 650,027 | 475,885 | 161,332 | 577 | 12,233 |
| 2019 | 550,017 | 401,607 | 136,998 | 519 | 10,892 |
| 2020 | 445,753 | 326,987 | 108,840 | 473 | 9,453 |
| 2021 | 511,669 | 374,848 | 126,587 | 534 | 9,700 |
| 2022 | 482,931 | 351,589 | 121,245 | 535 | 9,563 |
| 2023 | 396,188 | 292,440 | 94,730 | 409 | 8,608 |
| Year 2022 | | | | | |
| January | 49,742 | 35,736 | 13,069 | 56 | 881 |
| February | 40,880 | 28,777 | 11,286 | 55 | 762 |
| March | 35,381 | 24,375 | 10,123 | 37 | 845 |
| April | 31,802 | 22,236 | 8,776 | 25 | 765 |
| May | 36,114 | 26,587 | 8,677 | 27 | 824 |
| June | 42,640 | 32,099 | 9,718 | 42 | 781 |
| July | 50,387 | 38,121 | 11,435 | 44 | 787 |
| August | 49,318 | 36,510 | 11,959 | 46 | 803 |
| Sept | 38,207 | 28,369 | 9,040 | 47 | 751 |
| October | 32,391 | 23,518 | 8,036 | 46 | 791 |
| November | 33,301 | 23,494 | 9,009 | 52 | 746 |
| December | 42,768 | 31,766 | 10,117 | 57 | 828 |
| Year 2023 | | | | | |
| January | 36,421 | 27,490 | 8,059 | 46 | 826 |
| February | 27,698 | 20,160 | 6,774 | 40 | 724 |
| March | 29,462 | 21,328 | 7,364 | 37 | 734 |
| April | 23,614 | 16,212 | 6,661 | 36 | 704 |
| May | 26,353 | 18,620 | 6,980 | 31 | 720 |
| June | 34,220 | 26,191 | 7,305 | 25 | 699 |
| July | 45,286 | 34,761 | 9,787 | 27 | 711 |
| August | 44,618 | 34,144 | 9,782 | 28 | 663 |
| Sept | 34,973 | 26,308 | 7,955 | 30 | 680 |
| October | 30,374 | 22,100 | 7,546 | 33 | 695 |
| November | 30,386 | 21,238 | 8,401 | 35 | 712 |
| December | 32,784 | 23,889 | 8,116 | 40 | 738 |
| Year 2024 | | | | | |
| January | 43,343 | 32,561 | 9,902 | 56 | 823 |
| February | 26,681 | 20,268 | 5,660 | 40 | 713 |
| March | 23,139 | 17,593 | 4,688 | 37 | 820 |
| April | 21,937 | 15,853 | 5,387 | 31 | 665 |
| May | 27,134 | 20,324 | 6,128 | 19 | 663 |
| Year to Date | | | | | |
| 2022 | 193,920 | 137,711 | 51,931 | 201 | 4,077 |
| 2023 | 143,548 | 103,810 | 35,839 | 190 | 3,709 |
| 2024 | 142,233 | 106,600 | 31,766 | 184 | 3,684 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 432,559 | 317,688 | 105,152 | 524 | 9,195 |
| 2024 | 394,873 | 295,230 | 90,658 | 402 | 8,584 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Barrels)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 31,531 | 19,652 | 10,689 | 451 | 739 |
| 2015 | 28,925 | 18,562 | 9,473 | 249 | 641 |
| 2016 | 22,405 | 16,137 | 5,624 | 108 | 536 |
| 2017 | 21,696 | 15,567 | 5,461 | 191 | 476 |
| 2018 | 28,614 | 18,345 | 9,467 | 269 | 534 |
| 2019 | 20,836 | 15,677 | 4,464 | 251 | 444 |
| 2020 | 18,008 | 13,913 | 3,447 | 238 | 410 |
| 2021 | 21,633 | 16,850 | 4,102 | 250 | 432 |
| 2022 | 28,760 | 18,375 | 9,474 | 254 | 657 |
| 2023 | 20,712 | 15,679 | 4,303 | 186 | 546 |
| Year 2022 | | | | | |
| January | 5,217 | 2,325 | 2,794 | 44 | 54 |
| February | 2,067 | 1,239 | 768 | 16 | 43 |
| March | 1,732 | 1,304 | 365 | 14 | 48 |
| April | 1,408 | 1,098 | 250 | 17 | 43 |
| May | 1,588 | 1,275 | 252 | 20 | 42 |
| June | 1,704 | 1,286 | 351 | 20 | 46 |
| July | 2,020 | 1,375 | 576 | 21 | 48 |
| August | 1,896 | 1,301 | 537 | 19 | 39 |
| Sept | 1,738 | 1,341 | 335 | 12 | 49 |
| October | 1,814 | 1,370 | 387 | 14 | 43 |
| November | 1,700 | 1,339 | 304 | 15 | 42 |
| December | 5,876 | 3,121 | 2,553 | 42 | 160 |
| Year 2023 | | | | | |
| January | 1,789 | 1,405 | 303 | 21 | 59 |
| February | 2,003 | 1,292 | 651 | 17 | 43 |
| March | 1,713 | 1,280 | 365 | 16 | 52 |
| April | 1,578 | 1,214 | 307 | NM | 46 |
| May | 1,699 | 1,284 | 358 | 16 | 42 |
| June | 1,610 | 1,291 | 258 | 12 | 49 |
| July | 1,687 | 1,234 | 393 | 14 | 46 |
| August | 1,754 | 1,387 | 307 | 15 | 45 |
| Sept | 1,643 | 1,231 | 361 | 13 | 39 |
| October | 1,735 | 1,329 | 350 | 14 | 42 |
| November | 1,723 | 1,335 | 330 | 16 | 42 |
| December | 1,779 | 1,396 | 320 | 22 | 41 |
| Year 2024 | | | | | |
| January | 2,782 | 1,992 | 710 | 24 | 56 |
| February | 1,423 | 1,144 | 211 | 13 | 55 |
| March | 1,459 | 1,142 | 259 | 17 | 40 |
| April | 1,580 | 1,166 | 349 | 17 | 46 |
| May | 1,664 | 1,271 | 330 | 18 | 44 |
| Year to Date | | | | | |
| 2022 | 12,012 | 7,241 | 4,430 | 112 | 229 |
| 2023 | 8,781 | 6,476 | 1,983 | 81 | 242 |
| 2024 | 8,908 | 6,716 | 1,860 | 89 | 242 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 25,529 | 17,609 | 7,027 | NM | 670 |
| 2024 | 20,839 | 15,919 | 4,180 | 194 | 546 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Barrels)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 3,099 | 64 | 1,170 | 216 | 1,650 |
| 2015 | 3,142 | 62 | 1,155 | 282 | 1,643 |
| 2016 | 2,277 | 68 | 245 | 245 | 1,719 |
| 2017 | 2,012 | 72 | 220 | 238 | 1,482 |
| 2018 | 2,614 | 103 | 354 | 350 | 1,807 |
| 2019 | 2,162 | 71 | 226 | 419 | 1,446 |
| 2020 | 1,730 | 59 | 179 | 269 | 1,223 |
| 2021 | 2,072 | 80 | 278 | 330 | 1,384 |
| 2022 | 4,181 | 106 | 403 | 495 | 3,177 |
| 2023 | 3,304 | 71 | 330 | 372 | 2,531 |
| Year 2022 | | | | | |
| January | 425 | 28 | 68 | 114 | 214 |
| February | 239 | 14 | 18 | 30 | 177 |
| March | 336 | 6 | 35 | 33 | 263 |
| April | 335 | 4 | 27 | 26 | 277 |
| May | 310 | 5 | 27 | 34 | 244 |
| June | 345 | 5 | 28 | 18 | 294 |
| July | 360 | 5 | 25 | 38 | 292 |
| August | 243 | 3 | 27 | 30 | 183 |
| Sept | 302 | 4 | 28 | 10 | 259 |
| October | 317 | 5 | 32 | 14 | 266 |
| November | 310 | 4 | 33 | 16 | 257 |
| December | 659 | 21 | 55 | 131 | 451 |
| Year 2023 | | | | | |
| January | 388 | 6 | 35 | 57 | 290 |
| February | 288 | 8 | 29 | 26 | 225 |
| March | 350 | 5 | 26 | 27 | 292 |
| April | 278 | 5 | 29 | NM | 234 |
| May | 225 | 8 | 26 | 12 | 178 |
| June | 218 | 6 | 26 | 18 | 169 |
| July | 210 | 5 | 25 | 18 | 162 |
| August | 222 | 5 | 23 | 18 | 176 |
| Sept | 222 | 4 | 25 | 21 | 172 |
| October | 238 | 7 | 32 | 19 | 179 |
| November | 267 | 6 | 25 | 38 | 199 |
| December | 398 | 5 | 29 | 109 | 255 |
| Year 2024 | | | | | |
| January | 508 | 20 | 25 | 86 | 377 |
| February | 274 | 4 | 19 | 44 | 207 |
| March | 303 | 4 | 21 | 65 | 213 |
| April | 276 | 6 | 20 | 42 | 208 |
| May | 302 | 5 | 24 | 61 | 213 |
| Year to Date | | | | | |
| 2022 | 1,644 | 57 | 175 | 237 | 1,175 |
| 2023 | 1,528 | 33 | 145 | 131 | 1,219 |
| 2024 | 1,664 | 39 | 110 | 297 | 1,218 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 4,065 | 82 | 373 | NM | 3,221 |
| 2024 | 3,439 | 77 | 295 | 538 | 2,529 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Barrels)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 34,630 | 19,716 | 11,859 | 667 | 2,389 |
| 2015 | 32,067 | 18,624 | 10,629 | 531 | 2,283 |
| 2016 | 24,682 | 16,205 | 5,869 | 352 | 2,255 |
| 2017 | 23,708 | 15,640 | 5,681 | 429 | 1,958 |
| 2018 | 31,228 | 18,448 | 9,820 | 619 | 2,341 |
| 2019 | 22,998 | 15,748 | 4,690 | 670 | 1,890 |
| 2020 | 19,738 | 13,972 | 3,626 | 507 | 1,633 |
| 2021 | 23,705 | 16,929 | 4,379 | 580 | 1,816 |
| 2022 | 32,940 | 18,480 | 9,877 | 749 | 3,835 |
| 2023 | 24,016 | 15,749 | 4,632 | 557 | 3,077 |
| Year 2022 | | | | | |
| January | 5,642 | 2,353 | 2,863 | 158 | 268 |
| February | 2,306 | 1,253 | 786 | 47 | 220 |
| March | 2,068 | 1,310 | 400 | 47 | 311 |
| April | 1,742 | 1,102 | 277 | 43 | 320 |
| May | 1,898 | 1,280 | 279 | 54 | 285 |
| June | 2,049 | 1,291 | 379 | 38 | 341 |
| July | 2,380 | 1,380 | 601 | 59 | 340 |
| August | 2,139 | 1,305 | 564 | 48 | 222 |
| Sept | 2,040 | 1,345 | 364 | 23 | 308 |
| October | 2,131 | 1,375 | 419 | 28 | 310 |
| November | 2,011 | 1,344 | 337 | 31 | 299 |
| December | 6,534 | 3,142 | 2,608 | 173 | 611 |
| Year 2023 | | | | | |
| January | 2,177 | 1,412 | 337 | 78 | 350 |
| February | 2,291 | 1,300 | 680 | 42 | 268 |
| March | 2,063 | 1,286 | 390 | 43 | 344 |
| April | 1,856 | 1,219 | 336 | NM | 280 |
| May | 1,923 | 1,291 | 384 | 28 | 220 |
| June | 1,828 | 1,297 | 283 | 30 | 218 |
| July | 1,897 | 1,239 | 418 | 32 | 208 |
| August | 1,976 | 1,392 | 330 | 32 | 221 |
| Sept | 1,866 | 1,234 | 386 | 34 | 211 |
| October | 1,973 | 1,336 | 383 | 33 | 221 |
| November | 1,990 | 1,341 | 355 | 54 | 241 |
| December | 2,177 | 1,401 | 350 | 130 | 296 |
| Year 2024 | | | | | |
| January | 3,291 | 2,012 | 736 | 109 | 434 |
| February | 1,698 | 1,148 | 230 | 58 | 262 |
| March | 1,762 | 1,146 | 281 | 81 | 253 |
| April | 1,855 | 1,173 | 369 | 59 | 254 |
| May | 1,966 | 1,276 | 354 | 79 | 257 |
| Year to Date | | | | | |
| 2022 | 13,655 | 7,298 | 4,605 | 348 | 1,405 |
| 2023 | 10,309 | 6,508 | 2,128 | 212 | 1,461 |
| 2024 | 10,571 | 6,755 | 1,970 | 386 | 1,460 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 29,594 | 17,691 | 7,400 | NM | 3,891 |
| 2024 | 24,278 | 15,996 | 4,475 | 732 | 3,075 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 4,412 | 3,440 | 599 | 2 | 371 |
| 2015 | 4,044 | 3,120 | 669 | 2 | 253 |
| 2016 | 4,253 | 3,427 | 591 | 2 | 233 |
| 2017 | 3,490 | 2,731 | 542 | 3 | 214 |
| 2018 | 3,623 | 2,740 | 704 | 2 | 177 |
| 2019 | 2,724 | 2,067 | 478 | 1 | 177 |
| 2020 | 3,077 | 2,260 | 658 | 1 | 158 |
| 2021 | 3,070 | 2,323 | 618 | 1 | 127 |
| 2022 | 2,985 | 2,271 | 578 | 3 | 132 |
| 2023 | 1,848 | 1,328 | 416 | 1 | 103 |
| Year 2022 | | | | | |
| January | 240 | 166 | 63 | 0 | 11 |
| February | 248 | 180 | 55 | 0 | 13 |
| March | 216 | 143 | 62 | 0 | 10 |
| April | 225 | 156 | 59 | 0 | 10 |
| May | 248 | 212 | 22 | 0 | 12 |
| June | 281 | 224 | 46 | 0 | 10 |
| July | 219 | 177 | 31 | 0 | 11 |
| August | 241 | 178 | 52 | 0 | 11 |
| Sept | 280 | 210 | 60 | 0 | 10 |
| October | 263 | 192 | 60 | 0 | 11 |
| November | 227 | 178 | 36 | 0 | 13 |
| December | 296 | 254 | 31 | 0 | 10 |
| Year 2023 | | | | | |
| January | 163 | 116 | 37 | 0 | 10 |
| February | 135 | 107 | 20 | 0 | 8 |
| March | 115 | 73 | NM | 0 | 12 |
| April | 107 | 74 | NM | 0 | 7 |
| May | 117 | 76 | 34 | 0 | 8 |
| June | 147 | 107 | 33 | 0 | 7 |
| July | 252 | 196 | 44 | 0 | 11 |
| August | 254 | 197 | 47 | 0 | 10 |
| Sept | 226 | 175 | 42 | 0 | 9 |
| October | 121 | 76 | 38 | 0 | 7 |
| November | 87 | 49 | 32 | 0 | 6 |
| December | 123 | 81 | 34 | 0 | 8 |
| Year 2024 | | | | | |
| January | 134 | 95 | 31 | 0 | 8 |
| February | 104 | 69 | 29 | 0 | 6 |
| March | 59 | 22 | 30 | 0 | 7 |
| April | 96 | 66 | 22 | 0 | 7 |
| May | 116 | 83 | 26 | 0 | 7 |
| Year to Date | | | | | |
| 2022 | 1,177 | 857 | 262 | 2 | 56 |
| 2023 | 638 | 447 | 146 | 0 | 45 |
| 2024 | 508 | 336 | 138 | 1 | 34 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 2,446 | 1,860 | NM | 2 | 121 |
| 2024 | 1,718 | 1,217 | 408 | 1 | 93 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 1,283 | 3 | 90 | 16 | 1,174 |
| 2015 | 1,144 | 9 | 109 | 16 | 1,010 |
| 2016 | 1,099 | 6 | 113 | 9 | 971 |
| 2017 | 977 | 11 | 115 | 15 | 836 |
| 2018 | 929 | 12 | 93 | 10 | 814 |
| 2019 | 839 | 17 | 93 | 6 | 724 |
| 2020 | 780 | 16 | 124 | 3 | 637 |
| 2021 | 760 | 21 | 113 | 6 | 621 |
| 2022 | 718 | 23 | 92 | 13 | 589 |
| 2023 | 631 | 8 | 111 | 3 | 509 |
| Year 2022 | | | | | |
| January | 55 | 2 | 8 | 2 | 44 |
| February | 67 | 8 | 11 | 2 | 46 |
| March | 60 | 1 | 9 | 2 | 48 |
| April | 56 | 0 | 8 | 1 | 47 |
| May | 68 | 1 | 8 | 2 | 57 |
| June | 52 | 1 | 6 | 2 | 44 |
| July | 51 | 1 | 1 | 1 | 47 |
| August | 69 | 1 | 8 | 0 | 60 |
| Sept | 49 | 1 | 8 | 0 | 40 |
| October | 62 | 1 | 8 | 0 | 53 |
| November | 71 | 6 | 8 | 1 | 56 |
| December | 58 | 0 | 9 | 1 | 48 |
| Year 2023 | | | | | |
| January | 43 | 1 | 8 | 1 | 33 |
| February | 48 | 1 | 23 | 0 | 24 |
| March | 58 | 2 | NM | 0 | 46 |
| April | 50 | 2 | NM | 0 | 40 |
| May | 56 | 0 | 8 | 0 | 48 |
| June | 51 | 0 | 6 | 0 | 44 |
| July | 54 | 1 | 8 | 0 | 46 |
| August | 61 | 1 | 9 | 0 | 51 |
| Sept | 53 | 0 | 7 | 0 | 46 |
| October | 56 | 0 | 8 | 0 | 48 |
| November | 49 | 0 | 8 | 0 | 41 |
| December | 53 | 0 | 8 | 1 | 43 |
| Year 2024 | | | | | |
| January | 54 | 0 | 8 | 1 | 44 |
| February | 40 | 0 | 8 | 1 | 32 |
| March | 40 | 0 | 8 | 0 | 32 |
| April | 46 | 0 | 5 | 0 | 41 |
| May | 47 | 1 | 7 | 1 | 38 |
| Year to Date | | | | | |
| 2022 | 306 | 13 | 44 | 8 | 241 |
| 2023 | 255 | 6 | 57 | 2 | 190 |
| 2024 | 227 | 1 | 36 | 3 | 187 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 667 | 17 | NM | 7 | 538 |
| 2024 | 603 | 3 | 90 | 4 | 506 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 5,695 | 3,443 | 689 | 18 | 1,545 |
| 2015 | 5,188 | 3,128 | 779 | 18 | 1,263 |
| 2016 | 5,352 | 3,433 | 705 | 10 | 1,204 |
| 2017 | 4,467 | 2,742 | 657 | 17 | 1,050 |
| 2018 | 4,552 | 2,752 | 797 | 12 | 991 |
| 2019 | 3,563 | 2,083 | 571 | 7 | 900 |
| 2020 | 3,856 | 2,276 | 782 | 4 | 795 |
| 2021 | 3,830 | 2,344 | 731 | 7 | 748 |
| 2022 | 3,702 | 2,294 | 671 | 16 | 721 |
| 2023 | 2,479 | 1,336 | 527 | 4 | 612 |
| Year 2022 | | | | | |
| January | 295 | 168 | 71 | 2 | 54 |
| February | 315 | 188 | 66 | 2 | 59 |
| March | 275 | 144 | 71 | 2 | 58 |
| April | 282 | 156 | 67 | 2 | 57 |
| May | 315 | 214 | 30 | 2 | 69 |
| June | 333 | 225 | 53 | 2 | 53 |
| July | 270 | 178 | 33 | 1 | 58 |
| August | 310 | 179 | 59 | 0 | 72 |
| Sept | 330 | 211 | 68 | 0 | 51 |
| October | 325 | 193 | 68 | 0 | 64 |
| November | 298 | 184 | 44 | 1 | 69 |
| December | 355 | 255 | 40 | 2 | 58 |
| Year 2023 | | | | | |
| January | 206 | 116 | 46 | 2 | 42 |
| February | 184 | 108 | 43 | 0 | 32 |
| March | 173 | 75 | NM | 0 | 59 |
| April | 157 | 77 | NM | 0 | 47 |
| May | 173 | 76 | 42 | 0 | 55 |
| June | 198 | 107 | 39 | 0 | 51 |
| July | 306 | 197 | 52 | 0 | 57 |
| August | 315 | 197 | 56 | 0 | 61 |
| Sept | 278 | 175 | 49 | 0 | 54 |
| October | 177 | 76 | 46 | 0 | 55 |
| November | 136 | 49 | 40 | 0 | 47 |
| December | 176 | 81 | 42 | 1 | 51 |
| Year 2024 | | | | | |
| January | 188 | 95 | 39 | 2 | 52 |
| February | 144 | 69 | 36 | 1 | 38 |
| March | 99 | 22 | 38 | 0 | 39 |
| April | 142 | 66 | 28 | 0 | 48 |
| May | 163 | 84 | 32 | 1 | 45 |
| Year to Date | | | | | |
| 2022 | 1,482 | 870 | 305 | 10 | 297 |
| 2023 | 893 | 453 | 203 | 2 | 235 |
| 2024 | 735 | 337 | 174 | 3 | 221 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 3,113 | 1,877 | NM | 9 | 659 |
| 2024 | 2,321 | 1,220 | 498 | 5 | 598 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 8,544,387 | 3,895,008 | 3,954,032 | 71,957 | 623,390 |
| 2015 | 10,016,576 | 4,745,255 | 4,576,683 | 70,092 | 624,545 |
| 2016 | 10,170,110 | 5,018,894 | 4,571,375 | 46,304 | 533,537 |
| 2017 | 9,508,062 | 4,754,893 | 4,161,984 | 50,060 | 541,126 |
| 2018 | 10,842,129 | 5,560,267 | 4,663,935 | 52,650 | 565,276 |
| 2019 | 11,612,858 | 5,980,679 | 4,958,798 | 55,575 | 617,805 |
| 2020 | 11,928,104 | 6,196,152 | 5,061,569 | 51,827 | 618,556 |
| 2021 | 11,502,569 | 5,876,442 | 4,995,247 | 45,537 | 585,343 |
| 2022 | 12,384,098 | 6,376,042 | 5,364,051 | 48,658 | 595,347 |
| 2023 | 13,223,128 | 6,789,584 | 5,779,618 | 50,985 | 602,940 |
| Year 2022 | | | | | |
| January | 972,571 | 499,668 | 416,488 | 3,980 | 52,436 |
| February | 823,713 | 414,497 | 360,403 | 3,525 | 45,288 |
| March | 800,152 | 407,227 | 339,907 | 3,791 | 49,227 |
| April | 767,572 | 391,895 | 325,930 | 3,536 | 46,211 |
| May | 947,261 | 488,790 | 406,341 | 3,767 | 48,363 |
| June | 1,168,712 | 623,024 | 491,993 | 4,050 | 49,645 |
| July | 1,430,805 | 752,312 | 619,375 | 4,873 | 54,245 |
| August | 1,407,824 | 722,888 | 625,436 | 5,064 | 54,436 |
| Sept | 1,149,683 | 579,459 | 517,292 | 4,325 | 48,606 |
| October | 971,750 | 491,554 | 428,251 | 3,632 | 48,313 |
| November | 928,163 | 480,119 | 394,845 | 3,849 | 49,349 |
| December | 1,015,892 | 524,610 | 437,788 | 4,265 | 49,228 |
| Year 2023 | | | | | |
| January | 992,227 | 506,014 | 430,554 | 4,119 | 51,540 |
| February | 892,138 | 451,594 | 389,745 | 3,797 | 47,001 |
| March | 955,703 | 489,302 | 412,237 | 4,094 | 50,070 |
| April | 887,551 | 462,086 | 379,288 | 3,728 | 42,449 |
| May | 1,019,950 | 543,723 | 425,181 | 3,862 | 47,184 |
| June | 1,202,013 | 625,349 | 521,735 | 4,409 | 50,520 |
| July | 1,496,047 | 772,384 | 665,860 | 4,941 | 52,862 |
| August | 1,487,939 | 781,914 | 647,398 | 4,950 | 53,677 |
| Sept | 1,217,126 | 618,366 | 542,844 | 4,609 | 51,307 |
| October | 1,041,044 | 529,873 | 457,358 | 4,072 | 49,742 |
| November | 988,664 | 486,100 | 447,704 | 4,046 | 50,814 |
| December | 1,042,726 | 522,880 | 459,715 | 4,358 | 55,773 |
| Year 2024 | | | | | |
| January | 1,158,025 | 584,603 | 513,207 | 4,553 | 55,662 |
| February | 936,436 | 480,120 | 403,490 | 4,178 | 48,647 |
| March | 937,983 | 488,672 | 396,135 | 4,398 | 48,778 |
| April | 908,741 | 476,033 | 380,466 | 3,649 | 48,593 |
| May | 1,063,309 | 574,943 | 436,047 | 4,057 | 48,262 |
| Year to Date | | | | | |
| 2022 | 4,311,269 | 2,202,076 | 1,849,069 | 18,599 | 241,524 |
| 2023 | 4,747,569 | 2,452,718 | 2,037,006 | 19,600 | 238,245 |
| 2024 | 5,004,493 | 2,604,370 | 2,129,346 | 20,835 | 249,943 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 12,820,398 | 6,626,684 | 5,551,987 | 49,659 | 592,068 |
| 2024 | 13,480,052 | 6,941,236 | 5,871,959 | 52,220 | 614,638 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 865,146 | 4,926 | 292,016 | 46,635 | 521,569 |
| 2015 | 935,098 | 8,060 | 283,372 | 46,287 | 597,379 |
| 2016 | 1,151,866 | 38,096 | 356,905 | 80,943 | 675,922 |
| 2017 | 1,168,544 | 38,740 | 309,949 | 104,324 | 715,532 |
| 2018 | 1,205,962 | 43,156 | 331,952 | 81,856 | 748,997 |
| 2019 | 1,196,025 | 42,645 | 317,231 | 79,734 | 756,415 |
| 2020 | 1,292,624 | 47,025 | 326,976 | 78,844 | 839,778 |
| 2021 | 1,221,841 | 49,103 | 307,795 | 71,094 | 793,849 |
| 2022 | 1,206,240 | 46,329 | 305,125 | 74,683 | 780,102 |
| 2023 | 1,222,439 | 51,023 | 310,053 | 72,410 | 788,954 |
| Year 2022 | | | | | |
| January | 111,979 | 4,635 | 28,424 | 7,331 | 71,588 |
| February | 98,435 | 3,929 | 25,170 | 6,465 | 62,872 |
| March | 102,253 | 3,852 | 25,861 | 6,384 | 66,155 |
| April | 92,922 | 2,748 | 22,502 | 5,734 | 61,937 |
| May | 95,758 | 3,356 | 24,200 | 5,623 | 62,579 |
| June | 97,703 | 3,887 | 25,622 | 5,855 | 62,339 |
| July | 106,539 | 4,604 | 28,679 | 6,816 | 66,439 |
| August | 106,095 | 4,242 | 27,578 | 6,894 | 67,380 |
| Sept | 96,584 | 3,583 | 24,804 | 5,816 | 62,381 |
| October | 95,266 | 3,073 | 23,556 | 5,412 | 63,225 |
| November | 98,143 | 4,017 | 23,125 | 5,694 | 65,307 |
| December | 104,563 | 4,401 | 25,603 | 6,659 | 67,900 |
| Year 2023 | | | | | |
| January | 109,076 | 4,435 | 26,082 | 6,700 | 71,858 |
| February | 98,330 | 3,904 | 25,131 | 6,084 | 63,212 |
| March | 106,424 | 3,934 | 26,486 | 6,508 | 69,496 |
| April | 94,488 | 3,407 | 23,770 | 5,543 | 61,768 |
| May | 94,720 | 3,923 | 22,879 | 5,368 | 62,550 |
| June | 98,389 | 4,488 | 24,843 | 5,667 | 63,391 |
| July | 103,951 | 5,320 | 27,775 | 5,994 | 64,862 |
| August | 102,833 | 5,406 | 27,752 | 6,024 | 63,651 |
| Sept | 99,904 | 4,377 | 25,540 | 5,768 | 64,220 |
| October | 98,645 | 3,566 | 25,577 | 5,857 | 63,645 |
| November | 104,844 | 4,005 | 27,172 | 6,259 | 67,408 |
| December | 110,834 | 4,258 | 27,046 | 6,637 | 72,893 |
| Year 2024 | | | | | |
| January | 116,870 | 4,590 | 28,584 | 7,169 | 76,526 |
| February | 101,981 | 4,125 | 26,675 | 6,419 | 64,763 |
| March | 103,471 | 4,381 | 26,236 | 6,539 | 66,315 |
| April | 94,852 | 3,405 | 22,496 | 5,370 | 63,580 |
| May | 98,448 | 3,912 | 24,939 | 5,328 | 64,269 |
| Year to Date | | | | | |
| 2022 | 501,346 | 18,520 | 126,158 | 31,537 | 325,131 |
| 2023 | 503,038 | 19,603 | 124,349 | 30,203 | 328,883 |
| 2024 | 515,622 | 20,413 | 128,930 | 30,824 | 335,454 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 1,207,932 | 47,411 | 303,316 | 73,350 | 783,855 |
| 2024 | 1,235,022 | 51,833 | 314,635 | 73,031 | 795,524 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 9,409,532 | 3,899,934 | 4,246,048 | 118,591 | 1,144,959 |
| 2015 | 10,951,674 | 4,753,315 | 4,860,055 | 116,380 | 1,221,924 |
| 2016 | 11,321,975 | 5,056,990 | 4,928,280 | 127,246 | 1,209,459 |
| 2017 | 10,676,606 | 4,793,632 | 4,471,933 | 154,383 | 1,256,658 |
| 2018 | 12,048,091 | 5,603,423 | 4,995,888 | 134,507 | 1,314,273 |
| 2019 | 12,808,883 | 6,023,324 | 5,276,029 | 135,310 | 1,374,220 |
| 2020 | 13,220,728 | 6,243,178 | 5,388,546 | 130,671 | 1,458,334 |
| 2021 | 12,724,410 | 5,925,545 | 5,303,041 | 116,631 | 1,379,193 |
| 2022 | 13,590,337 | 6,422,370 | 5,669,176 | 123,342 | 1,375,449 |
| 2023 | 14,445,567 | 6,840,607 | 6,089,671 | 123,395 | 1,391,894 |
| Year 2022 | | | | | |
| January | 1,084,549 | 504,303 | 444,912 | 11,311 | 124,023 |
| February | 922,149 | 418,426 | 385,573 | 9,989 | 108,160 |
| March | 902,405 | 411,079 | 365,768 | 10,175 | 115,382 |
| April | 860,494 | 394,643 | 348,432 | 9,270 | 108,148 |
| May | 1,043,019 | 492,145 | 430,541 | 9,390 | 110,942 |
| June | 1,266,415 | 626,911 | 517,616 | 9,905 | 111,984 |
| July | 1,537,344 | 756,916 | 648,054 | 11,689 | 120,685 |
| August | 1,513,919 | 727,130 | 653,015 | 11,958 | 121,816 |
| Sept | 1,246,267 | 583,042 | 542,096 | 10,141 | 110,987 |
| October | 1,067,017 | 494,626 | 451,807 | 9,044 | 111,539 |
| November | 1,026,306 | 484,137 | 417,970 | 9,543 | 114,655 |
| December | 1,120,456 | 529,011 | 463,391 | 10,924 | 117,129 |
| Year 2023 | | | | | |
| January | 1,101,303 | 510,449 | 456,636 | 10,819 | 123,398 |
| February | 990,468 | 455,497 | 414,876 | 9,881 | 110,213 |
| March | 1,062,127 | 493,236 | 438,723 | 10,602 | 119,566 |
| April | 982,039 | 465,493 | 403,058 | 9,271 | 104,217 |
| May | 1,114,670 | 547,646 | 448,061 | 9,230 | 109,733 |
| June | 1,300,402 | 629,838 | 546,578 | 10,076 | 113,911 |
| July | 1,599,998 | 777,704 | 693,634 | 10,935 | 117,725 |
| August | 1,590,772 | 787,320 | 675,150 | 10,974 | 117,328 |
| Sept | 1,317,030 | 622,743 | 568,383 | 10,377 | 115,527 |
| October | 1,139,689 | 533,439 | 482,935 | 9,928 | 113,387 |
| November | 1,093,508 | 490,105 | 474,876 | 10,305 | 118,222 |
| December | 1,153,560 | 527,138 | 486,761 | 10,995 | 128,666 |
| Year 2024 | | | | | |
| January | 1,274,895 | 589,194 | 541,791 | 11,721 | 132,189 |
| February | 1,038,417 | 484,244 | 430,165 | 10,597 | 113,411 |
| March | 1,041,453 | 493,052 | 422,371 | 10,937 | 115,093 |
| April | 1,003,593 | 479,438 | 402,962 | 9,019 | 112,174 |
| May | 1,161,757 | 578,855 | 460,987 | 9,385 | 112,531 |
| Year to Date | | | | | |
| 2022 | 4,812,615 | 2,220,596 | 1,975,227 | 50,136 | 566,655 |
| 2023 | 5,250,607 | 2,472,322 | 2,161,354 | 49,804 | 567,128 |
| 2024 | 5,520,115 | 2,624,783 | 2,258,276 | 51,659 | 585,397 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 14,028,330 | 6,674,095 | 5,855,303 | 123,009 | 1,375,922 |
| 2024 | 14,715,075 | 6,993,068 | 6,186,594 | 125,251 | 1,410,162 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Values for 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 285,982 | 25,819 | 228,447 | 27,038 | 4,678 |
| 2015 | 282,530 | 25,257 | 227,381 | 25,250 | 4,642 |
| 2016 | 273,557 | 24,280 | 224,993 | 20,445 | 3,839 |
| 2017 | 278,112 | 25,074 | 229,050 | 20,121 | 3,866 |
| 2018 | 270,235 | 23,580 | 223,513 | 19,790 | 3,352 |
| 2019 | 257,494 | 22,726 | 214,819 | 16,874 | 3,075 |
| 2020 | 252,501 | 23,571 | 208,196 | 18,136 | 2,597 |
| 2021 | 231,876 | 22,831 | 190,031 | 16,472 | 2,542 |
| 2022 | 211,866 | 18,486 | 176,160 | 14,898 | 2,323 |
| 2023 | 194,275 | 18,502 | 159,649 | 13,724 | 2,401 |
| Year 2022 | | | | | |
| January | 18,515 | 1,725 | 15,257 | 1,343 | 190 |
| February | 17,347 | 1,602 | 14,349 | 1,216 | 180 |
| March | 19,127 | 1,751 | 15,882 | 1,301 | 192 |
| April | 17,226 | 1,547 | 14,618 | 900 | 161 |
| May | 17,953 | 1,594 | 14,955 | 1,209 | 195 |
| June | 17,609 | 1,531 | 14,651 | 1,225 | 202 |
| July | 17,975 | 1,543 | 14,919 | 1,314 | 198 |
| August | 17,540 | 1,487 | 14,533 | 1,315 | 207 |
| Sept | 17,102 | 1,461 | 14,174 | 1,275 | 192 |
| October | 17,877 | 1,480 | 14,857 | 1,337 | 202 |
| November | 16,933 | 1,419 | 14,149 | 1,177 | 188 |
| December | 16,663 | 1,347 | 13,815 | 1,285 | 216 |
| Year 2023 | | | | | |
| January | 17,449 | 1,676 | 14,218 | 1,350 | 205 |
| February | 15,456 | 1,488 | 12,565 | 1,191 | 212 |
| March | 16,708 | 1,637 | 13,607 | 1,209 | 254 |
| April | 15,435 | 1,526 | 12,564 | 1,136 | 208 |
| May | 16,550 | 1,582 | 13,753 | 1,031 | 184 |
| June | 16,271 | 1,566 | 13,406 | 1,082 | 217 |
| July | 16,505 | 1,511 | 13,618 | 1,186 | 190 |
| August | 16,270 | 1,463 | 13,448 | 1,186 | 173 |
| Sept | 17,126 | 1,724 | 14,139 | 1,108 | 155 |
| October | 14,866 | 1,355 | 12,415 | 919 | 176 |
| November | 14,212 | 1,230 | 11,659 | 1,128 | 196 |
| December | 17,429 | 1,743 | 14,256 | 1,199 | 231 |
| Year 2024 | | | | | |
| January | 15,222 | 1,323 | 12,485 | 1,197 | 217 |
| February | 16,103 | 1,744 | 13,090 | 1,046 | 224 |
| March | 16,824 | 1,817 | 13,712 | 1,064 | 232 |
| April | 14,453 | 1,414 | 11,852 | 996 | 191 |
| May | 15,367 | 1,497 | 12,752 | 975 | 143 |
| Year to Date | | | | | |
| 2022 | 90,168 | 8,219 | 75,061 | 5,970 | 918 |
| 2023 | 81,597 | 7,910 | 66,708 | 5,917 | 1,063 |
| 2024 | 77,970 | 7,794 | 63,890 | 5,278 | 1,008 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 203,296 | 18,177 | 167,806 | 14,845 | 2,468 |
| 2024 | 190,648 | 18,387 | 156,831 | 13,084 | 2,346 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 1,710 | 176 | 525 | 674 | 335 |
| 2015 | 1,522 | 2 | 644 | 515 | 362 |
| 2016 | 4,163 | 3 | 2,339 | 1,034 | 788 |
| 2017 | 3,940 | 2 | 1,948 | 1,099 | 891 |
| 2018 | 3,621 | 0 | 1,867 | 911 | 843 |
| 2019 | 3,570 | 5 | 1,933 | 820 | 812 |
| 2020 | 4,011 | 3 | 2,187 | 820 | 1,000 |
| 2021 | 4,030 | 6 | 2,155 | 741 | 1,129 |
| 2022 | 4,280 | 15 | 1,996 | 817 | 1,451 |
| 2023 | 4,576 | 11 | 2,254 | 705 | 1,607 |
| Year 2022 | | | | | |
| January | 401 | 1 | 197 | 81 | 121 |
| February | 374 | 1 | 186 | 69 | 118 |
| March | 436 | 1 | 218 | 78 | 138 |
| April | 330 | 1 | 157 | 70 | 102 |
| May | 293 | 1 | 116 | 51 | 125 |
| June | 344 | 1 | 163 | 65 | 115 |
| July | 362 | 1 | 170 | 66 | 125 |
| August | 362 | 1 | 164 | 74 | 122 |
| Sept | 355 | 1 | 160 | 76 | 117 |
| October | 355 | 1 | 163 | 69 | 122 |
| November | 315 | 1 | 130 | 64 | 120 |
| December | 354 | 1 | 173 | 55 | 124 |
| Year 2023 | | | | | |
| January | 460 | 1 | 239 | 64 | 157 |
| February | 393 | 1 | 199 | 52 | 141 |
| March | 402 | 1 | 204 | 49 | 148 |
| April | 399 | 1 | 192 | 65 | 141 |
| May | 281 | 1 | 125 | 40 | 116 |
| June | 353 | 1 | 170 | 53 | 128 |
| July | 401 | 1 | 199 | 65 | 136 |
| August | 396 | 1 | 197 | 70 | 128 |
| Sept | 361 | 1 | 186 | 61 | 113 |
| October | 361 | 1 | 174 | 72 | 114 |
| November | 331 | 0 | 142 | 60 | 129 |
| December | 440 | 1 | 228 | 54 | 156 |
| Year 2024 | | | | | |
| January | 414 | 1 | 217 | 46 | 149 |
| February | 370 | 1 | 179 | 51 | 138 |
| March | 376 | 1 | 180 | 52 | 142 |
| April | 379 | 1 | 160 | 38 | 181 |
| May | 242 | 1 | 111 | 32 | 98 |
| Year to Date | | | | | |
| 2022 | 1,833 | 6 | 874 | 349 | 605 |
| 2023 | 1,935 | 4 | 958 | 270 | 703 |
| 2024 | 1,780 | 5 | 846 | 220 | 709 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 4,381 | 13 | 2,080 | 738 | 1,550 |
| 2024 | 4,422 | 12 | 2,143 | 655 | 1,612 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Million Cubic Feet)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 287,692 | 25,995 | 228,971 | 27,713 | 5,013 |
| 2015 | 284,052 | 25,259 | 228,024 | 25,765 | 5,004 |
| 2016 | 277,720 | 24,283 | 227,332 | 21,479 | 4,626 |
| 2017 | 282,051 | 25,076 | 230,998 | 21,220 | 4,757 |
| 2018 | 273,856 | 23,580 | 225,380 | 20,701 | 4,196 |
| 2019 | 261,064 | 22,731 | 216,753 | 17,694 | 3,887 |
| 2020 | 256,512 | 23,575 | 210,383 | 18,956 | 3,598 |
| 2021 | 235,906 | 22,836 | 192,186 | 17,212 | 3,671 |
| 2022 | 216,146 | 18,501 | 178,155 | 15,715 | 3,774 |
| 2023 | 198,851 | 18,512 | 161,903 | 14,428 | 4,008 |
| Year 2022 | | | | | |
| January | 18,916 | 1,726 | 15,454 | 1,424 | 311 |
| February | 17,721 | 1,603 | 14,535 | 1,285 | 298 |
| March | 19,562 | 1,753 | 16,100 | 1,379 | 330 |
| April | 17,556 | 1,548 | 14,775 | 971 | 263 |
| May | 18,246 | 1,595 | 15,070 | 1,260 | 321 |
| June | 17,953 | 1,532 | 14,813 | 1,290 | 318 |
| July | 18,337 | 1,545 | 15,089 | 1,380 | 323 |
| August | 17,902 | 1,488 | 14,696 | 1,389 | 329 |
| Sept | 17,456 | 1,462 | 14,334 | 1,350 | 309 |
| October | 18,232 | 1,482 | 15,020 | 1,406 | 324 |
| November | 17,247 | 1,420 | 14,279 | 1,241 | 308 |
| December | 17,017 | 1,348 | 13,988 | 1,340 | 340 |
| Year 2023 | | | | | |
| January | 17,909 | 1,677 | 14,457 | 1,414 | 362 |
| February | 15,849 | 1,489 | 12,764 | 1,243 | 353 |
| March | 17,109 | 1,638 | 13,811 | 1,258 | 402 |
| April | 15,833 | 1,527 | 12,756 | 1,201 | 349 |
| May | 16,831 | 1,583 | 13,878 | 1,070 | 300 |
| June | 16,624 | 1,567 | 13,577 | 1,135 | 345 |
| July | 16,906 | 1,512 | 13,817 | 1,252 | 325 |
| August | 16,666 | 1,464 | 13,645 | 1,256 | 301 |
| Sept | 17,487 | 1,725 | 14,325 | 1,169 | 268 |
| October | 15,226 | 1,356 | 12,589 | 991 | 290 |
| November | 14,543 | 1,230 | 11,801 | 1,187 | 325 |
| December | 17,868 | 1,744 | 14,484 | 1,252 | 387 |
| Year 2024 | | | | | |
| January | 15,636 | 1,324 | 12,702 | 1,243 | 367 |
| February | 16,473 | 1,745 | 13,269 | 1,097 | 362 |
| March | 17,200 | 1,818 | 13,892 | 1,116 | 374 |
| April | 14,832 | 1,414 | 12,012 | 1,034 | 372 |
| May | 15,609 | 1,498 | 12,862 | 1,007 | 242 |
| Year to Date | | | | | |
| 2022 | 92,001 | 8,225 | 75,935 | 6,319 | 1,522 |
| 2023 | 83,532 | 7,914 | 67,665 | 6,187 | 1,766 |
| 2024 | 79,750 | 7,800 | 64,736 | 5,497 | 1,717 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 207,677 | 18,190 | 169,885 | 15,583 | 4,018 |
| 2024 | 195,070 | 18,398 | 158,974 | 13,739 | 3,959 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 16,706 | 444 | 13,809 | 2,447 | 6 |
| 2015 | 16,631 | 452 | 13,797 | 2,375 | 8 |
| 2016 | 16,994 | 464 | 13,953 | 2,566 | 11 |
| 2017 | 16,348 | 422 | 13,381 | 2,537 | 8 |
| 2018 | 16,783 | 467 | 13,859 | 2,448 | 9 |
| 2019 | 15,559 | 297 | 12,941 | 2,310 | 10 |
| 2020 | 15,516 | 280 | 12,975 | 2,251 | 10 |
| 2021 | 15,223 | 252 | 12,442 | 2,521 | 7 |
| 2022 | 14,589 | 274 | 7,346 | 6,969 | 0 |
| 2023 | 13,860 | 283 | 6,941 | 6,636 | 0 |
| Year 2022 | | | | | |
| January | 1,214 | 22 | 645 | 547 | 0 |
| February | 1,117 | 20 | 567 | 530 | 0 |
| March | 1,215 | 17 | 638 | 560 | 0 |
| April | 1,207 | 23 | 592 | 591 | 0 |
| May | 1,225 | 28 | 607 | 589 | 0 |
| June | 1,248 | 25 | 622 | 601 | 0 |
| July | 1,272 | 25 | 634 | 612 | 0 |
| August | 1,246 | 28 | 623 | 595 | 0 |
| Sept | 1,199 | 18 | 604 | 577 | 0 |
| October | 1,211 | 24 | 592 | 595 | 0 |
| November | 1,212 | 23 | 593 | 595 | 0 |
| December | 1,224 | 21 | 626 | 577 | 0 |
| Year 2023 | | | | | |
| January | 1,202 | 24 | 616 | 561 | 0 |
| February | 1,046 | 15 | 539 | 492 | 0 |
| March | 1,110 | 21 | 575 | 513 | 0 |
| April | 1,063 | 21 | 533 | 509 | 0 |
| May | 1,167 | 21 | 591 | 554 | 0 |
| June | 1,177 | 26 | 582 | 569 | 0 |
| July | 1,245 | 24 | 620 | 601 | 0 |
| August | 1,231 | 28 | 614 | 588 | 0 |
| Sept | 1,137 | 24 | 572 | 540 | 0 |
| October | 1,153 | 27 | 564 | 562 | 0 |
| November | 1,124 | 26 | 544 | 555 | 0 |
| December | 1,206 | 24 | 590 | 591 | 0 |
| Year 2024 | | | | | |
| January | 1,179 | 21 | 582 | 575 | 0 |
| February | 1,062 | 17 | 531 | 513 | 0 |
| March | 1,098 | 13 | 565 | 520 | 0 |
| April | 1,067 | 20 | 504 | 544 | 0 |
| May | 1,168 | 29 | 567 | 571 | 0 |
| Year to Date | | | | | |
| 2022 | 5,978 | 110 | 3,051 | 2,817 | 0 |
| 2023 | 5,587 | 103 | 2,854 | 2,630 | 0 |
| 2024 | 5,574 | 101 | 2,750 | 2,723 | 0 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 14,198 | 268 | 7,149 | 6,782 | 0 |
| 2024 | 13,848 | 281 | 6,837 | 6,729 | 0 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 1,955 | 0 | 650 | 1,104 | 200 |
| 2015 | 1,986 | 0 | 655 | 1,127 | 203 |
| 2016 | 2,232 | 0 | 885 | 1,134 | 213 |
| 2017 | 2,124 | 0 | 814 | 1,102 | 208 |
| 2018 | 2,050 | 0 | 752 | 1,109 | 189 |
| 2019 | 1,667 | 0 | 743 | 737 | 187 |
| 2020 | 1,650 | 0 | 757 | 705 | 188 |
| 2021 | 1,712 | 0 | 873 | 666 | 173 |
| 2022 | 1,647 | 0 | 401 | 1,246 | 0 |
| 2023 | 1,543 | 0 | 449 | 1,094 | 0 |
| Year 2022 | | | | | |
| January | 148 | 0 | 38 | 110 | 0 |
| February | 130 | 0 | 31 | 99 | 0 |
| March | 129 | 0 | 30 | 100 | 0 |
| April | 125 | 0 | 29 | 96 | 0 |
| May | 143 | 0 | 34 | 109 | 0 |
| June | 141 | 0 | 32 | 108 | 0 |
| July | 148 | 0 | 37 | 111 | 0 |
| August | 151 | 0 | 34 | 117 | 0 |
| Sept | 137 | 0 | 32 | 104 | 0 |
| October | 127 | 0 | 32 | 95 | 0 |
| November | 139 | 0 | 34 | 106 | 0 |
| December | 129 | 0 | 38 | 91 | 0 |
| Year 2023 | | | | | |
| January | 125 | 0 | 38 | 87 | 0 |
| February | 121 | 0 | 33 | 89 | 0 |
| March | 128 | 0 | 34 | 94 | 0 |
| April | 121 | 0 | 32 | 89 | 0 |
| May | 131 | 0 | 33 | 97 | 0 |
| June | 117 | 0 | 33 | 84 | 0 |
| July | 137 | 0 | 41 | 95 | 0 |
| August | 141 | 0 | 40 | 101 | 0 |
| Sept | 130 | 0 | 40 | 90 | 0 |
| October | 111 | 0 | 37 | 74 | 0 |
| November | 134 | 0 | 44 | 90 | 0 |
| December | 147 | 0 | 43 | 103 | 0 |
| Year 2024 | | | | | |
| January | 141 | 0 | 43 | 98 | 0 |
| February | 130 | 0 | 35 | 95 | 0 |
| March | 126 | 0 | 33 | 93 | 0 |
| April | 111 | 0 | 35 | 76 | 0 |
| May | 133 | 0 | 36 | 96 | 0 |
| Year to Date | | | | | |
| 2022 | 675 | 0 | 162 | 513 | 0 |
| 2023 | 626 | 0 | 170 | 456 | 0 |
| 2024 | 642 | 0 | 183 | 458 | 0 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 1,598 | 0 | 410 | 1,189 | 0 |
| 2024 | 1,558 | 0 | 462 | 1,096 | 0 |

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-May 2024 (Thousand Tons)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 18,661 | 444 | 14,459 | 3,551 | 206 |
| 2015 | 18,617 | 452 | 14,452 | 3,502 | 211 |
| 2016 | 19,226 | 464 | 14,838 | 3,700 | 224 |
| 2017 | 18,473 | 422 | 14,195 | 3,639 | 216 |
| 2018 | 18,833 | 467 | 14,611 | 3,557 | 197 |
| 2019 | 17,225 | 297 | 13,684 | 3,047 | 197 |
| 2020 | 17,166 | 280 | 13,732 | 2,956 | 198 |
| 2021 | 16,934 | 252 | 13,315 | 3,187 | 180 |
| 2022 | 16,236 | 274 | 7,747 | 8,215 | 0 |
| 2023 | 15,403 | 283 | 7,390 | 7,730 | 0 |
| Year 2022 | | | | | |
| January | 1,362 | 22 | 683 | 657 | 0 |
| February | 1,248 | 20 | 598 | 629 | 0 |
| March | 1,344 | 17 | 668 | 660 | 0 |
| April | 1,332 | 23 | 621 | 687 | 0 |
| May | 1,368 | 28 | 642 | 697 | 0 |
| June | 1,389 | 25 | 655 | 709 | 0 |
| July | 1,420 | 25 | 671 | 723 | 0 |
| August | 1,397 | 28 | 657 | 712 | 0 |
| Sept | 1,336 | 18 | 636 | 682 | 0 |
| October | 1,338 | 24 | 624 | 690 | 0 |
| November | 1,351 | 23 | 627 | 701 | 0 |
| December | 1,353 | 21 | 664 | 668 | 0 |
| Year 2023 | | | | | |
| January | 1,327 | 24 | 654 | 649 | 0 |
| February | 1,167 | 15 | 571 | 581 | 0 |
| March | 1,238 | 21 | 609 | 607 | 0 |
| April | 1,183 | 21 | 564 | 598 | 0 |
| May | 1,297 | 21 | 625 | 652 | 0 |
| June | 1,294 | 26 | 615 | 653 | 0 |
| July | 1,382 | 24 | 661 | 696 | 0 |
| August | 1,372 | 28 | 654 | 690 | 0 |
| Sept | 1,267 | 24 | 612 | 630 | 0 |
| October | 1,264 | 27 | 601 | 635 | 0 |
| November | 1,258 | 26 | 587 | 645 | 0 |
| December | 1,353 | 24 | 634 | 695 | 0 |
| Year 2024 | | | | | |
| January | 1,320 | 21 | 626 | 673 | 0 |
| February | 1,192 | 17 | 566 | 609 | 0 |
| March | 1,225 | 13 | 599 | 613 | 0 |
| April | 1,178 | 20 | 539 | 619 | 0 |
| May | 1,301 | 29 | 604 | 668 | 0 |
| Year to Date | | | | | |
| 2022 | 6,653 | 110 | 3,212 | 3,331 | 0 |
| 2023 | 6,213 | 103 | 3,024 | 3,086 | 0 |
| 2024 | 6,216 | 101 | 2,933 | 3,182 | 0 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 15,797 | 268 | 7,558 | 7,971 | 0 |
| 2024 | 15,406 | 281 | 7,299 | 7,826 | 0 |

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 2022 and prior years are final. Values for 2023 and 2024 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. Wood / Wood Waste Biomass: Consumption for Electricity Generation, by Sector, 2014-May 2024 (Billion Btus)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 431,285 | 45,643 | 174,513 | 961 | 210,167 |
| 2015 | 406,650 | 43,919 | 171,387 | 504 | 190,840 |
| 2016 | 359,983 | 41,036 | 149,516 | 473 | 168,959 |
| 2017 | 363,646 | 42,806 | 151,877 | 460 | 168,503 |
| 2018 | 361,703 | 45,856 | 143,288 | 520 | 172,039 |
| 2019 | 338,317 | 42,240 | 128,980 | 583 | 166,514 |
| 2020 | 318,381 | 31,606 | 125,695 | 608 | 160,472 |
| 2021 | 328,253 | 41,868 | 129,554 | 998 | 155,833 |
| 2022 | 323,764 | 46,357 | 125,125 | 1,140 | 151,142 |
| 2023 | 274,420 | 34,192 | 100,099 | 732 | 139,397 |
| Year 2022 | | | | | |
| January | 28,590 | 4,116 | 11,148 | 102 | 13,225 |
| February | 27,354 | 4,072 | 10,966 | 94 | 12,223 |
| March | 26,834 | 3,220 | 10,911 | 69 | 12,633 |
| April | 24,378 | 2,638 | 9,297 | 73 | 12,370 |
| May | 26,037 | 3,542 | 9,711 | 110 | 12,675 |
| June | 27,667 | 4,060 | 10,713 | 129 | 12,766 |
| July | 30,189 | 4,960 | 11,506 | 119 | 13,604 |
| August | 29,708 | 5,264 | 11,129 | 171 | 13,144 |
| Sept | 26,117 | 3,722 | 10,273 | 81 | 12,041 |
| October | 23,854 | 3,181 | 9,295 | 42 | 11,335 |
| November | 25,533 | 3,117 | 9,864 | 72 | 12,481 |
| December | 27,502 | 4,466 | 10,313 | 77 | 12,647 |
| Year 2023 | | | | | |
| January | 26,787 | 3,731 | 10,268 | 76 | 12,713 |
| February | 22,684 | 3,170 | 8,154 | 47 | 11,314 |
| March | 23,014 | 2,323 | 8,749 | 55 | 11,887 |
| April | 19,588 | 1,306 | 7,242 | 46 | 10,994 |
| May | 24,087 | 2,736 | 8,988 | 24 | 12,339 |
| June | 23,681 | 3,459 | 8,757 | 68 | 11,398 |
| July | 25,631 | 4,424 | 9,667 | 58 | 11,482 |
| August | 25,999 | 4,195 | 9,765 | 85 | 11,954 |
| Sept | 21,971 | 3,201 | 7,976 | 82 | 10,712 |
| October | 17,647 | 1,513 | 5,522 | 61 | 10,552 |
| November | 21,207 | 1,981 | 7,240 | 56 | 11,930 |
| December | 22,123 | 2,156 | 7,772 | 74 | 12,122 |
| Year 2024 | | | | | |
| January | 24,974 | 3,832 | 9,159 | 99 | 11,884 |
| February | 20,851 | 2,558 | 7,235 | 37 | 11,021 |
| March | 21,487 | 1,561 | 8,299 | 24 | 11,603 |
| April | 20,357 | 2,153 | 6,848 | 9 | 11,347 |
| May | 23,038 | 3,035 | 8,139 | 33 | 11,830 |
| Year to Date | | | | | |
| 2022 | 133,193 | 17,587 | 52,032 | 449 | 63,124 |
| 2023 | 116,160 | 13,265 | 43,400 | 248 | 59,246 |
| 2024 | 110,706 | 13,139 | 39,681 | 201 | 57,685 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 306,731 | 42,035 | 116,493 | 939 | 147,264 |
| 2024 | 268,966 | 34,066 | 96,379 | 685 | 137,836 |

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 2022 and prior years are final. Values for 2023 and 2024 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.B. Wood / Wood Waste Biomass: Consumption for Useful Thermal Output, by Sector, 2014-May 2024 (Billion Btus)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 946,344 | 8,835 | 22,262 | 3,766 | 911,481 |
| 2015 | 943,962 | 9,351 | 19,200 | 3,714 | 911,697 |
| 2016 | 969,841 | 10,950 | 22,905 | 4,520 | 931,465 |
| 2017 | 939,633 | 11,656 | 22,986 | 4,522 | 900,469 |
| 2018 | 929,365 | 10,297 | 21,623 | 4,806 | 892,639 |
| 2019 | 907,420 | 3,564 | 25,740 | 4,969 | 873,147 |
| 2020 | 860,062 | 3,051 | 25,022 | 3,595 | 828,394 |
| 2021 | 870,986 | 3,520 | 21,804 | 2,958 | 842,704 |
| 2022 | 819,395 | 4,629 | 21,579 | 3,158 | 790,029 |
| 2023 | 747,320 | 3,777 | 23,488 | 2,343 | 717,713 |
| Year 2022 | | | | | |
| January | 72,157 | 390 | 2,158 | 282 | 69,327 |
| February | 65,478 | 385 | 1,740 | 281 | 63,071 |
| March | 68,069 | 443 | 1,613 | 228 | 65,785 |
| April | 68,138 | 403 | 1,617 | 171 | 65,947 |
| May | 69,868 | 269 | 1,639 | 274 | 67,686 |
| June | 68,973 | 296 | 1,688 | 367 | 66,623 |
| July | 71,267 | 330 | 1,709 | 327 | 68,901 |
| August | 70,484 | 360 | 1,819 | 375 | 67,931 |
| Sept | 64,897 | 408 | 1,977 | 199 | 62,313 |
| October | 65,076 | 230 | 1,763 | 149 | 62,935 |
| November | 66,976 | 513 | 1,895 | 250 | 64,318 |
| December | 68,011 | 603 | 1,960 | 256 | 65,192 |
| Year 2023 | | | | | |
| January | 70,819 | 369 | 1,657 | 249 | 68,545 |
| February | 62,603 | 289 | 1,879 | 163 | 60,271 |
| March | 66,239 | 302 | 2,880 | 223 | 62,834 |
| April | 58,787 | 338 | 2,173 | 162 | 56,115 |
| May | 63,472 | 273 | 2,046 | 81 | 61,072 |
| June | 58,929 | 336 | 2,168 | 254 | 56,171 |
| July | 60,435 | 353 | 1,799 | 129 | 58,155 |
| August | 60,940 | 374 | 1,310 | 221 | 59,035 |
| Sept | 57,254 | 324 | 1,133 | 256 | 55,540 |
| October | 60,417 | 188 | 2,787 | 185 | 57,258 |
| November | 63,922 | 343 | 1,962 | 179 | 61,439 |
| December | 63,502 | 288 | 1,694 | 241 | 61,279 |
| Year 2024 | | | | | |
| January | 64,247 | 354 | 1,725 | 285 | 61,883 |
| February | 56,580 | 255 | 1,422 | 138 | 54,765 |
| March | 61,494 | 393 | 1,518 | 75 | 59,510 |
| April | 60,386 | 282 | 1,683 | 65 | 58,356 |
| May | 60,029 | 336 | 1,406 | 147 | 58,139 |
| Year to Date | | | | | |
| 2022 | 343,710 | 1,890 | 8,767 | 1,236 | 331,817 |
| 2023 | 321,920 | 1,571 | 10,635 | 878 | 308,836 |
| 2024 | 302,737 | 1,620 | 7,754 | 710 | 292,653 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 797,605 | 4,310 | 23,447 | 2,800 | 767,049 |
| 2024 | 728,137 | 3,826 | 20,607 | 2,174 | 701,530 |

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 2022 and prior years are final. Values for 2023 and 2024 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.C. Wood / Wood Waste Biomass: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2014-May 2024 (Billion Btus)

| | | Electric Power Sector | | | |
|---|---|---|---|---|---|
| Period | Total (all sectors) | Electric Utilities | Independent Power Producers | Commercial Sector | Industrial Sector |
| Annual Totals | | | | | |
| 2014 | 1,377,629 | 54,478 | 196,775 | 4,727 | 1,121,648 |
| 2015 | 1,350,612 | 53,269 | 190,587 | 4,219 | 1,102,537 |
| 2016 | 1,329,824 | 51,986 | 172,421 | 4,993 | 1,100,424 |
| 2017 | 1,303,279 | 54,462 | 174,862 | 4,982 | 1,068,972 |
| 2018 | 1,291,068 | 56,153 | 164,911 | 5,326 | 1,064,678 |
| 2019 | 1,245,737 | 45,804 | 154,720 | 5,552 | 1,039,661 |
| 2020 | 1,178,443 | 34,657 | 150,717 | 4,203 | 988,866 |
| 2021 | 1,199,240 | 45,387 | 151,359 | 3,957 | 998,537 |
| 2022 | 1,143,159 | 50,986 | 146,704 | 4,297 | 941,171 |
| 2023 | 1,021,740 | 37,969 | 123,587 | 3,075 | 857,110 |
| Year 2022 | | | | | |
| January | 100,746 | 4,505 | 13,306 | 384 | 82,552 |
| February | 92,833 | 4,457 | 12,706 | 376 | 75,294 |
| March | 94,902 | 3,663 | 12,524 | 297 | 78,418 |
| April | 92,516 | 3,041 | 10,914 | 244 | 78,317 |
| May | 95,906 | 3,810 | 11,350 | 384 | 80,361 |
| June | 96,641 | 4,356 | 12,401 | 495 | 79,388 |
| July | 101,457 | 5,290 | 13,216 | 446 | 82,505 |
| August | 100,192 | 5,624 | 12,948 | 545 | 81,075 |
| Sept | 91,014 | 4,131 | 12,251 | 280 | 74,354 |
| October | 88,930 | 3,412 | 11,058 | 191 | 74,270 |
| November | 92,510 | 3,630 | 11,759 | 322 | 76,800 |
| December | 95,513 | 5,068 | 12,273 | 334 | 77,839 |
| Year 2023 | | | | | |
| January | 97,606 | 4,099 | 11,925 | 325 | 81,258 |
| February | 85,287 | 3,459 | 10,033 | 210 | 71,586 |
| March | 89,253 | 2,625 | 11,630 | 278 | 74,720 |
| April | 78,375 | 1,644 | 9,415 | 209 | 67,109 |
| May | 87,558 | 3,009 | 11,034 | 105 | 73,410 |
| June | 82,610 | 3,795 | 10,925 | 322 | 67,569 |
| July | 86,067 | 4,777 | 11,466 | 187 | 69,637 |
| August | 86,939 | 4,568 | 11,075 | 306 | 70,990 |
| Sept | 79,224 | 3,525 | 9,109 | 338 | 66,253 |
| October | 78,065 | 1,700 | 8,308 | 246 | 67,810 |
| November | 85,130 | 2,324 | 9,202 | 235 | 73,369 |
| December | 85,625 | 2,444 | 9,466 | 315 | 73,401 |
| Year 2024 | | | | | |
| January | 89,221 | 4,186 | 10,885 | 384 | 73,767 |
| February | 77,431 | 2,813 | 8,657 | 175 | 65,786 |
| March | 82,981 | 1,954 | 9,816 | 98 | 71,113 |
| April | 80,743 | 2,435 | 8,531 | 74 | 69,703 |
| May | 83,066 | 3,371 | 9,546 | 180 | 69,969 |
| Year to Date | | | | | |
| 2022 | 476,903 | 19,477 | 60,800 | 1,685 | 394,941 |
| 2023 | 438,080 | 14,836 | 54,036 | 1,126 | 368,082 |
| 2024 | 413,443 | 14,759 | 47,435 | 911 | 350,338 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 1,104,336 | 46,345 | 139,940 | 3,739 | 914,312 |
| 2024 | 997,103 | 37,892 | 116,986 | 2,859 | 839,365 |

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 2022 and prior years are final. Values for 2023 and 2024 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 2.8.A. Consumption of Coal for Electricity Generation by State, by Sector, May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 0 | 1 | -16.0% | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 0 | 1 | -16.0% | 0 | 0 | 0 | 1 | 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 | 496 | 670 | -26.0% | 0 | 0 | 495 | 668 | 0 | 0 | 2 | 2 |
| 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 | 496 | 670 | -26.0% | 0 | 0 | 495 | 668 | 0 | 0 | 2 | 2 |
| East North Central | 5,210 | 4,217 | 24.0% | 2,902 | 2,451 | 2,286 | 1,732 | NM | 2 | 22 | 32 |
| Illinois | 1,238 | 1,066 | 16.0% | 36 | 66 | 1,186 | 974 | NM | 1 | 16 | 26 |
| Indiana | 1,269 | 1,299 | -2.3% | 1,120 | 1,148 | 149 | 150 | 0 | 1 | 0 | 0 |
| Michigan | 917 | 568 | 61.0% | 911 | 564 | 5 | 3 | 0 | 0 | NM | NM |
| Ohio | 1,032 | 728 | 42.0% | 86 | 123 | 946 | 605 | 0 | 0 | 0 | 0 |
| Wisconsin | 754 | 556 | 36.0% | 749 | 550 | 0 | 0 | 0 | 0 | 5 | NM |
| West North Central | 5,355 | 5,511 | -2.8% | 5,285 | 5,449 | 0 | 0 | 0 | 0 | 70 | 62 |
| Iowa | 478 | 680 | -30.0% | 436 | 642 | 0 | 0 | 0 | 0 | 42 | 38 |
| Kansas | 603 | 556 | 8.5% | 603 | 556 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 336 | 421 | -20.0% | 333 | 418 | 0 | 0 | 0 | 0 | 3 | 3 |
| Missouri | 2,031 | 1,779 | 14.0% | 2,031 | 1,779 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 531 | 780 | -32.0% | 509 | 761 | 0 | 0 | 0 | 0 | 22 | 19 |
| North Dakota | 1,311 | 1,200 | 9.3% | 1,308 | 1,198 | 0 | 0 | 0 | 0 | NM | 3 |
| South Dakota | 66 | 96 | -31.0% | 66 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 4,123 | 3,151 | 31.0% | 3,722 | 2,667 | 395 | 478 | 0 | 0 | 6 | 6 |
| Delaware | 6 | 0 | -- | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 364 | 341 | 6.7% | 363 | 340 | 0 | 0 | 0 | 0 | 0 | 1 |
| Georgia | 678 | 618 | 9.7% | 676 | 616 | 0 | 0 | 0 | 0 | 2 | 2 |
| Maryland | 180 | 4 | NM | 0 | 0 | 180 | 4 | 0 | 0 | 0 | 0 |
| North Carolina | 763 | 251 | 204.0% | 763 | 249 | 0 | 0 | 0 | 0 | 0 | 1 |
| South Carolina | 572 | 512 | 12.0% | 572 | 509 | 0 | 3 | 0 | 0 | 0 | 0 |
| Virginia | 50 | 61 | -17.0% | 48 | 60 | 0 | 0 | 0 | 0 | 3 | 1 |
| West Virginia | 1,509 | 1,365 | 11.0% | 1,301 | 893 | 209 | 471 | 0 | 0 | 0 | 0 |
| East South Central | 3,544 | 3,262 | 8.6% | 3,367 | 2,966 | 170 | 291 | 0 | 0 | 8 | 6 |
| Alabama | 1,050 | 817 | 28.0% | 1,050 | 817 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 1,736 | 1,524 | 14.0% | 1,736 | 1,524 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 247 | 291 | -15.0% | 77 | 0 | 170 | 291 | 0 | 0 | 0 | 0 |
| Tennessee | 512 | 630 | -19.0% | 504 | 624 | 0 | 0 | 0 | 0 | 8 | 6 |
| West South Central | 4,769 | 5,412 | -12.0% | 2,292 | 2,162 | 2,477 | 3,249 | 0 | 0 | 1 | 1 |
| Arkansas | 632 | 944 | -33.0% | 499 | 753 | 133 | 190 | 0 | 0 | 1 | 1 |
| Louisiana | 290 | 180 | 61.0% | 180 | 172 | 111 | 8 | 0 | 0 | 0 | 0 |
| Oklahoma | 291 | 198 | 47.0% | 291 | 198 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 3,555 | 4,090 | -13.0% | 1,322 | 1,040 | 2,233 | 3,051 | 0 | 0 | 0 | 0 |
| Mountain | 2,882 | 3,280 | -12.0% | 2,609 | 2,776 | 267 | 496 | 0 | 0 | 7 | 8 |
| Arizona | 319 | 330 | -3.3% | 319 | 330 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 482 | 657 | -27.0% | 482 | 657 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Montana | 172 | 401 | -57.0% | 0 | 0 | 172 | 401 | 0 | 0 | NM | NM |
| Nevada | 82 | 44 | 87.0% | 45 | 28 | 37 | 16 | 0 | 0 | 0 | 0 |
| New Mexico | 393 | 288 | 37.0% | 393 | 288 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 473 | 355 | 33.0% | 433 | 319 | 40 | 36 | 0 | 0 | 0 | 0 |
| Wyoming | 961 | 1,204 | -20.0% | 937 | 1,154 | 18 | 43 | 0 | 0 | 7 | 7 |
| Pacific Contiguous | 5 | 20 | -77.0% | 0 | 0 | 0 | 15 | 0 | 0 | 5 | 5 |
| California | 4 | 4 | -7.4% | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 1 | 16 | -96.0% | 0 | 0 | 0 | 15 | 0 | 0 | 1 | 1 |
| Pacific Noncontiguous | 63 | 44 | 44.0% | 53 | NM | NM | NM | NM | 4 | 0 | 0 |
| Alaska | 63 | 44 | 44.0% | 53 | NM | NM | NM | NM | 4 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 26,448 | 25,567 | 3.4% | 20,230 | 18,503 | 6,097 | 6,937 | 2 | 6 | 120 | 121 |

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

## Table 2.8.B. Consumption of Coal for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 19 | 48 | -60.0% | 0 | 0 | 19 | 48 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 4 | 6 | -41.0% | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Hampshire | 16 | 42 | -63.0% | 0 | 0 | 16 | 42 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 4,015 | 3,984 | 0.8% | 0 | 0 | 4,007 | 3,976 | 0 | 0 | 7 | 9 |
| 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 | 4,015 | 3,984 | 0.8% | 0 | 0 | 4,007 | 3,976 | 0 | 0 | 7 | 9 |
| East North Central | 27,396 | 27,485 | -0.3% | 16,953 | 16,622 | 10,322 | 10,707 | 4 | 7 | 116 | 150 |
| Illinois | 6,059 | 5,991 | 1.1% | 285 | 279 | 5,688 | 5,590 | 2 | 2 | 85 | 120 |
| Indiana | 7,774 | 7,937 | -2.0% | 7,053 | 7,151 | 720 | 782 | 2 | 5 | 0 | 0 |
| Michigan | 4,561 | 4,996 | -8.7% | 4,529 | 4,939 | 29 | 55 | 0 | 0 | 3 | 2 |
| Ohio | 4,674 | 5,018 | -6.9% | 788 | 737 | 3,886 | 4,281 | 0 | 0 | 0 | 0 |
| Wisconsin | 4,328 | 3,543 | 22.0% | 4,300 | 3,515 | 0 | 0 | 0 | 0 | 29 | 28 |
| West North Central | 28,110 | 29,585 | -5.0% | 27,774 | 29,284 | 0 | 0 | 4 | 3 | 332 | 297 |
| Iowa | 2,303 | 3,011 | -24.0% | 2,109 | 2,847 | 0 | 0 | 1 | 2 | 193 | 161 |
| Kansas | 2,681 | 3,569 | -25.0% | 2,681 | 3,569 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 2,610 | 2,635 | -1.0% | 2,594 | 2,619 | 0 | 0 | 1 | 0 | 15 | 15 |
| Missouri | 8,864 | 8,828 | 0.4% | 8,863 | 8,828 | 0 | 0 | 1 | 1 | 0 | 0 |
| Nebraska | 3,507 | 3,941 | -11.0% | 3,399 | 3,837 | 0 | 0 | 0 | 0 | 109 | 104 |
| North Dakota | 7,754 | 7,314 | 6.0% | 7,739 | 7,297 | 0 | 0 | 0 | 0 | 16 | 16 |
| South Dakota | 391 | 287 | 36.0% | 391 | 287 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 18,573 | 16,496 | 13.0% | 16,967 | 13,948 | 1,566 | 2,497 | 3 | 1 | 37 | 49 |
| Delaware | 24 | 0 | -- | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,292 | 2,043 | -37.0% | 1,290 | 2,040 | 0 | 0 | 0 | 0 | 1 | 3 |
| Georgia | 3,471 | 2,494 | 39.0% | 3,457 | 2,483 | 0 | 0 | 0 | 0 | 14 | 11 |
| Maryland | 448 | 142 | 216.0% | 0 | 0 | 448 | 142 | 0 | 0 | 0 | 0 |
| North Carolina | 3,033 | 1,340 | 126.0% | 3,028 | 1,330 | 0 | 0 | 3 | 1 | 3 | 10 |
| South Carolina | 2,612 | 2,249 | 16.0% | 2,610 | 2,234 | 0 | 13 | 0 | 0 | 1 | 2 |
| Virginia | 396 | 448 | -12.0% | 377 | 425 | 0 | 0 | 0 | 0 | 18 | 23 |
| West Virginia | 7,298 | 7,778 | -6.2% | 6,204 | 5,436 | 1,095 | 2,342 | 0 | 0 | 0 | 0 |
| East South Central | 17,631 | 16,655 | 5.9% | 16,876 | 15,308 | 710 | 1,315 | 0 | 0 | 45 | 31 |
| Alabama | 4,675 | 4,176 | 12.0% | 4,675 | 4,176 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 8,822 | 7,981 | 11.0% | 8,822 | 7,981 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1,061 | 1,534 | -31.0% | 351 | 219 | 710 | 1,315 | 0 | 0 | 0 | 0 |
| Tennessee | 3,073 | 2,963 | 3.7% | 3,029 | 2,932 | 0 | 0 | 0 | 0 | 45 | 31 |
| West South Central | 22,214 | 22,141 | 0.3% | 10,919 | 9,810 | 11,287 | 12,324 | 0 | 0 | 8 | 7 |
| Arkansas | 3,493 | 3,189 | 9.5% | 2,855 | 2,391 | 636 | 796 | 0 | 0 | 3 | 3 |
| Louisiana | 1,231 | 619 | 99.0% | 883 | 611 | 348 | 8 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,304 | 761 | 71.0% | 1,298 | 757 | 0 | 0 | 0 | 0 | 5 | 4 |
| Texas | 16,187 | 17,571 | -7.9% | 5,883 | 6,051 | 10,303 | 11,520 | 0 | 0 | 0 | 0 |
| Mountain | 19,390 | 21,573 | -10.0% | 16,303 | 18,062 | 3,049 | 3,472 | 0 | 0 | 39 | 39 |
| Arizona | 2,207 | 2,346 | -5.9% | 2,207 | 2,346 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 3,485 | 4,025 | -13.0% | 3,485 | 4,025 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| Montana | 2,439 | 2,963 | -18.0% | 0 | 0 | 2,438 | 2,962 | 0 | 0 | 1 | 1 |
| Nevada | 533 | 373 | 43.0% | 301 | 210 | 233 | 163 | 0 | 0 | 0 | 0 |
| New Mexico | 1,955 | 1,607 | 22.0% | 1,955 | 1,607 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 2,466 | 3,135 | -21.0% | 2,288 | 2,988 | 177 | 147 | 0 | 0 | 0 | 0 |
| Wyoming | 6,306 | 7,123 | -11.0% | 6,067 | 6,886 | 202 | 200 | 0 | 0 | 37 | 37 |
| Pacific Contiguous | 581 | 1,216 | -52.0% | 0 | 0 | 556 | 1,191 | 0 | 0 | 25 | 24 |
| California | 22 | 21 | 4.7% | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 559 | 1,195 | -53.0% | 0 | 0 | 556 | 1,191 | 0 | 0 | 3 | 3 |
| Pacific Noncontiguous | 250 | 217 | 15.0% | 191 | 154 | 41 | 42 | 18 | 20 | 0 | 0 |
| Alaska | 250 | 217 | 15.0% | 191 | 154 | 41 | 42 | 18 | 20 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 138,178 | 139,399 | -0.9% | 105,982 | 103,188 | 31,559 | 35,574 | 28 | 31 | 609 | 606 |

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

## Table 2.9.A. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, May 2024 and May 2023 (Thousand Barrels)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 25 | 68 | -63.0% | 3 | NM | 19 | 64 | 1 | 2 | 2 | 0 |
| Connecticut | NM | 60 | NM | 1 | 1 | NM | 59 | NM | NM | NM | NM |
| Maine | 2 | 1 | 105.0% | 0 | 0 | NM | 1 | 0 | 0 | 2 | 0 |
| Massachusetts | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| New Hampshire | 1 | 1 | -1.2% | 0 | 0 | NM | NM | 0 | 1 | 0 | 0 |
| Rhode Island | NM | NM | NM | 0 | 0 | NM | NM | NM | NM | 0 | 0 |
| Vermont | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 42 | NM | NM | 12 | NM | 24 | NM | NM | NM | 3 | 2 |
| New Jersey | NM | NM | NM | 0 | 0 | NM | NM | NM | NM | 0 | 0 |
| New York | 22 | NM | NM | 12 | NM | NM | NM | NM | NM | 0 | NM |
| Pennsylvania | 18 | 16 | 11.0% | 0 | NM | NM | NM | 1 | 2 | 3 | 2 |
| East North Central | 75 | 77 | -2.4% | 42 | 44 | 33 | 32 | NM | 0 | 0 | 1 |
| Illinois | 5 | 7 | -20.0% | 1 | 1 | 4 | 6 | NM | NM | 0 | 0 |
| Indiana | 14 | 9 | 46.0% | 14 | 9 | 0 | 0 | 0 | 0 | NM | 0 |
| Michigan | 18 | 24 | -27.0% | 18 | 24 | 0 | 0 | NM | NM | 0 | 0 |
| Ohio | 32 | 29 | 10.0% | NM | 3 | 29 | 25 | NM | 0 | 0 | 1 |
| Wisconsin | 7 | NM | NM | 7 | NM | 0 | 2 | NM | NM | 0 | NM |
| West North Central | 69 | 77 | -11.0% | 68 | 77 | NM | NM | 0 | 0 | 0 | 0 |
| Iowa | 22 | 28 | -21.0% | 22 | 28 | 0 | NM | 0 | 0 | NM | NM |
| Kansas | 13 | 8 | 72.0% | 13 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 7 | NM | NM | 6 | NM | NM | NM | 0 | 0 | 0 | 0 |
| Missouri | 12 | 14 | -18.0% | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 7 | NM | NM | 7 | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 6 | 7 | -4.3% | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| South Atlantic | 203 | 122 | 67.0% | 128 | 92 | 53 | 14 | 11 | 4 | 12 | 12 |
| Delaware | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| District of Columbia | NM | NM | -- | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 32 | 25 | 30.0% | 31 | 23 | NM | 1 | 0 | 0 | NM | 1 |
| Georgia | 18 | 13 | 39.0% | 8 | 6 | NM | NM | NM | NM | 9 | 8 |
| Maryland | 44 | 8 | 486.0% | NM | 0 | 44 | 7 | 0 | 0 | 0 | 0 |
| North Carolina | 17 | 15 | 7.2% | 15 | 13 | NM | NM | NM | NM | 1 | 2 |
| South Carolina | 20 | 19 | 7.9% | 19 | 17 | 1 | 1 | 0 | 0 | 0 | 1 |
| Virginia | 48 | 15 | 227.0% | 33 | NM | 3 | 3 | 10 | 4 | 1 | 1 |
| West Virginia | 21 | 26 | -17.0% | 21 | 26 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 48 | 36 | 36.0% | 48 | 35 | NM | NM | 0 | 0 | NM | NM |
| Alabama | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | NM | NM |
| Kentucky | 16 | 14 | 11.0% | 16 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1 | 0 | 332.0% | 1 | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 31 | 21 | 48.0% | 31 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 57 | 41 | 39.0% | 25 | 20 | 31 | 20 | NM | NM | 1 | 1 |
| Arkansas | 13 | NM | NM | 11 | NM | 3 | 0 | 0 | 0 | NM | NM |
| Louisiana | NM | 1 | NM | NM | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 4 | 3 | 48.0% | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 1 |
| Texas | 38 | 30 | 26.0% | 9 | NM | 28 | 20 | NM | NM | 0 | 0 |
| Mountain | 27 | 39 | -30.0% | 23 | 37 | 4 | 2 | NM | NM | 0 | 0 |
| Arizona | 5 | 9 | -42.0% | 5 | 9 | 0 | 0 | NM | NM | 0 | 0 |
| Colorado | 5 | 8 | -39.0% | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 4 | NM | NM | NM | NM | 4 | 1 | 0 | 0 | 0 | 0 |
| Nevada | 2 | 0 | 466.0% | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 1 | 3 | -42.0% | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 9 | 16 | -48.0% | 9 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 9 | 13 | -30.0% | 6 | NM | 0 | NM | 2 | 3 | 1 | 5 |
| California | 7 | 11 | -33.0% | 5 | 5 | 0 | 0 | 2 | 2 | NM | 3 |
| Oregon | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| Washington | 2 | 3 | -19.0% | NM | NM | NM | NM | 0 | 0 | 1 | 2 |
| Pacific Noncontiguous | 1,108 | 1,138 | -2.7% | 918 | 943 | 164 | 174 | 2 | 2 | 24 | 20 |
| Alaska | 135 | 156 | -13.0% | 125 | 147 | 0 | 0 | 0 | NM | 10 | 8 |
| Hawaii | 973 | 983 | -1.0% | 793 | 795 | 164 | 174 | 1 | 2 | 14 | 12 |
| U.S. Total | 1,664 | 1,699 | -2.1% | 1,271 | 1,284 | 330 | 358 | 18 | 16 | 44 | 42 |

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

## Table 2.9.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Thousand Barrels)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 231 | 475 | -51.0% | 17 | 32 | 195 | 424 | 12 | 13 | 6 | 6 |
| Connecticut | 114 | 195 | -41.0% | 3 | 3 | 110 | 189 | 0 | 1 | 1 | 1 |
| Maine | 23 | 63 | -64.0% | 0 | 0 | 18 | 58 | 0 | 0 | 5 | 4 |
| Massachusetts | 67 | 101 | -33.0% | 12 | 28 | 49 | 69 | 5 | 4 | 0 | 0 |
| New Hampshire | 8 | 74 | -90.0% | 0 | 0 | NM | 67 | 6 | 6 | 0 | 0 |
| Rhode Island | 17 | 41 | -58.0% | 0 | 0 | 16 | NM | 1 | 1 | 0 | 0 |
| Vermont | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 441 | 570 | -23.0% | 151 | 180 | 257 | 353 | 12 | NM | 20 | 19 |
| New Jersey | 22 | 60 | -64.0% | 0 | 0 | 22 | 59 | NM | NM | 0 | 0 |
| New York | 294 | 425 | -31.0% | 151 | 179 | 132 | 226 | 8 | NM | 3 | 7 |
| Pennsylvania | 125 | 86 | 47.0% | 0 | 0 | 103 | 68 | 4 | 5 | 17 | 12 |
| East North Central | 379 | 349 | 8.5% | 205 | 190 | 168 | 153 | 1 | 1 | 5 | 5 |
| Illinois | 23 | 24 | -4.0% | 5 | 5 | 19 | 19 | NM | NM | 0 | 0 |
| Indiana | 66 | 80 | -18.0% | 64 | 65 | 0 | 15 | 1 | 0 | 0 | 0 |
| Michigan | 82 | 75 | 9.1% | 81 | 74 | 0 | 0 | 0 | NM | 0 | 1 |
| Ohio | 171 | 133 | 28.0% | 20 | 15 | 149 | 117 | 0 | 0 | 1 | 2 |
| Wisconsin | 38 | 36 | 4.5% | 34 | 32 | 0 | 2 | 0 | 0 | 3 | 1 |
| West North Central | 512 | 386 | 32.0% | 506 | 382 | NM | NM | 2 | 1 | 1 | 1 |
| Iowa | 98 | 86 | 13.0% | 96 | 85 | 2 | 1 | 0 | NM | NM | NM |
| Kansas | 117 | 56 | 108.0% | 117 | 56 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 35 | 36 | -2.2% | 32 | 33 | NM | NM | 1 | 1 | 1 | 1 |
| Missouri | 148 | 102 | 45.0% | 148 | 102 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 48 | 36 | 31.0% | 48 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 52 | 56 | -6.6% | 52 | 55 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | 14 | NM | NM | 14 | 0 | 0 | NM | NM | 0 | 0 |
| South Atlantic | 1,097 | 656 | 67.0% | 676 | 473 | 305 | 85 | 44 | 25 | 71 | 74 |
| Delaware | 22 | 15 | 50.0% | 0 | 1 | 22 | NM | 0 | 0 | 0 | 0 |
| District of Columbia | NM | NM | NM | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 111 | 129 | -14.0% | 100 | 120 | 8 | 4 | 0 | 0 | 4 | 5 |
| Georgia | 119 | 79 | 50.0% | 49 | 27 | 14 | NM | 0 | 0 | 55 | 50 |
| Maryland | 191 | 38 | 403.0% | 1 | 1 | 190 | 37 | NM | 0 | NM | NM |
| North Carolina | 214 | 70 | 204.0% | 175 | 57 | 34 | 2 | NM | NM | 3 | 10 |
| South Carolina | 103 | 76 | 34.0% | 98 | 70 | 1 | 3 | 0 | 0 | 3 | 3 |
| Virginia | 250 | 119 | 110.0% | 166 | 66 | 37 | 24 | 42 | 24 | 6 | 5 |
| West Virginia | 88 | 130 | -32.0% | 88 | 130 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 158 | 178 | -12.0% | 155 | 176 | NM | NM | 0 | 0 | 2 | 2 |
| Alabama | 16 | 9 | 84.0% | 15 | 7 | NM | NM | 0 | 0 | NM | NM |
| Kentucky | 57 | 57 | -0.9% | 57 | 57 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 6 | 5 | 22.0% | 5 | 4 | 0 | 0 | 0 | 0 | 1 | 1 |
| Tennessee | 79 | 107 | -27.0% | 78 | 107 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 314 | 226 | 39.0% | 148 | 91 | 160 | 133 | NM | NM | 5 | 2 |
| Arkansas | 35 | 36 | -1.1% | 29 | 30 | 6 | 6 | 0 | 0 | NM | NM |
| Louisiana | NM | 5 | NM | NM | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 20 | 9 | 122.0% | 17 | 8 | 0 | 0 | 0 | 0 | 3 | 1 |
| Texas | 246 | 176 | 40.0% | 90 | 48 | 154 | 127 | NM | NM | 2 | 1 |
| Mountain | 165 | 143 | 15.0% | 144 | 131 | 21 | 11 | NM | NM | 0 | 1 |
| Arizona | 20 | 21 | -7.8% | 20 | 21 | 0 | 0 | NM | NM | 0 | 0 |
| Colorado | 57 | 30 | 90.0% | 51 | 29 | 7 | 0 | 0 | 0 | 0 | 1 |
| Idaho | 0 | 0 | 92.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 25 | 7 | 238.0% | 13 | NM | 12 | 6 | 0 | 0 | 0 | 0 |
| Nevada | 6 | 4 | 25.0% | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 16 | 25 | -37.0% | 15 | 22 | 1 | 3 | 0 | 0 | 0 | 0 |
| Wyoming | 37 | 50 | -27.0% | 37 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 91 | 88 | 3.6% | 44 | 39 | 18 | 8 | 10 | 13 | 19 | 28 |
| California | 60 | 63 | -3.3% | 27 | 27 | 12 | 4 | 10 | 12 | 12 | 20 |
| Oregon | NM | NM | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 |
| Washington | 30 | 24 | 22.0% | 16 | 11 | 6 | 4 | 0 | 1 | 7 | 9 |
| Pacific Noncontiguous | 5,520 | 5,709 | -3.3% | 4,669 | 4,783 | 732 | 814 | 7 | 9 | 112 | 104 |
| Alaska | 760 | 707 | 7.5% | 712 | 664 | 0 | 0 | 2 | 1 | 46 | 41 |
| Hawaii | 4,760 | 5,002 | -4.8% | 3,957 | 4,118 | 732 | 814 | 5 | 8 | 66 | 63 |
| U.S. Total | 8,908 | 8,781 | 1.4% | 6,716 | 6,476 | 1,860 | 1,983 | 89 | 81 | 242 | 242 |

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

## Table 2.10.A. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 72 | 72 | 0.1% | 54 | 49 | NM | NM | 0 | 0 | 4 | 5 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 58 | 54 | 5.9% | 54 | 49 | 0 | 0 | 0 | 0 | 4 | 5 |
| Ohio | 15 | 18 | -18.0% | 0 | 0 | NM | NM | 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 | 23 | 27 | -15.0% | 22 | 27 | 0 | 0 | 0 | 0 | NM | NM |
| 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 | 22 | 27 | -16.0% | 22 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| 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 | 9 | 2 | 299.0% | 7 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 7 | 0 | -- | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 2 | 2 | 2.7% | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Mountain | 11 | 16 | -30.0% | 0 | 0 | 11 | 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 | 11 | 16 | -30.0% | 0 | 0 | 11 | 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 | 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 | 116 | 117 | -1.2% | 83 | 76 | 26 | 34 | 0 | 0 | 7 | 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 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 2.10.B. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 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 | 342 | 277 | 23.0% | 247 | 183 | 75 | NM | 0 | 0 | 20 | 25 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 265 | 202 | 31.0% | 246 | 177 | 0 | 0 | 0 | 0 | 20 | 25 |
| Ohio | 75 | 69 | 9.2% | 0 | 0 | 75 | NM | 0 | 0 | 0 | 0 |
| Wisconsin | 1 | 6 | -79.0% | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 1 | 0 | 70.0% | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Iowa | 1 | 0 | 70.0% | 0 | 0 | 0 | 0 | 1 | 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 | 68 | 172 | -61.0% | 66 | 167 | 0 | 0 | 0 | 0 | NM | NM |
| 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 | 66 | 167 | -60.0% | 66 | 167 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| 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 | 35 | 111 | -69.0% | 22 | 97 | 0 | 0 | 0 | 0 | 12 | 14 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 22 | 97 | -77.0% | 22 | 97 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 12 | 14 | -7.6% | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 14 |
| Mountain | 63 | 77 | -18.0% | 0 | 0 | 63 | 77 | 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 | 63 | 77 | -18.0% | 0 | 0 | 63 | 77 | 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 | 508 | 638 | -20.0% | 336 | 447 | 138 | 146 | 1 | 0 | 34 | 45 |

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

## Table 2.11.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, May 2024 and May 2023 (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 26,836 | 27,006 | -0.6% | NM | NM | 25,757 | 26,081 | 450 | 351 | 560 | 489 |
| Connecticut | 11,879 | 10,323 | 15.0% | 22 | 26 | 11,420 | 9,928 | NM | NM | 341 | 295 |
| Maine | 1,939 | 2,166 | -10.0% | 0 | 0 | 1,893 | 2,117 | 12 | 12 | 33 | NM |
| Massachusetts | 5,875 | 7,798 | -25.0% | NM | NM | 5,466 | 7,447 | 321 | 244 | 42 | 48 |
| New Hampshire | 2,327 | 1,886 | 23.0% | 0 | 0 | 2,310 | 1,874 | 1 | 3 | 16 | 8 |
| Rhode Island | 4,816 | 4,834 | -0.4% | 0 | 0 | 4,667 | 4,716 | NM | NM | NM | NM |
| Vermont | 0 | 1 | -96.0% | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 131,456 | 121,163 | 8.5% | 8,983 | 7,608 | 119,656 | 110,714 | 696 | 589 | 2,121 | 2,253 |
| New Jersey | 14,246 | 19,206 | -26.0% | NM | NM | 13,781 | 18,754 | 167 | NM | 182 | 190 |
| New York | 36,820 | 32,219 | 14.0% | 8,834 | 7,463 | 27,199 | 24,127 | 488 | 389 | 299 | 240 |
| Pennsylvania | 80,389 | 69,738 | 15.0% | 33 | 12 | 78,676 | 67,833 | 41 | 72 | 1,640 | 1,822 |
| East North Central | 130,767 | 123,602 | 5.8% | 54,447 | 49,878 | 72,448 | 70,400 | 647 | 612 | 3,225 | 2,712 |
| Illinois | 12,214 | 12,770 | -4.4% | 1,550 | 1,816 | 9,900 | 10,379 | 161 | 165 | 604 | 410 |
| Indiana | 22,630 | 21,025 | 7.6% | 11,943 | 12,670 | 8,990 | 6,815 | 98 | 92 | 1,599 | 1,447 |
| Michigan | 36,500 | 30,377 | 20.0% | 18,597 | 15,632 | 17,391 | 14,211 | 228 | 242 | 284 | 292 |
| Ohio | 41,249 | 43,661 | -5.5% | 5,414 | 4,986 | 35,517 | 38,451 | 124 | 81 | 194 | 143 |
| Wisconsin | 18,173 | 15,769 | 15.0% | 16,942 | 14,775 | 650 | 543 | 36 | 31 | 544 | 421 |
| West North Central | 31,399 | 29,753 | 5.5% | 27,882 | 25,748 | 2,456 | 3,062 | 159 | 189 | 901 | 754 |
| Iowa | 6,444 | 6,984 | -7.7% | 6,106 | 6,658 | NM | NM | 55 | 74 | 283 | 252 |
| Kansas | 5,616 | 4,595 | 22.0% | 5,366 | 4,373 | 0 | 0 | 0 | 0 | 251 | 222 |
| Minnesota | 8,705 | 7,652 | 14.0% | 6,556 | 4,926 | 1,827 | 2,455 | 34 | 38 | 288 | 233 |
| Missouri | 5,946 | 5,993 | -0.8% | 5,241 | 5,300 | 629 | 606 | 64 | 77 | 11 | 10 |
| Nebraska | NM | 1,760 | NM | NM | 1,759 | 0 | 0 | 6 | 0 | 11 | 0 |
| North Dakota | NM | 1,177 | NM | NM | 1,170 | 0 | 0 | 0 | 0 | 18 | 6 |
| South Dakota | NM | 1,593 | NM | NM | 1,562 | 0 | 0 | 0 | 0 | NM | NM |
| South Atlantic | 258,856 | 249,194 | 3.9% | 214,972 | 208,627 | 40,704 | 37,464 | 559 | 573 | 2,621 | 2,530 |
| Delaware | 1,611 | 2,044 | -21.0% | 75 | 0 | 1,116 | 1,512 | 0 | 0 | 420 | 532 |
| District of Columbia | NM | NM | NM | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 |
| Florida | 138,583 | 124,397 | 11.0% | 130,246 | 118,250 | 7,559 | 5,382 | NM | NM | 708 | 702 |
| Georgia | 35,606 | 41,026 | -13.0% | 28,674 | 32,259 | 6,425 | 8,349 | 0 | 0 | 507 | 418 |
| Maryland | 7,734 | 7,233 | 6.9% | 639 | 638 | 6,801 | 6,293 | 277 | 281 | 18 | 21 |
| North Carolina | 30,391 | 30,837 | -1.4% | 24,786 | 25,263 | 5,431 | 5,388 | NM | NM | 66 | 82 |
| South Carolina | 15,115 | 16,973 | -11.0% | 14,563 | 16,617 | 478 | 270 | 0 | 0 | 74 | 86 |
| Virginia | 26,603 | 23,346 | 14.0% | 15,738 | 14,774 | 10,262 | 7,981 | 13 | 13 | 590 | 577 |
| West Virginia | 3,121 | 3,226 | -3.3% | 250 | 825 | 2,632 | 2,288 | 0 | 0 | 239 | 113 |
| East South Central | 94,544 | 88,135 | 7.3% | 75,532 | 64,826 | 17,043 | 21,573 | 75 | 70 | 1,895 | 1,666 |
| Alabama | 36,011 | 35,806 | 0.6% | 18,958 | 13,919 | 16,244 | 21,104 | 0 | 0 | 809 | 784 |
| Kentucky | 12,364 | 10,152 | 22.0% | 11,491 | 9,633 | 797 | 460 | 0 | 0 | 76 | 59 |
| Mississippi | 38,986 | 31,134 | 25.0% | 38,745 | 30,892 | 2 | 9 | 0 | 0 | 239 | 233 |
| Tennessee | 7,184 | 11,043 | -35.0% | 6,338 | 10,382 | 0 | 0 | 75 | 70 | 771 | 591 |
| West South Central | 276,322 | 270,719 | 2.1% | 118,779 | 113,165 | 126,221 | 126,173 | 579 | 420 | 30,743 | 30,960 |
| Arkansas | 14,670 | 16,851 | -13.0% | 14,062 | 16,302 | 506 | 443 | NM | NM | 69 | 75 |
| Louisiana | 50,166 | 46,253 | 8.5% | 33,244 | 29,826 | 4,253 | 4,435 | NM | NM | 12,652 | 11,976 |
| Oklahoma | 32,582 | 32,648 | -0.2% | 23,285 | 21,817 | 8,969 | 10,488 | 0 | 0 | 328 | 343 |
| Texas | 178,903 | 174,966 | 2.3% | 48,188 | 45,221 | 112,493 | 110,807 | 529 | 373 | 17,693 | 18,566 |
| Mountain | 73,451 | 72,898 | 0.8% | 56,885 | 57,061 | 15,396 | 14,870 | 220 | 232 | 950 | 735 |
| Arizona | 29,843 | 30,988 | -3.7% | 20,012 | 21,613 | 9,779 | 9,322 | 52 | 52 | 0 | 0 |
| Colorado | 9,906 | 8,829 | 12.0% | 8,106 | 6,799 | 1,689 | 1,924 | 0 | 1 | 111 | 105 |
| Idaho | 1,878 | 1,762 | 6.6% | NM | 950 | NM | NM | 15 | 14 | 54 | 31 |
| Montana | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | NM | NM |
| Nevada | 12,674 | 13,431 | -5.6% | 12,220 | 13,272 | 237 | 15 | 23 | 23 | 193 | 120 |
| New Mexico | 8,498 | 9,481 | -10.0% | 5,764 | 6,688 | 2,690 | 2,754 | NM | NM | 10 | 0 |
| Utah | 6,239 | 6,379 | -2.2% | 5,893 | 6,118 | NM | NM | 95 | 102 | 178 | 78 |
| Wyoming | 3,781 | 1,612 | 135.0% | 3,376 | 1,211 | 1 | 0 | 0 | 0 | 404 | 400 |
| Pacific Contiguous | 37,604 | 35,498 | 5.9% | 15,326 | 14,756 | 16,368 | 14,844 | 672 | 826 | 5,238 | 5,072 |
| California | 26,737 | 26,204 | 2.0% | 8,095 | 7,927 | 13,182 | 12,833 | 650 | 729 | 4,810 | 4,715 |
| Oregon | 6,487 | 5,238 | 24.0% | 3,877 | 3,851 | 2,533 | 1,332 | 19 | 17 | 58 | 38 |
| Washington | 4,381 | 4,056 | 8.0% | 3,353 | 2,978 | NM | NM | 3 | 80 | 371 | 318 |
| Pacific Noncontiguous | NM | 1,981 | NM | NM | 1,969 | 0 | 0 | 0 | 0 | 7 | 12 |
| Alaska | NM | 1,981 | NM | NM | 1,969 | 0 | 0 | 0 | 0 | 7 | 12 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,063,309 | 1,019,950 | 4.3% | 574,943 | 543,723 | 436,047 | 425,181 | 4,057 | 3,862 | 48,262 | 47,184 |

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

## Table 2.11.B. Consumption of Nautral Gas for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 148,178 | 142,900 | 3.7% | NM | NM | 142,489 | 137,542 | 2,507 | 2,126 | 2,885 | 2,983 |
| Connecticut | 62,999 | 62,544 | 0.7% | 135 | 135 | 60,483 | 60,340 | 672 | 579 | 1,708 | 1,491 |
| Maine | 11,223 | 8,562 | 31.0% | 0 | 0 | 10,954 | 7,909 | 59 | 60 | 210 | 593 |
| Massachusetts | 44,245 | 40,125 | 10.0% | NM | NM | 42,188 | 38,376 | 1,676 | 1,386 | 223 | 250 |
| New Hampshire | 10,474 | 10,247 | 2.2% | 0 | 0 | 10,368 | 10,155 | 26 | 25 | 79 | 67 |
| Rhode Island | 19,233 | 21,419 | -10.0% | 0 | 0 | 18,495 | 20,763 | 73 | 73 | 664 | 583 |
| Vermont | 4 | 4 | 5.4% | 3 | 1 | 0 | 0 | 1 | 3 | 0 | 0 |
| Middle Atlantic | 650,221 | 613,606 | 6.0% | 42,816 | 37,315 | 591,711 | 561,039 | 3,823 | 3,193 | 11,872 | 12,058 |
| New Jersey | 81,633 | 76,970 | 6.1% | 648 | NM | 79,152 | 74,917 | 881 | 710 | 953 | 946 |
| New York | 182,462 | 156,336 | 17.0% | 42,074 | 36,864 | 136,020 | 115,814 | 2,671 | 2,185 | 1,697 | 1,472 |
| Pennsylvania | 386,127 | 380,299 | 1.5% | 95 | 54 | 376,539 | 370,308 | 271 | 298 | 9,222 | 9,640 |
| East North Central | 656,564 | 593,091 | 11.0% | 245,975 | 226,960 | 390,174 | 347,775 | 3,326 | 3,248 | 17,089 | 15,109 |
| Illinois | 68,906 | 60,455 | 14.0% | 8,549 | 6,495 | 56,335 | 50,677 | 936 | 920 | 3,086 | 2,364 |
| Indiana | 112,020 | 105,327 | 6.4% | 55,608 | 55,421 | 47,659 | 41,673 | 418 | 408 | 8,336 | 7,825 |
| Michigan | 165,695 | 148,014 | 12.0% | 73,033 | 63,555 | 89,757 | 81,625 | 1,253 | 1,297 | 1,652 | 1,538 |
| Ohio | 228,604 | 200,154 | 14.0% | 32,135 | 26,695 | 195,061 | 172,288 | 532 | 428 | 875 | 743 |
| Wisconsin | 81,339 | 79,141 | 2.8% | 76,650 | 74,795 | 1,361 | 1,512 | 187 | 196 | 3,141 | 2,638 |
| West North Central | 139,481 | 115,359 | 21.0% | 118,200 | 94,278 | 15,641 | 16,038 | 840 | 828 | 4,801 | 4,215 |
| Iowa | 26,779 | 27,188 | -1.5% | 24,879 | 25,534 | NM | NM | 364 | 327 | 1,534 | 1,326 |
| Kansas | 21,266 | 14,236 | 49.0% | 20,072 | 13,154 | 0 | 0 | 0 | 0 | 1,194 | 1,082 |
| Minnesota | 42,678 | 32,456 | 31.0% | 29,552 | 20,717 | 11,321 | 10,074 | 165 | 196 | 1,640 | 1,468 |
| Missouri | 26,485 | 23,366 | 13.0% | 21,817 | 17,027 | 4,317 | 5,963 | 285 | 302 | 66 | 75 |
| Nebraska | 7,406 | 5,731 | 29.0% | 7,321 | 5,727 | 0 | 0 | 26 | 4 | 59 | 0 |
| North Dakota | 7,472 | 6,606 | 13.0% | 7,396 | 6,546 | 0 | 0 | 0 | 0 | 76 | 60 |
| South Dakota | 7,395 | 5,776 | 28.0% | 7,162 | 5,573 | 0 | 0 | 0 | 0 | 233 | 202 |
| South Atlantic | 1,147,502 | 1,118,842 | 2.6% | 951,776 | 936,657 | 180,977 | 167,529 | 2,894 | 2,732 | 11,855 | 11,924 |
| Delaware | 9,474 | 11,226 | -16.0% | 91 | 32 | 7,601 | 8,831 | 0 | 0 | 1,782 | 2,363 |
| District of Columbia | 528 | 486 | 8.7% | 0 | 0 | 0 | 0 | 528 | 486 | 0 | 0 |
| Florida | 544,132 | 521,933 | 4.3% | 514,631 | 493,822 | 26,170 | 24,545 | 335 | 308 | 2,996 | 3,258 |
| Georgia | 162,342 | 172,979 | -6.1% | 128,943 | 138,785 | 30,949 | 32,157 | 0 | 0 | 2,451 | 2,036 |
| Maryland | 37,344 | 42,367 | -12.0% | 7,182 | 11,733 | 28,679 | 29,239 | 1,377 | 1,296 | 106 | 99 |
| North Carolina | 153,492 | 162,145 | -5.3% | 127,291 | 135,843 | 25,283 | 25,337 | 598 | 553 | 320 | 410 |
| South Carolina | 63,460 | 72,765 | -13.0% | 61,028 | 71,108 | 2,053 | 1,275 | 0 | 0 | 379 | 382 |
| Virginia | 165,091 | 125,991 | 31.0% | 111,768 | 84,199 | 50,474 | 39,270 | 56 | 88 | 2,793 | 2,435 |
| West Virginia | 11,638 | 8,950 | 30.0% | 842 | 1,135 | 9,768 | 6,875 | 0 | 0 | 1,029 | 940 |
| East South Central | 420,727 | 396,526 | 6.1% | 332,014 | 288,833 | 78,922 | 98,835 | 421 | 402 | 9,371 | 8,457 |
| Alabama | 160,320 | 159,692 | 0.4% | 79,971 | 58,504 | 76,301 | 97,437 | 0 | 0 | 4,048 | 3,751 |
| Kentucky | 47,347 | 38,466 | 23.0% | 44,345 | 36,741 | 2,599 | 1,366 | 0 | 0 | 403 | 360 |
| Mississippi | 167,559 | 153,478 | 9.2% | 166,318 | 152,262 | 21 | 32 | 0 | 0 | 1,220 | 1,185 |
| Tennessee | 45,501 | 44,889 | 1.4% | 41,381 | 41,326 | 0 | 0 | 421 | 402 | 3,700 | 3,161 |
| West South Central | 1,147,759 | 1,065,656 | 7.7% | 472,721 | 434,560 | 512,420 | 474,845 | 2,205 | 1,796 | 160,413 | 154,456 |
| Arkansas | 58,437 | 70,596 | -17.0% | 55,171 | 67,721 | 2,704 | 2,347 | NM | NM | 395 | 364 |
| Louisiana | 210,256 | 191,366 | 9.9% | 135,615 | 119,409 | 11,574 | 12,651 | 149 | 100 | 62,920 | 59,206 |
| Oklahoma | 135,508 | 115,254 | 18.0% | 97,281 | 77,809 | 36,606 | 35,778 | 1 | 0 | 1,620 | 1,667 |
| Texas | 743,558 | 688,440 | 8.0% | 184,654 | 169,620 | 461,537 | 424,068 | 1,888 | 1,534 | 95,479 | 93,218 |
| Mountain | 362,959 | 358,706 | 1.2% | 294,654 | 288,567 | 61,747 | 64,777 | 1,123 | 1,031 | 5,435 | 4,331 |
| Arizona | 130,444 | 133,216 | -2.1% | 96,012 | 96,870 | 34,190 | 36,133 | 241 | 213 | 0 | 0 |
| Colorado | 56,554 | 53,348 | 6.0% | 46,619 | 43,593 | 9,411 | 9,291 | 7 | 3 | 517 | 461 |
| Idaho | 15,972 | 13,754 | 16.0% | 10,209 | 8,397 | 5,340 | 5,043 | 72 | 72 | 352 | 241 |
| Montana | 3,678 | 4,412 | -17.0% | 3,090 | 3,832 | 585 | 578 | 0 | 0 | NM | NM |
| Nevada | 66,966 | 68,273 | -1.9% | 63,303 | 64,393 | 2,021 | 2,634 | 108 | 108 | 1,534 | 1,137 |
| New Mexico | 39,937 | 43,634 | -8.5% | 29,807 | 32,639 | 9,810 | 10,681 | NM | 197 | 137 | 117 |
| Utah | 35,568 | 35,090 | 1.4% | 33,755 | 33,794 | NM | 414 | 513 | 438 | 913 | 444 |
| Wyoming | 13,841 | 6,980 | 98.0% | 11,860 | 5,048 | 3 | 3 | 0 | 0 | 1,979 | 1,928 |
| Pacific Contiguous | 318,118 | 330,812 | -3.8% | 133,018 | 133,338 | 155,265 | 168,625 | 3,696 | 4,242 | 26,138 | 24,606 |
| California | 206,365 | 226,148 | -8.7% | 65,115 | 70,300 | 113,951 | 129,774 | 3,586 | 3,528 | 23,712 | 22,546 |
| Oregon | 64,237 | 58,533 | 9.7% | 33,380 | 32,276 | 30,502 | 25,927 | 91 | 91 | 263 | 239 |
| Washington | 47,516 | 46,131 | 3.0% | 34,523 | 30,762 | 10,812 | 12,925 | 18 | 623 | 2,164 | 1,821 |
| Pacific Noncontiguous | 12,984 | 12,071 | 7.6% | 12,900 | 11,963 | 0 | 0 | 1 | 0 | 83 | 108 |
| Alaska | 12,984 | 12,071 | 7.6% | 12,900 | 11,963 | 0 | 0 | 1 | 0 | 83 | 108 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 5,004,493 | 4,747,569 | 5.4% | 2,604,370 | 2,452,718 | 2,129,346 | 2,037,006 | 20,835 | 19,600 | 249,943 | 238,245 |

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

## Table 2.12.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector, May 2024 and May 2023 (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 899 | 933 | -3.7% | NM | NM | 801 | 834 | 15 | 14 | 0 | 0 |
| Connecticut | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Maine | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Massachusetts | 211 | 217 | -2.8% | 0 | 0 | 211 | 217 | 0 | 0 | 0 | 0 |
| New Hampshire | 125 | 123 | 1.5% | 0 | 0 | NM | 109 | 15 | 14 | 0 | 0 |
| Rhode Island | 425 | 438 | -2.9% | 0 | 0 | 425 | 438 | 0 | 0 | 0 | 0 |
| Vermont | NM | NM | NM | NM | NM | 0 | NM | 0 | 0 | 0 | 0 |
| Middle Atlantic | 2,424 | 2,550 | -5.0% | 0 | 0 | 2,362 | 2,450 | 11 | NM | 51 | 84 |
| New Jersey | 275 | 267 | 2.9% | 0 | 0 | 273 | 267 | 2 | 0 | 0 | 0 |
| New York | 1,212 | 1,189 | 2.0% | 0 | 0 | 1,212 | 1,189 | 0 | 0 | 0 | 0 |
| Pennsylvania | 937 | 1,094 | -14.0% | 0 | 0 | 876 | 994 | 9 | NM | 51 | 84 |
| East North Central | 3,345 | 3,765 | -11.0% | 634 | 710 | 2,690 | 3,030 | 6 | 10 | 15 | 15 |
| Illinois | 573 | 615 | -6.9% | 178 | 218 | 394 | 396 | 0 | 0 | 0 | 0 |
| Indiana | 543 | 605 | -10.0% | 456 | 492 | 87 | 113 | 0 | 0 | 0 | 0 |
| Michigan | 1,372 | 1,640 | -16.0% | 0 | 0 | 1,372 | 1,640 | 0 | 0 | 0 | 0 |
| Ohio | 228 | 235 | -2.7% | 0 | 0 | 228 | 235 | 0 | 0 | 0 | 0 |
| Wisconsin | 630 | 670 | -6.0% | 0 | 0 | 608 | 645 | 6 | 10 | 15 | 15 |
| West North Central | 635 | 657 | -3.3% | 247 | 256 | 378 | 391 | 0 | 0 | NM | NM |
| Iowa | 164 | 171 | -4.1% | 0 | 0 | 164 | 171 | 0 | 0 | 0 | 0 |
| Kansas | NM | 123 | NM | 0 | 0 | NM | 123 | 0 | 0 | 0 | 0 |
| Minnesota | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 |
| Missouri | NM | NM | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 |
| Nebraska | 139 | 147 | -5.2% | 139 | 147 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| South Atlantic | 3,095 | 3,355 | -7.7% | 214 | 209 | 2,808 | 3,063 | 6 | NM | 67 | 75 |
| Delaware | NM | 126 | NM | 0 | 0 | NM | NM | 0 | 0 | NM | NM |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 665 | 661 | 0.6% | 90 | 84 | 575 | 578 | 0 | 0 | 0 | 0 |
| Georgia | 436 | 437 | -0.3% | 0 | 0 | 436 | 437 | 0 | 0 | 0 | 0 |
| Maryland | NM | 124 | NM | 0 | 0 | NM | 124 | 0 | 0 | 0 | 0 |
| North Carolina | 621 | 731 | -15.0% | 0 | 0 | 621 | 731 | 0 | 0 | 0 | 0 |
| South Carolina | 194 | 203 | -4.5% | NM | NM | NM | NM | 0 | 0 | NM | 59 |
| Virginia | 928 | 1,065 | -13.0% | 0 | 0 | 923 | 1,057 | 6 | NM | 0 | 0 |
| West Virginia | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| East South Central | 365 | 379 | -3.7% | NM | 161 | 209 | 218 | 0 | 0 | 0 | 0 |
| Alabama | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Kentucky | 185 | 194 | -4.7% | NM | 161 | NM | NM | 0 | 0 | 0 | 0 |
| Mississippi | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Tennessee | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| West South Central | 361 | 504 | -28.0% | 0 | 0 | 361 | 504 | 0 | 0 | 0 | 0 |
| Arkansas | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Texas | 239 | 330 | -28.0% | 0 | 0 | 239 | 330 | 0 | 0 | 0 | 0 |
| Mountain | 495 | 493 | 0.4% | NM | NM | 374 | 379 | 72 | 71 | 0 | 0 |
| Arizona | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Colorado | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Idaho | NM | 112 | NM | NM | NM | NM | NM | 53 | 49 | 0 | 0 |
| Montana | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| New Mexico | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Utah | NM | 109 | NM | 0 | 0 | NM | 88 | 19 | 21 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 3,681 | 3,862 | -4.7% | NM | 117 | 2,770 | 2,885 | 798 | 860 | 0 | 0 |
| California | 3,176 | 3,352 | -5.3% | NM | NM | 2,397 | 2,514 | 773 | 832 | 0 | 0 |
| Oregon | 432 | 435 | -0.7% | NM | NM | 299 | 295 | NM | NM | 0 | 0 |
| Washington | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 67 | 52 | 29.0% | 0 | 0 | 0 | 0 | 67 | 52 | 0 | 0 |
| Alaska | 67 | 52 | 29.0% | 0 | 0 | 0 | 0 | 67 | 52 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 15,367 | 16,550 | -7.1% | 1,497 | 1,582 | 12,752 | 13,753 | 975 | 1,031 | 143 | 184 |

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

## Table 2.12.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 4,387 | 4,452 | -1.5% | 411 | 414 | 3,886 | 3,950 | 89 | 88 | 0 | 0 |
| Connecticut | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Maine | 202 | 208 | -2.9% | 0 | 0 | 202 | 208 | 0 | 0 | 0 | 0 |
| Massachusetts | 1,068 | 1,063 | 0.5% | 0 | 0 | 1,068 | 1,063 | 0 | 0 | 0 | 0 |
| New Hampshire | 601 | 598 | 0.6% | 0 | 0 | 512 | 510 | 89 | 88 | 0 | 0 |
| Rhode Island | 1,986 | 2,042 | -2.7% | 0 | 0 | 1,986 | 2,042 | 0 | 0 | 0 | 0 |
| Vermont | 465 | 480 | -3.0% | 411 | 414 | NM | NM | 0 | 0 | 0 | 0 |
| Middle Atlantic | 12,206 | 13,054 | -6.5% | 0 | 0 | 11,587 | 12,364 | 119 | 145 | 500 | 544 |
| New Jersey | 1,407 | 1,662 | -15.0% | 0 | 0 | 1,388 | 1,644 | NM | NM | 0 | 0 |
| New York | 5,908 | 5,918 | -0.2% | 0 | 0 | 5,908 | 5,918 | 0 | 0 | 0 | 0 |
| Pennsylvania | 4,891 | 5,474 | -11.0% | 0 | 0 | 4,291 | 4,802 | 99 | 127 | 500 | 544 |
| East North Central | 16,863 | 18,327 | -8.0% | 3,306 | 3,568 | 13,424 | 14,584 | 39 | 90 | 94 | 86 |
| Illinois | 2,844 | 2,945 | -3.4% | 928 | 1,032 | 1,916 | 1,913 | 0 | 0 | 0 | 0 |
| Indiana | 2,901 | 3,034 | -4.4% | 2,378 | 2,536 | 523 | 498 | 0 | 0 | 0 | 0 |
| Michigan | 6,761 | 7,721 | -12.0% | 0 | 0 | 6,761 | 7,721 | 0 | 0 | 0 | 0 |
| Ohio | 1,120 | 1,332 | -16.0% | 0 | 0 | 1,120 | 1,332 | 0 | 0 | 0 | 0 |
| Wisconsin | 3,237 | 3,295 | -1.7% | 0 | 0 | 3,104 | 3,119 | 39 | 90 | 94 | 86 |
| West North Central | 3,210 | 3,215 | -0.2% | 1,290 | 1,238 | 1,873 | 1,931 | 0 | 0 | 46 | 46 |
| Iowa | 824 | 868 | -5.1% | 0 | 0 | 824 | 868 | 0 | 0 | 0 | 0 |
| Kansas | 574 | 590 | -2.8% | 0 | 0 | 574 | 590 | 0 | 0 | 0 | 0 |
| Minnesota | 455 | 425 | 7.0% | 276 | 243 | 179 | 182 | 0 | 0 | 0 | 0 |
| Missouri | 677 | 601 | 13.0% | 380 | 310 | 297 | 291 | 0 | 0 | 0 | 0 |
| Nebraska | 634 | 685 | -7.5% | 634 | 685 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 46 | 46 | 0.7% | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 46 |
| South Atlantic | 16,262 | 16,309 | -0.3% | 1,245 | 1,067 | 14,600 | 14,798 | NM | NM | 368 | 387 |
| Delaware | 605 | 611 | -1.0% | 0 | 0 | 528 | 533 | 0 | 0 | 77 | 78 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 3,333 | 3,227 | 3.3% | 501 | 432 | 2,832 | 2,796 | 0 | 0 | 0 | 0 |
| Georgia | 2,193 | 2,150 | 2.0% | 0 | 0 | 2,191 | 2,140 | 0 | 0 | 2 | 10 |
| Maryland | 607 | 601 | 1.0% | 0 | 0 | 607 | 601 | 0 | 0 | 0 | 0 |
| North Carolina | 3,337 | 3,426 | -2.6% | 0 | 0 | 3,337 | 3,426 | 0 | 0 | 0 | 0 |
| South Carolina | 1,118 | 1,024 | 9.2% | 744 | 636 | NM | 89 | 0 | 0 | 289 | 300 |
| Virginia | 5,016 | 5,229 | -4.1% | 0 | 0 | 4,967 | 5,173 | NM | NM | 0 | 0 |
| West Virginia | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| East South Central | 1,797 | 1,892 | -5.0% | 751 | 859 | 1,046 | 1,032 | 0 | 0 | 0 | 0 |
| Alabama | 366 | 373 | -1.9% | 0 | 0 | 366 | 373 | 0 | 0 | 0 | 0 |
| Kentucky | 921 | 1,001 | -8.1% | 751 | 859 | 170 | 142 | 0 | 0 | 0 | 0 |
| Mississippi | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Tennessee | 428 | 435 | -1.4% | 0 | 0 | 428 | 435 | 0 | 0 | 0 | 0 |
| West South Central | 2,192 | 2,438 | -10.0% | 0 | 0 | 2,192 | 2,438 | 0 | 0 | 0 | 0 |
| Arkansas | 428 | 479 | -11.0% | 0 | 0 | 428 | 479 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 331 | 354 | -6.6% | 0 | 0 | 331 | 354 | 0 | 0 | 0 | 0 |
| Texas | 1,434 | 1,604 | -11.0% | 0 | 0 | 1,434 | 1,604 | 0 | 0 | 0 | 0 |
| Mountain | 2,437 | 2,407 | 1.3% | 249 | 209 | 1,813 | 1,839 | 375 | 359 | 0 | 0 |
| Arizona | 173 | 175 | -1.3% | 0 | 0 | 173 | 175 | 0 | 0 | 0 | 0 |
| Colorado | 353 | 359 | -1.5% | 0 | 0 | 353 | 359 | 0 | 0 | 0 | 0 |
| Idaho | 638 | 561 | 14.0% | 164 | 136 | 193 | 164 | 281 | 260 | 0 | 0 |
| Montana | NM | NM | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 599 | 579 | 3.4% | 0 | 0 | 599 | 579 | 0 | 0 | 0 | 0 |
| New Mexico | 140 | 138 | 1.6% | 0 | 0 | 140 | 138 | 0 | 0 | 0 | 0 |
| Utah | 448 | 522 | -14.0% | 0 | 0 | 354 | 423 | 94 | 99 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 18,279 | 19,200 | -4.8% | 542 | 554 | 13,468 | 13,772 | 4,269 | 4,875 | 0 | 0 |
| California | 15,790 | 16,850 | -6.3% | NM | NM | 11,643 | 12,107 | 4,122 | 4,716 | 0 | 0 |
| Oregon | 2,112 | 1,984 | 6.5% | 517 | 527 | 1,449 | 1,298 | 147 | 159 | 0 | 0 |
| Washington | 377 | 366 | 2.9% | 0 | 0 | 377 | 366 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 338 | 304 | 11.0% | 0 | 0 | 0 | 0 | 338 | 304 | 0 | 0 |
| Alaska | 338 | 304 | 11.0% | 0 | 0 | 0 | 0 | 338 | 304 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 77,970 | 81,597 | -4.4% | 7,794 | 7,910 | 63,890 | 66,708 | 5,278 | 5,917 | 1,008 | 1,063 |

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

## Table 2.13.A. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State, by Sector, May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 246 | 239 | 2.9% | 0 | 0 | 162 | 159 | 84 | 79 | 0 | 0 |
| Connecticut | 72 | 75 | -3.9% | 0 | 0 | 72 | 75 | 0 | 0 | 0 | 0 |
| Maine | 13 | 14 | -7.6% | 0 | 0 | 10 | 10 | 4 | 4 | 0 | 0 |
| Massachusetts | 152 | 142 | 7.3% | 0 | 0 | 72 | 67 | 80 | 75 | 0 | 0 |
| New Hampshire | 8 | 8 | 9.1% | 0 | 0 | 8 | 8 | 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 | 427 | 413 | 3.2% | 0 | 0 | 170 | 173 | 257 | 240 | 0 | 0 |
| New Jersey | 110 | 110 | 0.4% | 0 | 0 | 26 | 28 | 84 | 81 | 0 | 0 |
| New York | 157 | 151 | 3.9% | 0 | 0 | 28 | 27 | 129 | 124 | 0 | 0 |
| Pennsylvania | 160 | 153 | 4.4% | 0 | 0 | 115 | 118 | 45 | 35 | 0 | 0 |
| East North Central | 14 | 13 | 7.4% | 4 | 3 | 0 | 0 | 10 | 10 | 0 | 0 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 1 | 1 | -7.8% | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Michigan | 9 | 8 | 7.5% | 0 | 0 | 0 | 0 | 9 | 8 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 4 | 3 | 14.0% | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 47 | 34 | 38.0% | 26 | 18 | 21 | 16 | NM | 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 | 47 | 34 | 38.0% | 26 | 18 | 21 | 16 | NM | 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 | 374 | 402 | -7.1% | 0 | 0 | 196 | 215 | 178 | 188 | 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 | 233 | 267 | -13.0% | 0 | 0 | 143 | 171 | 91 | 97 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 53 | 44 | 21.0% | 0 | 0 | 53 | 44 | 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 | 87 | 91 | -4.3% | 0 | 0 | 0 | 0 | 87 | 91 | 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 | 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 | 30 | 36 | -17.0% | 0 | 0 | 19 | 28 | 11 | 8 | 0 | 0 |
| California | 11 | 21 | -47.0% | 0 | 0 | 0 | 13 | 11 | 8 | 0 | 0 |
| Oregon | 7 | 5 | 54.0% | 0 | 0 | 7 | 5 | 0 | 0 | 0 | 0 |
| Washington | 12 | 10 | 15.0% | 0 | 0 | 12 | 10 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 31 | 29 | 5.6% | 0 | 0 | 0 | 0 | 31 | 29 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 31 | 29 | 5.6% | 0 | 0 | 0 | 0 | 31 | 29 | 0 | 0 |
| U.S. Total | 1,168 | 1,167 | 0.1% | 29 | 21 | 567 | 591 | 571 | 554 | 0 | 0 |

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

## Table 2.13.B. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 1,215 | 1,189 | 2.1% | 0 | 0 | 791 | 770 | 424 | 419 | 0 | 0 |
| Connecticut | 357 | 347 | 2.9% | 0 | 0 | 357 | 347 | 0 | 0 | 0 | 0 |
| Maine | 60 | 66 | -10.0% | 0 | 0 | 42 | 43 | 17 | 23 | 0 | 0 |
| Massachusetts | 754 | 732 | 3.1% | 0 | 0 | 347 | 336 | 407 | 396 | 0 | 0 |
| New Hampshire | 44 | 44 | -0.1% | 0 | 0 | 44 | 44 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 1,998 | 1,889 | 5.7% | 0 | 0 | 819 | 809 | 1,178 | 1,080 | 0 | 0 |
| New Jersey | 535 | 503 | 6.4% | 0 | 0 | 141 | 139 | 394 | 364 | 0 | 0 |
| New York | 705 | 654 | 7.8% | 0 | 0 | 126 | 122 | 579 | 532 | 0 | 0 |
| Pennsylvania | 758 | 732 | 3.5% | 0 | 0 | 552 | 548 | 205 | 184 | 0 | 0 |
| East North Central | 67 | 66 | 1.8% | 14 | 14 | 0 | 0 | 53 | 53 | 0 | 0 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 6 | 7 | -7.7% | 0 | 0 | 0 | 0 | 6 | 7 | 0 | 0 |
| Michigan | 46 | 46 | 1.8% | 0 | 0 | 0 | 0 | 46 | 46 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 14 | 14 | 6.8% | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 169 | 172 | -1.3% | 87 | 90 | 83 | 82 | 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 | 169 | 172 | -1.3% | 87 | 90 | 83 | 82 | 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 | 1,829 | 1,904 | -4.0% | 0 | 0 | 953 | 1,026 | 876 | 879 | 0 | 0 |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,179 | 1,281 | -8.0% | 0 | 0 | 718 | 822 | 460 | 459 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 234 | 203 | 15.0% | 0 | 0 | 234 | 203 | 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 | 415 | 419 | -0.9% | 0 | 0 | 0 | 0 | 415 | 419 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 2 | 0 | -- | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 2 | 0 | -- | 0 | 0 | 0 | 0 | 2 | 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 | 149 | 215 | -31.0% | 0 | 0 | 105 | 167 | 44 | 48 | 0 | 0 |
| California | 53 | 118 | -55.0% | 0 | 0 | 10 | 71 | 44 | 48 | 0 | 0 |
| Oregon | 32 | 33 | -5.6% | 0 | 0 | 32 | 33 | 0 | 0 | 0 | 0 |
| Washington | 64 | 63 | 1.8% | 0 | 0 | 64 | 63 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 146 | 152 | -3.8% | 0 | 0 | 0 | 0 | 146 | 152 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 146 | 152 | -3.8% | 0 | 0 | 0 | 0 | 146 | 152 | 0 | 0 |
| U.S. Total | 5,574 | 5,587 | -0.2% | 101 | 103 | 2,750 | 2,854 | 2,723 | 2,630 | 0 | 0 |

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

## Table 2.14.A. Consumption of Wood / Wood Waste Biomass for Electricity Generation by State, by Sector, May 2024 and May 2023 (Billion Btus)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 1,950 | 2,179 | -11.0% | 0 | 22 | 1,761 | 1,873 | 1 | 1 | 188 | 284 |
| Connecticut | NM | 151 | NM | 0 | 0 | NM | 151 | 0 | 0 | 0 | 0 |
| Maine | 928 | 1,062 | -13.0% | 0 | 0 | 740 | 778 | 0 | 0 | 188 | 284 |
| Massachusetts | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| New Hampshire | 709 | 745 | -4.7% | 0 | 0 | 709 | 745 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | NM | NM | NM | 0 | 22 | NM | NM | 1 | 1 | 0 | 0 |
| Middle Atlantic | 191 | 210 | -9.1% | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 210 |
| New Jersey | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 46 | 46 | -0.7% | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 46 |
| Pennsylvania | 145 | 164 | -11.0% | 0 | 0 | 0 | 0 | 0 | 0 | 145 | 163 |
| East North Central | 1,774 | 1,829 | -3.0% | 472 | 558 | 866 | 869 | 0 | 0 | 436 | 402 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 1,135 | 1,087 | 4.4% | 0 | 0 | 862 | 865 | 0 | 0 | 272 | 223 |
| Ohio | 51 | 74 | -30.0% | 0 | 0 | 3 | 4 | 0 | 0 | 48 | 70 |
| Wisconsin | 588 | 668 | -12.0% | 472 | 558 | 0 | 0 | 0 | 0 | 115 | 109 |
| West North Central | 418 | 417 | 0.2% | NM | NM | 100 | 102 | 33 | 17 | 272 | 282 |
| Iowa | 8 | 0 | -- | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 366 | 395 | -7.5% | NM | NM | 100 | 102 | 2 | 16 | 251 | 261 |
| Missouri | 23 | 1 | NM | 0 | 0 | 0 | 0 | 23 | 1 | 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 | NM | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM |
| South Atlantic | 9,431 | 9,749 | -3.3% | 1,861 | 1,672 | 2,976 | 3,187 | 0 | 6 | 4,595 | 4,884 |
| 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 | 1,021 | 971 | 5.2% | 558 | 329 | 0 | 0 | 0 | 0 | 463 | 641 |
| Georgia | 4,023 | 3,981 | 1.1% | 0 | 0 | 1,984 | 1,966 | 0 | 0 | 2,039 | 2,015 |
| Maryland | 0 | 6 | -100.0% | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| North Carolina | 658 | 892 | -26.0% | 0 | 0 | 236 | 417 | 0 | 0 | 422 | 475 |
| South Carolina | 1,197 | 1,279 | -6.4% | 0 | 0 | 407 | 495 | 0 | 0 | 790 | 784 |
| Virginia | 2,532 | 2,621 | -3.4% | 1,302 | 1,343 | 349 | NM | 0 | 0 | 881 | 969 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 2,597 | 2,625 | -1.1% | 0 | 0 | 0 | 0 | 0 | 0 | 2,597 | 2,625 |
| Alabama | 1,769 | 1,838 | -3.7% | 0 | 0 | 0 | 0 | 0 | 0 | 1,769 | 1,838 |
| Kentucky | 129 | 137 | -6.0% | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 137 |
| Mississippi | 513 | 482 | 6.5% | 0 | 0 | 0 | 0 | 0 | 0 | 513 | 482 |
| Tennessee | 185 | 169 | 10.0% | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 169 |
| West South Central | 2,205 | 1,844 | 20.0% | 386 | 185 | 0 | 0 | 0 | 0 | 1,819 | 1,659 |
| Arkansas | 339 | 293 | 16.0% | 0 | 0 | 0 | 0 | 0 | 0 | 339 | 293 |
| Louisiana | 998 | 923 | 8.1% | 0 | 0 | 0 | 0 | 0 | 0 | 998 | 923 |
| Oklahoma | 155 | 125 | 24.0% | 0 | 0 | 0 | 0 | 0 | 0 | 155 | 125 |
| Texas | 712 | 504 | 41.0% | 386 | 185 | 0 | 0 | 0 | 0 | 327 | 319 |
| Mountain | 339 | 326 | 4.0% | 0 | 0 | NM | NM | 0 | 0 | 146 | 95 |
| Arizona | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Colorado | 0 | 50 | -100.0% | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 |
| Idaho | 148 | 91 | 63.0% | 0 | 0 | 7 | 14 | 0 | 0 | 141 | 76 |
| Montana | 5 | 19 | -74.0% | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 19 |
| Nevada | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 4,085 | 4,860 | -16.0% | NM | NM | 2,195 | 2,680 | 0 | 0 | 1,586 | 1,897 |
| California | 2,827 | 3,305 | -14.0% | 0 | 0 | 1,966 | 2,462 | 0 | 0 | 862 | 843 |
| Oregon | 586 | 594 | -1.3% | 0 | 0 | NM | NM | 0 | 0 | 357 | 376 |
| Washington | 671 | 961 | -30.0% | NM | NM | 0 | 0 | 0 | 0 | 368 | 678 |
| Pacific Noncontiguous | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| U.S. Total | 23,038 | 24,087 | -4.4% | 3,035 | 2,736 | 8,139 | 8,988 | 33 | 24 | 11,830 | 12,339 |

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

## Table 2.14.B. Consumption of Wood / Wood Waste Biomass for Electricity Generation by State, by Sector, Year-to-Date through May 2024 and May 2023 (Billion Btus)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 10,570 | 11,161 | -5.3% | 1,153 | 1,239 | 8,229 | 8,568 | 4 | 3 | 1,184 | 1,352 |
| Connecticut | 346 | 377 | -8.3% | 0 | 0 | 346 | 377 | 0 | 0 | 0 | 0 |
| Maine | 4,780 | 5,073 | -5.8% | 0 | 0 | 3,596 | 3,722 | 0 | 0 | 1,184 | 1,352 |
| Massachusetts | 226 | NM | NM | 0 | 0 | 226 | NM | 0 | 0 | 0 | 0 |
| New Hampshire | 3,368 | 3,525 | -4.5% | 0 | 0 | 3,368 | 3,525 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 1,851 | 1,948 | -5.0% | 1,153 | 1,239 | 694 | 706 | 4 | 3 | 0 | 0 |
| Middle Atlantic | 1,079 | 2,497 | -57.0% | 0 | 0 | 1 | 1,409 | 0 | 0 | 1,078 | 1,088 |
| New Jersey | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 345 | 1,724 | -80.0% | 0 | 0 | 0 | 1,408 | 0 | 0 | 345 | 317 |
| Pennsylvania | 734 | 773 | -5.0% | 0 | 0 | 1 | 1 | 0 | 0 | 733 | 772 |
| East North Central | 7,480 | 8,037 | -6.9% | 1,658 | 2,050 | 3,766 | 3,948 | 0 | 0 | 2,056 | 2,039 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 5,046 | 5,096 | -1.0% | 0 | 0 | 3,749 | 3,925 | 0 | 0 | 1,297 | 1,171 |
| Ohio | 247 | 362 | -32.0% | 0 | 0 | 17 | 23 | 0 | 0 | 230 | 338 |
| Wisconsin | 2,187 | 2,580 | -15.0% | 1,658 | 2,050 | 0 | 0 | 0 | 0 | 529 | 529 |
| West North Central | 2,100 | 2,017 | 4.1% | NM | NM | 503 | 482 | 197 | 209 | 1,359 | 1,275 |
| Iowa | 22 | 22 | -2.1% | 0 | 0 | 0 | 0 | 22 | 22 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1,885 | 1,825 | 3.3% | NM | NM | 503 | 482 | 86 | 118 | 1,255 | 1,173 |
| Missouri | 89 | 68 | 30.0% | 0 | 0 | 0 | 0 | 89 | 68 | 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 | 104 | 102 | 1.6% | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 102 |
| South Atlantic | 44,771 | 46,334 | -3.4% | 7,891 | 7,730 | 14,515 | 15,394 | 0 | 37 | 22,365 | 23,174 |
| 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 | 4,429 | 4,632 | -4.4% | 2,010 | 1,684 | 0 | 0 | 0 | 0 | 2,419 | 2,948 |
| Georgia | 18,760 | 18,801 | -0.2% | 0 | 0 | 9,067 | 9,205 | 0 | 0 | 9,693 | 9,596 |
| Maryland | 0 | 37 | -100.0% | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 |
| North Carolina | 3,402 | 3,860 | -12.0% | 0 | 0 | 1,338 | 1,603 | 0 | 0 | 2,064 | 2,257 |
| South Carolina | 6,150 | 6,445 | -4.6% | 0 | 0 | 2,284 | 2,726 | 0 | 0 | 3,866 | 3,719 |
| Virginia | 12,029 | 12,560 | -4.2% | 5,881 | 6,046 | 1,826 | 1,861 | 0 | 0 | 4,322 | 4,654 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 12,643 | 12,604 | 0.3% | 0 | 0 | 0 | 0 | 0 | 0 | 12,643 | 12,604 |
| Alabama | 8,831 | 8,744 | 1.0% | 0 | 0 | 0 | 0 | 0 | 0 | 8,831 | 8,744 |
| Kentucky | 675 | 634 | 6.6% | 0 | 0 | 0 | 0 | 0 | 0 | 675 | 634 |
| Mississippi | 2,383 | 2,528 | -5.7% | 0 | 0 | 0 | 0 | 0 | 0 | 2,383 | 2,528 |
| Tennessee | 753 | 699 | 7.8% | 0 | 0 | 0 | 0 | 0 | 0 | 753 | 699 |
| West South Central | 9,409 | 9,014 | 4.4% | 915 | 687 | 0 | 0 | 0 | 0 | 8,494 | 8,327 |
| Arkansas | 1,660 | 1,490 | 11.0% | 0 | 0 | 0 | 0 | 0 | 0 | 1,660 | 1,490 |
| Louisiana | 4,588 | 4,602 | -0.3% | 0 | 0 | 0 | 0 | 0 | 0 | 4,588 | 4,602 |
| Oklahoma | 665 | 661 | 0.5% | 0 | 0 | 0 | 0 | 0 | 0 | 665 | 661 |
| Texas | 2,497 | 2,261 | 10.0% | 915 | 687 | 0 | 0 | 0 | 0 | 1,582 | 1,574 |
| Mountain | 1,862 | 2,095 | -11.0% | 0 | 0 | 1,192 | 1,398 | 0 | 0 | 670 | 698 |
| Arizona | 964 | 982 | -1.8% | 0 | 0 | 964 | 982 | 0 | 0 | 0 | 0 |
| Colorado | 209 | 373 | -44.0% | 0 | 0 | 209 | 373 | 0 | 0 | 0 | 0 |
| Idaho | 636 | 650 | -2.1% | 0 | 0 | 19 | 43 | 0 | 0 | 617 | 607 |
| Montana | 52 | 90 | -42.0% | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 90 |
| 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 | 20,571 | 22,174 | -7.2% | 1,481 | 1,508 | 11,252 | 11,976 | 0 | 0 | 7,837 | 8,690 |
| California | 14,120 | 14,752 | -4.3% | 0 | 0 | 10,154 | 10,859 | 0 | 0 | 3,966 | 3,893 |
| Oregon | 2,935 | 2,829 | 3.7% | 0 | 0 | 1,098 | 1,117 | 0 | 0 | 1,837 | 1,712 |
| Washington | 3,516 | 4,593 | -23.0% | 1,481 | 1,508 | 0 | 0 | 0 | 0 | 2,034 | 3,086 |
| Pacific Noncontiguous | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | NM | NM | NM | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 |
| U.S. Total | 110,706 | 116,160 | -4.7% | 13,139 | 13,265 | 39,681 | 43,400 | 201 | 248 | 57,685 | 59,246 |

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

# Chapter 3

# Fossil-Fuel Stocks for Electricity Generation

## Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2014 - May 2024

| | 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 | | | | | | | | | |
| 2014 | 151,548 | 32,322 | 827 | 116,684 | 21,304 | 686 | 34,864 | 11,018 | 142 |
| 2015 | 195,548 | 31,694 | 1,340 | 153,226 | 20,253 | 1,163 | 42,322 | 11,441 | 177 |
| 2016 | 162,009 | 30,593 | 845 | 130,885 | 19,767 | 603 | 31,124 | 10,827 | 241 |
| 2017 | 137,687 | 28,089 | 864 | 114,782 | 19,047 | 692 | 22,905 | 9,041 | 171 |
| 2018 | 102,793 | 25,977 | 539 | 84,728 | 16,553 | 521 | 18,065 | 9,423 | 19 |
| 2019 | 128,102 | 25,960 | 471 | 104,265 | 16,435 | 428 | 23,837 | 9,525 | 43 |
| 2020 | 131,431 | 26,063 | 298 | 107,965 | 15,941 | 273 | 23,466 | 10,123 | 25 |
| 2021 | 91,884 | 26,002 | 302 | 75,231 | 15,634 | 290 | 16,653 | 10,368 | 12 |
| 2022 | 88,861 | 22,812 | 318 | 74,917 | 14,204 | 297 | 13,943 | 8,608 | 21 |
| 2023 | 131,426 | 22,812 | 428 | 109,954 | 14,148 | 421 | 21,472 | 8,664 | 7 |
| Year 2022, End of Month Stocks | | | | | | | | | |
| January | 84,541 | 24,166 | 336 | 70,468 | 14,938 | 324 | 14,073 | 9,228 | 12 |
| February | 81,034 | 24,252 | 299 | 68,800 | 15,159 | 287 | 12,234 | 9,092 | 12 |
| March | 86,143 | 23,755 | 350 | 73,271 | 15,156 | 340 | 12,872 | 8,599 | 10 |
| April | 90,746 | 23,758 | 424 | 76,913 | 15,311 | 416 | 13,833 | 8,446 | 8 |
| May | 92,692 | 24,025 | 454 | 78,852 | 15,053 | 425 | 13,840 | 8,972 | 29 |
| June | 86,869 | 24,078 | 423 | 73,119 | 15,309 | 408 | 13,750 | 8,769 | 16 |
| July | 79,172 | 25,707 | 474 | 66,434 | 15,384 | 459 | 12,738 | 10,323 | 15 |
| August | 75,570 | 22,794 | 490 | 64,278 | 14,882 | 479 | 11,292 | 7,912 | 11 |
| Sept | 79,354 | 22,484 | 405 | 67,442 | 14,704 | 397 | 11,912 | 7,780 | 8 |
| October | 87,342 | 22,771 | 351 | 73,276 | 14,779 | 344 | 14,066 | 7,992 | 7 |
| November | 93,203 | 23,678 | 408 | 78,597 | 14,925 | 393 | 14,605 | 8,753 | 15 |
| December | 88,861 | 22,812 | 318 | 74,917 | 14,204 | 297 | 13,943 | 8,608 | 21 |
| Year 2023, End of Month Stocks | | | | | | | | | |
| January | 92,604 | 24,053 | 374 | 77,001 | 14,787 | 360 | 15,603 | 9,267 | 14 |
| February | 99,700 | 24,296 | 368 | 82,181 | 14,931 | 356 | 17,519 | 9,365 | 12 |
| March | 109,004 | 23,593 | 513 | 89,846 | 14,802 | 505 | 19,158 | 8,791 | 8 |
| April | 118,035 | 23,545 | 607 | 97,176 | 14,765 | 598 | 20,859 | 8,780 | 9 |
| May | 126,414 | 23,326 | 600 | 104,282 | 14,590 | 592 | 22,132 | 8,735 | 9 |
| June | 127,710 | 23,556 | 533 | 104,960 | 14,752 | 525 | 22,749 | 8,804 | 8 |
| July | 121,590 | 23,574 | 441 | 100,325 | 14,827 | 435 | 21,265 | 8,747 | 6 |
| August | 118,144 | 22,904 | 356 | 98,068 | 14,429 | 348 | 20,076 | 8,475 | 8 |
| Sept | 116,635 | 22,876 | 279 | 96,684 | 14,473 | 273 | 19,951 | 8,403 | 6 |
| October | 121,621 | 22,737 | 284 | 101,093 | 14,306 | 279 | 20,527 | 8,431 | 5 |
| November | 131,266 | 22,749 | 362 | 109,892 | 14,153 | 357 | 21,374 | 8,596 | 5 |
| December | 131,426 | 22,812 | 428 | 109,954 | 14,148 | 421 | 21,472 | 8,664 | 7 |
| Year 2024, End of Month Stocks | | | | | | | | | |
| January | 121,722 | 22,238 | 312 | 102,168 | 13,676 | 306 | 19,554 | 8,563 | 6 |
| February | 127,107 | 22,410 | 309 | 105,995 | 13,703 | 301 | 21,112 | 8,706 | 8 |
| March | 133,607 | 22,320 | 333 | 110,604 | 13,696 | 328 | 23,004 | 8,623 | 5 |
| April | 136,940 | 22,224 | 309 | 113,232 | 13,724 | 302 | 23,708 | 8,501 | 7 |
| May | 137,759 | 22,110 | 313 | 114,349 | 13,552 | 307 | 23,410 | 8,558 | 6 |

Notes: See Glossary for definitions. Values for 2022 and prior years are final. Values for 2023 and 2024 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, May 2024 and 2023

| Census Division and State | Coal (Thousand Tons) | | | Petroleum Liquids (Thousand Barrels) | | | Petroleum Coke (Thousand Tons) | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | Percentage Change |
| New England | W | W | W | 2,536 | 2,352 | 7.8% | 0 | 0 | -- |
| Connecticut | 0 | 0 | -- | 1,032 | 911 | 13.3% | 0 | 0 | -- |
| Maine | 0 | 0 | -- | 262 | 265 | -1.0% | 0 | 0 | -- |
| Massachusetts | 0 | 0 | -- | 889 | 903 | -1.5% | 0 | 0 | -- |
| New Hampshire | W | W | W | 204 | 140 | 45.6% | 0 | 0 | -- |
| Rhode Island | 0 | 0 | -- | 122 | 105 | 16.0% | 0 | 0 | -- |
| Vermont | 0 | 0 | -- | 26 | 28 | -5.4% | 0 | 0 | -- |
| Middle Atlantic | 2,294 | 2,683 | -14.5% | 4,694 | 4,286 | 9.5% | 0 | 0 | -- |
| New Jersey | 0 | 0 | -- | 415 | 434 | -4.4% | 0 | 0 | -- |
| New York | 0 | 0 | -- | 3,191 | 2,696 | 18.4% | 0 | 0 | -- |
| Pennsylvania | 2,294 | 2,683 | -14.5% | 1,087 | 1,156 | -5.9% | 0 | 0 | -- |
| East North Central | 27,095 | 25,112 | 7.9% | 827 | 1,800 | -54.1% | W | W | W |
| Illinois | 6,163 | 4,843 | 27.3% | 69 | 62 | 12.2% | 0 | 0 | -- |
| Indiana | 8,990 | 9,493 | -5.3% | 104 | 479 | -78.3% | 0 | 0 | -- |
| Michigan | 4,480 | 3,740 | 19.8% | 184 | 192 | -3.9% | W | W | W |
| Ohio | 3,877 | 3,476 | 11.6% | 293 | 335 | -12.6% | 0 | 0 | -- |
| Wisconsin | 3,585 | 3,561 | 0.7% | 177 | 733 | -75.9% | W | W | W |
| West North Central | 28,366 | 25,205 | 12.5% | 893 | 960 | -6.9% | 0 | 0 | -- |
| Iowa | 6,097 | 5,011 | 21.7% | 65 | 86 | -25.1% | 0 | 0 | -- |
| Kansas | 5,596 | 4,566 | 22.6% | 245 | 220 | 11.3% | 0 | 0 | -- |
| Minnesota | 3,238 | 3,124 | 3.6% | 74 | 101 | -26.3% | 0 | 0 | -- |
| Missouri | 7,570 | 7,223 | 4.8% | 358 | 380 | -5.8% | 0 | 0 | -- |
| Nebraska | 3,886 | 3,270 | 18.8% | 58 | 79 | -26.4% | 0 | 0 | -- |
| North Dakota | W | W | W | 28 | 37 | -25.2% | 0 | 0 | -- |
| South Dakota | W | W | W | 66 | 56 | 16.0% | 0 | 0 | -- |
| South Atlantic | 20,380 | 19,102 | 6.7% | 8,572 | 9,037 | -5.1% | W | W | W |
| Delaware | W | W | W | 404 | 406 | -0.5% | 0 | 0 | -- |
| District of Columbia | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Florida | 2,334 | 2,117 | 10.2% | 3,665 | 3,828 | -4.2% | W | W | W |
| Georgia | W | W | W | 1,226 | 1,190 | 3.0% | 0 | 0 | -- |
| Maryland | W | 858 | W | 554 | 594 | -6.7% | 0 | 0 | -- |
| North Carolina | 3,936 | 4,294 | -8.3% | 946 | 1,043 | -9.3% | 0 | 0 | -- |
| South Carolina | 3,082 | 2,571 | 19.9% | 481 | 531 | -9.4% | 0 | 0 | -- |
| Virginia | W | W | W | 1,159 | 1,318 | -12.0% | 0 | 0 | -- |
| West Virginia | 5,029 | 4,427 | 13.6% | 136 | 126 | 8.2% | W | W | W |
| East South Central | 13,738 | 12,886 | 6.6% | 968 | 1,001 | -3.3% | 0 | 0 | -- |
| Alabama | 4,057 | 3,200 | 26.8% | 254 | 257 | -1.3% | 0 | 0 | -- |
| Kentucky | 6,836 | 7,244 | -5.6% | 238 | 257 | -7.2% | 0 | 0 | -- |
| Mississippi | W | W | W | NM | NM | NM | 0 | 0 | -- |
| Tennessee | W | W | W | 470 | 485 | -3.2% | 0 | 0 | -- |
| West South Central | 27,963 | 26,318 | 6.3% | 1,797 | 2,036 | -11.7% | W | W | W |
| Arkansas | 4,896 | 5,008 | -2.2% | 154 | 161 | -4.4% | 0 | 0 | -- |
| Louisiana | 3,898 | 3,641 | 7.1% | 191 | 197 | -3.0% | W | W | W |
| Oklahoma | 4,681 | 3,840 | 21.9% | 19 | 31 | -36.8% | 0 | 0 | -- |
| Texas | 14,487 | 13,829 | 4.8% | 1,432 | 1,646 | -13.0% | 0 | 0 | -- |
| Mountain | W | W | W | 310 | 335 | -7.3% | W | W | W |
| Arizona | 3,900 | 3,715 | 5.0% | 139 | 124 | 12.1% | 0 | 0 | -- |
| Colorado | W | W | W | 96 | 115 | -16.4% | 0 | 0 | -- |
| Idaho | 0 | 0 | -- | 0 | 0 | -24.4% | 0 | 0 | -- |
| Montana | W | W | W | 13 | 13 | -3.7% | W | W | W |
| Nevada | W | W | W | 1 | 3 | -49.3% | 0 | 0 | -- |
| New Mexico | 0 | 0 | -- | NM | 5 | NM | 0 | 0 | -- |
| Utah | 4,001 | 3,056 | 30.9% | 26 | 44 | -40.0% | 0 | 0 | -- |
| Wyoming | 4,195 | 3,194 | 31.3% | 33 | 31 | 5.2% | 0 | 0 | -- |
| Pacific Contiguous | W | W | W | 314 | 350 | -10.4% | 0 | 0 | -- |
| California | 0 | 0 | -- | 159 | 181 | -12.4% | 0 | 0 | -- |
| Oregon | 0 | 0 | -- | 46 | 61 | -23.6% | 0 | 0 | -- |
| Washington | W | W | W | 109 | 108 | 0.5% | 0 | 0 | -- |
| Pacific Noncontiguous | 0 | 0 | -- | 1,200 | 1,170 | 2.5% | 0 | 0 | -- |
| Alaska | 0 | 0 | -- | 5 | 24 | -77.8% | 0 | 0 | -- |
| Hawaii | 0 | 0 | -- | 1,194 | 1,146 | 4.2% | 0 | 0 | -- |
| U.S. Total | 137,759 | 126,414 | 9.0% | 22,110 | 23,326 | -5.2% | 313 | 600 | -47.9% |

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

## Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Divison, May 2024 and 2023

| | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| **Census Division** | **May 2024** | **May 2023** | **Percentage Change** | **May 2024** | **May 2023** | **May 2024** | **May 2023** |
| **Coal (Thousand Tons)** | | | | | | | |
| New England | W | W | W | 0 | 0 | W | W |
| Middle Atlantic | 2,294 | 2,683 | -14.5% | W | W | W | W |
| East North Central | 27,095 | 25,112 | 7.9% | 18,038 | 17,399 | 9,057 | 7,713 |
| West North Central | 28,366 | 25,205 | 12.5% | 28,366 | 25,205 | 0 | 0 |
| South Atlantic | 20,380 | 19,102 | 6.7% | 19,251 | W | 1,129 | W |
| East South Central | 13,738 | 12,886 | 6.6% | 13,738 | 12,886 | 0 | 0 |
| West South Central | 27,963 | 26,318 | 6.3% | 18,581 | 17,935 | 9,382 | 8,383 |
| Mountain | W | W | W | W | W | W | W |
| Pacific Contiguous | W | W | W | 0 | 0 | W | W |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| **U.S. Total** | **137,759** | **126,414** | **9.0%** | **114,349** | **104,282** | **23,410** | **22,132** |
| **Petroleum Liquids (Thousand Barrels)** | | | | | | | |
| New England | 2,536 | 2,352 | 7.8% | 228 | 162 | 2,308 | 2,190 |
| Middle Atlantic | 4,694 | 4,286 | 9.5% | 1,925 | 1,711 | 2,768 | 2,575 |
| East North Central | 827 | 1,800 | -54.1% | 585 | 1,184 | 242 | 616 |
| West North Central | 893 | 960 | -6.9% | 867 | 933 | 26 | 26 |
| South Atlantic | 8,572 | 9,037 | -5.1% | 6,651 | 7,053 | 1,921 | 1,984 |
| East South Central | 968 | 1,001 | -3.3% | 930 | 962 | 38 | 39 |
| West South Central | 1,797 | 2,036 | -11.7% | 686 | 882 | 1,112 | 1,154 |
| Mountain | 310 | 335 | -7.3% | 284 | 309 | 26 | 26 |
| Pacific Contiguous | 314 | 350 | -10.4% | 233 | 261 | 81 | 89 |
| Pacific Noncontiguous | 1,200 | 1,170 | 2.5% | 1,164 | 1,135 | 35 | 36 |
| **U.S. Total** | **22,110** | **23,326** | **-5.2%** | **13,552** | **14,590** | **8,558** | **8,735** |
| **Petroleum Coke (Thousand Tons)** | | | | | | | |
| New England | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| Middle Atlantic | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| East North Central | W | W | W | W | W | 0 | 0 |
| West North Central | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| South Atlantic | W | W | W | W | W | W | W |
| East South Central | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| West South Central | W | W | W | W | W | 0 | 0 |
| Mountain | W | W | W | 0 | 0 | W | W |
| Pacific Contiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| **U.S. Total** | **313** | **600** | **-47.9%** | **307** | **592** | **6** | **9** |

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

## Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector, 2014 - May 2024
## (Thousand Tons)

| | Electric Power Sector | | | |
|---|---|---|---|---|
| Period | Bituminous Coal | Subbituminous Coal | Lignite Coal | Total |
| End of Year Stocks | | | | |
| 2014 | 72,771 | 72,552 | 6,225 | 151,548 |
| 2015 | 82,004 | 108,614 | 4,931 | 195,548 |
| 2016 | 67,241 | 90,376 | 4,393 | 162,009 |
| 2017 | 56,140 | 77,875 | 3,672 | 137,687 |
| 2018 | 41,507 | 58,247 | 3,039 | 102,793 |
| 2019 | 54,769 | 69,942 | 3,124 | 128,102 |
| 2020 | 50,649 | 77,033 | 3,556 | 131,431 |
| 2021 | 34,560 | 54,726 | 2,598 | 91,884 |
| 2022 | 35,194 | 50,704 | 2,956 | 88,861 |
| 2023 | 44,522 | 83,240 | 3,437 | 131,426 |
| Year 2022, End of Month Stocks | | | | |
| January | 30,697 | 51,157 | 2,686 | 84,541 |
| February | 29,288 | 49,029 | 2,717 | 81,034 |
| March | 31,687 | 51,304 | 3,152 | 86,143 |
| April | 33,868 | 53,609 | 3,269 | 90,746 |
| May | 33,202 | 56,289 | 3,191 | 92,692 |
| June | 30,392 | 53,338 | 3,129 | 86,869 |
| July | 28,769 | 47,358 | 3,040 | 79,172 |
| August | 28,730 | 44,005 | 2,826 | 75,570 |
| Sept | 30,766 | 45,802 | 2,776 | 79,354 |
| October | 34,061 | 50,366 | 2,905 | 87,342 |
| November | 35,998 | 54,329 | 2,867 | 93,203 |
| December | 35,194 | 50,704 | 2,956 | 88,861 |
| Year 2023, End of Month Stocks | | | | |
| January | 37,881 | 51,702 | 3,014 | 92,604 |
| February | 40,038 | 56,636 | 3,022 | 99,700 |
| March | 41,609 | 64,400 | 2,990 | 109,004 |
| April | 41,713 | 72,777 | 3,330 | 118,035 |
| May | 44,954 | 77,744 | 3,499 | 126,414 |
| June | 46,150 | 77,739 | 3,600 | 127,710 |
| July | 42,674 | 75,197 | 3,497 | 121,590 |
| August | 42,328 | 72,179 | 3,423 | 118,144 |
| Sept | 41,001 | 72,171 | 3,246 | 116,635 |
| October | 43,240 | 74,979 | 3,183 | 121,621 |
| November | 47,009 | 80,638 | 3,391 | 131,266 |
| December | 44,522 | 83,240 | 3,437 | 131,426 |
| Year 2024, End of Month Stocks | | | | |
| January | 40,861 | 77,407 | 3,218 | 121,722 |
| February | 42,660 | 81,091 | 3,122 | 127,107 |
| March | 45,406 | 84,734 | 3,230 | 133,607 |
| April | 46,718 | 86,603 | 3,385 | 136,940 |
| May | 47,228 | 86,984 | 3,309 | 137,759 |

Notes: See Glossary for definitions.
Values for 2022 and prior years are final. Values for 2023 and 2024 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.

# Chapter 4

# Receipts and Cost of Fossil Fuels

## Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2014 - May 2024

| | 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 | | | | | | | | | | | | |
| 2014 | 16,594,722 | 854,560 | 2.37 | 45.96 | 1.32 | 98.0 | 172,421 | 28,514 | 19.87 | 120.26 | 0.46 | 82.3 |
| 2015 | 15,086,208 | 782,929 | 2.22 | 42.86 | 1.29 | 103.5 | 147,647 | 24,320 | 11.49 | 69.79 | 0.48 | 75.8 |
| 2016 | 12,516,272 | 650,770 | 2.11 | 40.64 | 1.34 | 93.8 | 101,810 | 16,807 | 9.39 | 56.89 | 0.49 | 68.1 |
| 2017 | 12,261,029 | 642,364 | 2.06 | 39.27 | 1.28 | 94.7 | 96,977 | 16,127 | 11.86 | 71.35 | 0.49 | 68.0 |
| 2018 | 11,371,117 | 596,215 | 2.06 | 39.25 | 1.31 | 91.7 | 134,069 | 22,290 | 14.42 | 86.80 | 0.42 | 71.4 |
| 2019 | 10,745,991 | 560,153 | 2.02 | 38.70 | 1.31 | 101.8 | 88,662 | 14,711 | 13.62 | 82.12 | 0.49 | 64.0 |
| 2020 | 8,329,180 | 439,636 | 1.92 | 36.36 | 1.28 | 98.6 | 77,184 | 12,864 | 9.76 | 58.55 | 0.49 | 65.2 |
| 2021 | 8,753,931 | 461,477 | 1.98 | 37.48 | 1.30 | 90.2 | 97,464 | 16,302 | 14.71 | 87.98 | 0.50 | 68.8 |
| 2022 | 8,876,242 | 469,718 | 2.36 | 44.69 | 1.28 | 97.3 | 116,941 | 19,362 | 23.81 | 143.90 | 0.46 | 58.8 |
| 2023 | 8,041,287 | 426,470 | 2.52 | 47.52 | 1.23 | 107.6 | 101,803 | 16,746 | 20.12 | 122.43 | 0.46 | 69.7 |
| Year 2022 | | | | | | | | | | | | |
| January | 748,490 | 40,043 | 2.20 | 41.14 | 1.21 | 80.5 | 15,788 | 2,634 | 17.75 | 106.45 | 0.44 | 46.7 |
| February | 681,147 | 36,139 | 2.17 | 40.91 | 1.18 | 88.4 | 11,156 | 1,843 | 18.43 | 111.66 | 0.45 | 80.0 |
| March | 742,161 | 38,990 | 2.15 | 40.98 | 1.29 | 110.2 | 7,340 | 1,213 | 22.37 | 135.30 | 0.50 | 58.7 |
| April | 672,360 | 35,230 | 2.18 | 41.64 | 1.35 | 110.8 | 7,294 | 1,200 | 26.32 | 160.05 | 0.50 | 68.9 |
| May | 735,568 | 38,856 | 2.23 | 42.27 | 1.33 | 107.6 | 5,935 | 981 | 27.93 | 168.98 | 0.49 | 51.7 |
| June | 719,549 | 38,159 | 2.32 | 43.68 | 1.31 | 89.5 | 8,884 | 1,465 | 28.80 | 174.88 | 0.48 | 71.5 |
| July | 758,950 | 40,292 | 2.47 | 46.53 | 1.32 | 80.0 | 8,652 | 1,433 | 29.11 | 175.78 | 0.50 | 60.2 |
| August | 827,629 | 43,801 | 2.51 | 47.38 | 1.29 | 88.8 | 8,178 | 1,354 | 26.26 | 158.61 | 0.50 | 63.3 |
| Sept | 786,290 | 41,593 | 2.51 | 47.42 | 1.29 | 108.9 | 8,245 | 1,356 | 24.33 | 147.96 | 0.47 | 66.5 |
| October | 776,764 | 41,185 | 2.46 | 46.42 | 1.28 | 127.2 | 9,342 | 1,536 | 23.53 | 143.20 | 0.45 | 72.1 |
| November | 717,670 | 38,063 | 2.48 | 46.73 | 1.22 | 114.3 | 9,890 | 1,643 | 26.21 | 157.82 | 0.44 | 81.7 |
| December | 709,662 | 37,366 | 2.65 | 50.25 | 1.32 | 87.4 | 16,237 | 2,704 | 21.53 | 129.24 | 0.41 | 41.4 |
| Year 2023 | | | | | | | | | | | | |
| January | 723,669 | 38,041 | 2.60 | 49.40 | 1.26 | 104.5 | 13,452 | 2,237 | 21.84 | 131.41 | 0.48 | 102.8 |
| February | 637,812 | 33,783 | 2.60 | 49.04 | 1.27 | 122.0 | 9,911 | 1,631 | 20.13 | 122.48 | 0.46 | 71.2 |
| March | 710,779 | 37,677 | 2.51 | 47.30 | 1.26 | 127.9 | 7,305 | 1,200 | 20.48 | 124.66 | 0.52 | 58.2 |
| April | 631,282 | 33,546 | 2.48 | 46.67 | 1.24 | 142.1 | 6,987 | 1,142 | 19.36 | 118.44 | 0.48 | 61.6 |
| May | 636,634 | 33,557 | 2.52 | 47.77 | 1.24 | 127.3 | 7,463 | 1,228 | 18.78 | 114.11 | 0.49 | 63.9 |
| June | 645,337 | 34,165 | 2.47 | 46.71 | 1.23 | 99.8 | 7,391 | 1,214 | 17.66 | 107.49 | 0.48 | 66.4 |
| July | 697,637 | 37,298 | 2.49 | 46.50 | 1.19 | 82.4 | 8,601 | 1,397 | 17.39 | 107.07 | 0.43 | 73.7 |
| August | 734,722 | 38,969 | 2.50 | 47.17 | 1.21 | 87.3 | 7,104 | 1,167 | 19.95 | 121.91 | 0.43 | 59.1 |
| Sept | 656,950 | 34,791 | 2.54 | 47.93 | 1.18 | 99.5 | 7,606 | 1,241 | 22.58 | 138.51 | 0.42 | 66.5 |
| October | 647,912 | 34,359 | 2.54 | 47.88 | 1.22 | 113.1 | 7,130 | 1,166 | 22.12 | 135.32 | 0.41 | 59.1 |
| November | 663,778 | 35,400 | 2.52 | 47.23 | 1.22 | 116.5 | 8,048 | 1,329 | 21.06 | 127.59 | 0.44 | 66.8 |
| December | 654,774 | 34,884 | 2.49 | 46.67 | 1.25 | 106.4 | 10,804 | 1,794 | 19.42 | 117.14 | 0.44 | 82.4 |
| Year 2024 | | | | | | | | | | | | |
| January | 600,991 | 32,169 | 2.49 | 46.48 | 1.22 | 74.2 | 10,076 | 1,669 | 18.91 | 114.13 | 0.46 | 50.7 |
| February | 566,897 | 30,314 | 2.49 | 46.63 | 1.20 | 113.6 | 6,341 | 1,042 | 19.55 | 118.95 | 0.47 | 61.4 |
| March | 535,574 | 28,041 | 2.51 | 47.91 | 1.32 | 121.2 | 6,020 | 982 | 19.92 | 122.15 | 0.47 | 55.7 |
| April | 469,122 | 24,509 | 2.54 | 48.70 | 1.35 | 111.7 | 6,239 | 1,020 | 19.63 | 120.08 | 0.46 | 55.0 |
| May | 515,851 | 26,820 | 2.57 | 49.47 | 1.37 | 98.8 | 6,495 | 1,070 | 19.01 | 115.39 | 0.41 | 54.4 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 3,579,727 | 189,258 | 2.19 | 41.39 | 1.27 | 97.6 | 47,513 | 7,871 | 21.51 | 129.91 | 0.47 | 57.6 |
| 2023 | 3,340,176 | 176,605 | 2.54 | 48.05 | 1.26 | 123.0 | 45,119 | 7,438 | 20.35 | 123.47 | 0.49 | 72.2 |
| 2024 | 2,688,436 | 141,853 | 2.52 | 47.74 | 1.29 | 99.7 | 35,171 | 5,783 | 19.34 | 117.64 | 0.46 | 54.7 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 8,636,691 | 457,064 | 2.51 | 47.35 | 1.28 | 105.7 | 114,546 | 18,929 | 23.31 | 141.10 | 0.47 | 64.0 |
| 2024 | 7,389,547 | 391,718 | 2.51 | 47.36 | 1.24 | 99.2 | 91,855 | 15,091 | 19.72 | 120.07 | 0.44 | 62.2 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.
PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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), 2014 - May 2024 (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 | | | | | | | | | | | | |
| 2014 | 147,310 | 5,195 | 1.98 | 56.23 | 5.56 | 91.2 | 8,679,286 | 8,431,423 | 5.00 | 5.14 | 89.6 | 3.31 |
| 2015 | 138,668 | 4,897 | 1.84 | 52.11 | 5.25 | 94.4 | 10,173,502 | 9,842,581 | 3.23 | 3.34 | 89.9 | 2.65 |
| 2016 | 116,942 | 4,166 | 1.65 | 46.30 | 5.40 | 77.9 | 10,619,105 | 10,271,180 | 2.87 | 2.97 | 90.7 | 2.47 |
| 2017 | 92,837 | 3,309 | 2.13 | 59.90 | 5.56 | 74.1 | 9,951,815 | 9,628,733 | 3.37 | 3.49 | 90.2 | 2.65 |
| 2018 | 85,122 | 3,010 | 2.54 | 71.76 | 5.74 | 66.1 | 11,253,502 | 10,894,849 | 3.55 | 3.67 | 90.4 | 2.83 |
| 2019 | 56,294 | 1,969 | 1.91 | 54.59 | 5.51 | 55.3 | 12,104,890 | 11,704,743 | 2.88 | 2.98 | 91.4 | 2.50 |
| 2020 | 67,842 | 2,396 | 1.70 | 48.03 | 5.41 | 62.1 | 12,380,902 | 11,981,552 | 2.40 | 2.48 | 90.6 | 2.22 |
| 2021 | 64,891 | 2,296 | 3.16 | 89.27 | 5.24 | 60.0 | 11,966,785 | 11,578,254 | 5.20 | 5.38 | 91.0 | 3.82 |
| 2022 | 64,689 | 2,286 | 4.35 | 122.99 | 5.52 | 61.8 | 12,840,250 | 12,436,074 | 7.21 | 7.45 | 91.5 | 5.22 |
| 2023 | 40,716 | 1,450 | 4.05 | 113.73 | 5.61 | 58.5 | 12,532,201 | 12,143,774 | 3.36 | 3.47 | 84.1 | 3.11 |
| Year 2022 | | | | | | | | | | | | |
| January | 5,343 | 189 | 4.32 | 122.16 | 5.11 | 64.0 | 1,021,396 | 988,075 | 6.56 | 6.78 | 91.1 | 4.74 |
| February | 4,050 | 141 | 4.24 | 121.53 | 5.80 | 44.9 | 857,192 | 829,722 | 6.00 | 6.20 | 90.0 | 4.32 |
| March | 5,791 | 205 | 4.84 | 136.40 | 5.31 | 74.6 | 839,836 | 814,025 | 5.10 | 5.26 | 90.2 | 3.75 |
| April | 6,637 | 235 | 4.80 | 135.31 | 5.57 | 83.6 | 807,698 | 783,189 | 6.21 | 6.41 | 91.0 | 4.40 |
| May | 5,992 | 212 | 4.97 | 140.62 | 5.48 | 67.1 | 990,628 | 960,839 | 7.57 | 7.80 | 92.1 | 5.25 |
| June | 4,887 | 173 | 4.50 | 126.93 | 5.51 | 52.0 | 1,204,672 | 1,168,959 | 8.01 | 8.26 | 92.3 | 5.86 |
| July | 5,781 | 205 | 4.65 | 131.34 | 5.54 | 75.9 | 1,466,772 | 1,422,545 | 7.53 | 7.76 | 92.5 | 5.78 |
| August | 6,465 | 228 | 5.02 | 142.06 | 5.62 | 73.6 | 1,443,158 | 1,397,570 | 9.00 | 9.30 | 92.3 | 6.54 |
| Sept | 3,818 | 134 | 2.32 | 66.08 | 5.74 | 40.7 | 1,184,368 | 1,145,493 | 8.15 | 8.42 | 91.9 | 5.81 |
| October | 4,142 | 147 | 3.37 | 94.92 | 5.75 | 45.3 | 1,005,835 | 973,705 | 5.80 | 5.99 | 91.3 | 4.37 |
| November | 6,485 | 229 | 3.84 | 108.96 | 5.53 | 76.8 | 959,373 | 929,074 | 5.71 | 5.89 | 90.5 | 4.38 |
| December | 5,298 | 187 | 4.19 | 118.73 | 5.50 | 52.7 | 1,059,322 | 1,022,878 | 8.92 | 9.24 | 91.3 | 6.38 |
| Year 2023 | | | | | | | | | | | | |
| January | 4,871 | 176 | 4.54 | 126.02 | 5.67 | 85.4 | 971,828 | 939,064 | 7.07 | 7.32 | 85.3 | 5.19 |
| February | 3,886 | 136 | 4.80 | 136.95 | 5.62 | 74.2 | 866,448 | 839,005 | 4.39 | 4.53 | 84.7 | 3.71 |
| March | 4,905 | 172 | 4.66 | 132.76 | 5.71 | 99.5 | 918,899 | 890,394 | 3.35 | 3.46 | 83.8 | 3.05 |
| April | 4,768 | 168 | 4.70 | 133.61 | 5.72 | 106.9 | 848,578 | 822,855 | 2.69 | 2.78 | 83.8 | 2.69 |
| May | 1,985 | 72 | 3.14 | 86.86 | 5.76 | 41.4 | 969,622 | 940,736 | 2.54 | 2.62 | 84.4 | 2.61 |
| June | 1,853 | 66 | 3.48 | 98.25 | 5.77 | 33.2 | 1,118,676 | 1,084,790 | 2.58 | 2.66 | 83.4 | 2.60 |
| July | 2,787 | 100 | 3.62 | 101.16 | 5.45 | 32.6 | 1,365,367 | 1,322,828 | 2.97 | 3.06 | 82.7 | 2.86 |
| August | 2,311 | 84 | 3.39 | 93.79 | 5.73 | 26.6 | 1,367,426 | 1,325,123 | 2.92 | 3.01 | 83.3 | 2.82 |
| Sept | 3,289 | 118 | 3.76 | 104.81 | 5.48 | 42.4 | 1,142,616 | 1,109,256 | 2.86 | 2.94 | 84.2 | 2.82 |
| October | 2,404 | 86 | 3.84 | 107.56 | 5.50 | 48.4 | 988,151 | 958,808 | 2.93 | 3.02 | 84.1 | 2.86 |
| November | 3,097 | 111 | 3.60 | 100.64 | 5.35 | 81.6 | 951,139 | 921,492 | 3.38 | 3.49 | 84.3 | 3.11 |
| December | 4,559 | 163 | 3.39 | 94.99 | 5.53 | 92.3 | 1,023,452 | 989,423 | 3.27 | 3.39 | 85.8 | 3.06 |
| Year 2024 | | | | | | | | | | | | |
| January | 909 | 33 | 2.65 | 73.16 | 5.53 | 17.5 | 1,108,447 | 1,070,960 | 4.80 | 4.97 | 84.0 | 4.02 |
| February | 1,385 | 50 | 2.63 | 73.05 | 5.56 | 34.8 | 910,552 | 879,903 | 2.88 | 2.98 | 84.7 | 2.80 |
| March | 1,054 | 38 | 2.63 | 73.51 | 5.49 | 38.2 | 906,805 | 877,652 | 2.18 | 2.26 | 84.3 | 2.38 |
| April | 1,078 | 38 | 2.62 | 73.50 | 5.51 | 27.1 | 850,135 | 824,464 | 2.05 | 2.11 | 82.2 | 2.32 |
| May | 2,177 | 78 | 2.86 | 80.18 | 5.46 | 47.7 | 1,002,104 | 972,787 | 2.26 | 2.33 | 83.7 | 2.45 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 27,812 | 983 | 4.67 | 132.17 | 5.44 | 66.3 | 4,516,750 | 4,375,849 | 6.34 | 6.54 | 90.9 | 4.51 |
| 2023 | 20,415 | 724 | 4.52 | 127.56 | 5.69 | 81.1 | 4,575,375 | 4,432,054 | 4.04 | 4.17 | 84.4 | 3.48 |
| 2024 | 6,603 | 237 | 2.71 | 75.55 | 5.50 | 32.2 | 4,778,042 | 4,625,766 | 2.90 | 3.00 | 83.8 | 2.84 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 57,292 | 2,027 | 4.25 | 120.17 | 5.62 | 65.1 | 12,898,875 | 12,492,279 | 6.40 | 6.61 | 89.0 | 4.85 |
| 2024 | 26,903 | 963 | 3.36 | 93.94 | 5.52 | 41.5 | 12,734,869 | 12,337,486 | 2.95 | 3.05 | 83.8 | 2.86 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024

| | 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 | | | | | | | | | | | | |
| 2014 | 12,064,810 | 614,728 | 2.39 | 46.95 | 1.21 | 98.3 | 98,357 | 16,161 | 19.90 | 121.14 | 0.44 | 82.0 |
| 2015 | 11,088,631 | 571,707 | 2.25 | 43.71 | 1.17 | 105.8 | 90,041 | 14,747 | 11.32 | 69.13 | 0.46 | 79.2 |
| 2016 | 9,256,878 | 476,207 | 2.16 | 42.01 | 1.21 | 95.4 | 73,294 | 11,985 | 9.16 | 56.02 | 0.45 | 74.0 |
| 2017 | 9,011,629 | 467,595 | 2.12 | 40.81 | 1.16 | 96.0 | 70,422 | 11,640 | 11.60 | 70.19 | 0.47 | 74.4 |
| 2018 | 8,351,036 | 435,964 | 2.11 | 40.35 | 1.18 | 91.6 | 84,050 | 13,896 | 14.39 | 87.09 | 0.37 | 75.3 |
| 2019 | 7,970,069 | 413,915 | 2.08 | 39.99 | 1.18 | 103.1 | 66,789 | 11,010 | 13.40 | 81.29 | 0.46 | 69.9 |
| 2020 | 6,256,811 | 327,488 | 1.96 | 37.49 | 1.15 | 100.2 | 56,530 | 9,371 | 9.84 | 59.37 | 0.47 | 67.1 |
| 2021 | 6,448,846 | 338,205 | 2.03 | 38.68 | 1.14 | 90.2 | 69,111 | 11,468 | 14.53 | 87.56 | 0.47 | 67.7 |
| 2022 | 6,594,794 | 346,120 | 2.41 | 45.96 | 1.15 | 98.4 | 73,400 | 12,131 | 24.43 | 147.80 | 0.48 | 65.6 |
| 2023 | 6,190,928 | 324,205 | 2.57 | 49.06 | 1.15 | 110.9 | 73,960 | 12,172 | 20.24 | 122.97 | 0.46 | 77.3 |
| Year 2022 | | | | | | | | | | | | |
| January | 546,113 | 29,056 | 2.24 | 42.12 | 1.06 | 81.3 | 6,596 | 1,103 | 17.23 | 103.03 | 0.46 | 46.9 |
| February | 500,644 | 26,344 | 2.19 | 41.69 | 1.05 | 91.5 | 6,361 | 1,045 | 18.65 | 113.52 | 0.48 | 83.4 |
| March | 537,576 | 28,123 | 2.18 | 41.71 | 1.14 | 115.4 | 5,580 | 926 | 22.53 | 135.80 | 0.49 | 70.7 |
| April | 486,354 | 25,278 | 2.24 | 43.02 | 1.17 | 113.7 | 5,684 | 934 | 26.28 | 159.85 | 0.48 | 84.8 |
| May | 552,474 | 28,904 | 2.29 | 43.87 | 1.16 | 108.7 | 4,509 | 747 | 28.14 | 169.81 | 0.48 | 58.4 |
| June | 537,295 | 28,300 | 2.35 | 44.64 | 1.14 | 88.2 | 7,089 | 1,166 | 28.58 | 173.77 | 0.48 | 90.3 |
| July | 557,748 | 29,313 | 2.47 | 47.07 | 1.18 | 76.9 | 6,739 | 1,115 | 28.96 | 175.11 | 0.48 | 80.8 |
| August | 627,619 | 32,918 | 2.53 | 48.27 | 1.19 | 90.2 | 5,736 | 947 | 26.06 | 157.81 | 0.47 | 72.6 |
| Sept | 599,306 | 31,443 | 2.60 | 49.50 | 1.17 | 110.8 | 5,857 | 966 | 24.83 | 150.60 | 0.48 | 71.8 |
| October | 579,715 | 30,502 | 2.53 | 48.08 | 1.16 | 129.7 | 6,272 | 1,028 | 23.81 | 145.25 | 0.48 | 74.8 |
| November | 542,727 | 28,448 | 2.55 | 48.63 | 1.14 | 121.1 | 5,760 | 953 | 26.15 | 158.05 | 0.46 | 70.9 |
| December | 527,223 | 27,491 | 2.69 | 51.67 | 1.22 | 86.5 | 7,217 | 1,202 | 23.01 | 138.22 | 0.48 | 38.2 |
| Year 2023 | | | | | | | | | | | | |
| January | 556,371 | 29,179 | 2.65 | 50.60 | 1.13 | 106.2 | 9,853 | 1,639 | 21.92 | 131.75 | 0.47 | 116.2 |
| February | 479,262 | 25,198 | 2.67 | 50.86 | 1.16 | 125.0 | 6,212 | 1,031 | 22.06 | 132.90 | 0.48 | 79.3 |
| March | 546,979 | 28,703 | 2.54 | 48.35 | 1.19 | 134.6 | 5,500 | 907 | 20.63 | 125.12 | 0.48 | 70.5 |
| April | 478,808 | 25,008 | 2.51 | 48.15 | 1.16 | 154.3 | 5,221 | 853 | 19.27 | 117.91 | 0.47 | 70.0 |
| May | 483,321 | 25,161 | 2.55 | 49.03 | 1.14 | 135.1 | 5,724 | 945 | 18.82 | 113.95 | 0.48 | 73.2 |
| June | 501,196 | 26,136 | 2.51 | 48.18 | 1.16 | 99.8 | 5,927 | 974 | 17.45 | 106.17 | 0.47 | 75.1 |
| July | 548,801 | 28,883 | 2.54 | 48.20 | 1.13 | 83.1 | 6,695 | 1,085 | 17.07 | 105.34 | 0.44 | 87.6 |
| August | 579,776 | 30,274 | 2.55 | 48.89 | 1.15 | 88.7 | 4,579 | 748 | 19.78 | 121.06 | 0.47 | 53.8 |
| Sept | 514,726 | 26,869 | 2.59 | 49.69 | 1.12 | 102.1 | 5,788 | 943 | 22.68 | 139.26 | 0.43 | 76.4 |
| October | 501,460 | 26,157 | 2.59 | 49.68 | 1.15 | 118.4 | 4,966 | 814 | 22.22 | 135.62 | 0.40 | 60.9 |
| November | 504,315 | 26,520 | 2.58 | 48.98 | 1.15 | 124.9 | 5,312 | 878 | 21.69 | 131.32 | 0.43 | 65.5 |
| December | 495,913 | 26,116 | 2.53 | 48.07 | 1.17 | 109.3 | 8,183 | 1,355 | 19.16 | 115.72 | 0.45 | 96.7 |
| Year 2024 | | | | | | | | | | | | |
| January | 467,676 | 24,626 | 2.54 | 48.33 | 1.17 | 75.6 | 7,439 | 1,231 | 18.89 | 114.21 | 0.45 | 61.2 |
| February | 442,174 | 23,172 | 2.58 | 49.19 | 1.14 | 114.3 | 5,117 | 840 | 19.49 | 118.71 | 0.46 | 73.2 |
| March | 425,036 | 21,785 | 2.59 | 50.56 | 1.30 | 123.8 | 4,667 | 761 | 19.75 | 121.19 | 0.46 | 66.4 |
| April | 365,920 | 18,576 | 2.67 | 52.56 | 1.33 | 117.2 | 4,582 | 748 | 19.42 | 118.96 | 0.43 | 63.8 |
| May | 404,600 | 20,633 | 2.65 | 52.05 | 1.33 | 101.5 | 4,502 | 744 | 18.92 | 114.47 | 0.38 | 58.3 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 2,623,161 | 137,706 | 2.23 | 42.48 | 1.12 | 100.0 | 28,730 | 4,755 | 22.07 | 133.37 | 0.48 | 65.2 |
| 2023 | 2,544,741 | 133,250 | 2.59 | 49.41 | 1.16 | 128.4 | 32,509 | 5,375 | 20.76 | 125.53 | 0.48 | 82.6 |
| 2024 | 2,105,405 | 108,791 | 2.60 | 50.39 | 1.25 | 102.1 | 26,307 | 4,324 | 19.26 | 117.18 | 0.44 | 64.0 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 6,516,374 | 341,665 | 2.55 | 48.71 | 1.17 | 107.5 | 77,180 | 12,752 | 23.76 | 143.79 | 0.48 | 72.1 |
| 2024 | 5,751,592 | 299,746 | 2.57 | 49.38 | 1.18 | 101.5 | 67,758 | 11,120 | 19.61 | 119.48 | 0.44 | 69.5 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.
PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024 (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 | | | | | | | | | | | | |
| 2014 | 123,793 | 4,349 | 1.89 | 53.77 | 5.56 | 126.3 | 3,876,549 | 3,772,596 | 5.17 | 5.31 | 96.7 | 3.16 |
| 2015 | 115,929 | 4,069 | 1.77 | 50.44 | 5.23 | 130.1 | 4,717,748 | 4,565,040 | 3.52 | 3.64 | 96.0 | 2.67 |
| 2016 | 99,706 | 3,538 | 1.52 | 42.85 | 5.38 | 103.1 | 5,075,337 | 4,907,538 | 3.15 | 3.26 | 97.0 | 2.54 |
| 2017 | 90,481 | 3,224 | 2.15 | 60.31 | 5.55 | 117.6 | 4,794,383 | 4,640,827 | 3.62 | 3.74 | 96.8 | 2.68 |
| 2018 | 83,211 | 2,940 | 2.56 | 72.34 | 5.74 | 106.8 | 5,562,903 | 5,388,544 | 3.68 | 3.80 | 96.2 | 2.80 |
| 2019 | 54,266 | 1,896 | 1.92 | 54.88 | 5.50 | 91.0 | 6,038,432 | 5,842,392 | 3.03 | 3.13 | 97.0 | 2.53 |
| 2020 | 65,684 | 2,317 | 1.70 | 48.07 | 5.39 | 101.8 | 6,207,039 | 6,011,244 | 2.63 | 2.72 | 96.3 | 2.32 |
| 2021 | 64,891 | 2,296 | 3.16 | 89.27 | 5.24 | 98.0 | 5,901,472 | 5,713,855 | 5.21 | 5.39 | 96.4 | 3.60 |
| 2022 | 64,607 | 2,283 | 4.35 | 122.99 | 5.52 | 99.5 | 6,393,812 | 6,200,191 | 7.49 | 7.73 | 96.5 | 5.01 |
| 2023 | 40,716 | 1,450 | 4.05 | 113.73 | 5.61 | 108.5 | 6,086,739 | 5,907,853 | 3.85 | 3.96 | 86.4 | 3.31 |
| Year 2022 | | | | | | | | | | | | |
| January | 5,343 | 189 | 4.32 | 122.16 | 5.11 | 112.6 | 503,615 | 487,628 | 7.15 | 7.39 | 96.7 | 4.67 |
| February | 4,050 | 141 | 4.24 | 121.53 | 5.80 | 75.1 | 414,806 | 402,121 | 6.13 | 6.32 | 96.1 | 4.08 |
| March | 5,791 | 205 | 4.84 | 136.40 | 5.31 | 142.5 | 408,255 | 396,288 | 5.28 | 5.43 | 96.4 | 3.63 |
| April | 6,637 | 235 | 4.80 | 135.31 | 5.57 | 150.6 | 395,234 | 383,835 | 6.25 | 6.44 | 97.3 | 4.17 |
| May | 5,992 | 212 | 4.97 | 140.62 | 5.48 | 99.1 | 494,026 | 479,966 | 7.53 | 7.75 | 97.5 | 4.86 |
| June | 4,887 | 173 | 4.50 | 126.93 | 5.51 | 76.9 | 621,160 | 603,483 | 8.29 | 8.53 | 96.3 | 5.66 |
| July | 5,781 | 205 | 4.65 | 131.34 | 5.54 | 115.1 | 749,263 | 727,668 | 7.75 | 7.98 | 96.1 | 5.61 |
| August | 6,465 | 228 | 5.02 | 142.06 | 5.62 | 127.5 | 723,303 | 700,993 | 9.35 | 9.65 | 96.4 | 6.25 |
| Sept | 3,818 | 134 | 2.32 | 66.08 | 5.74 | 63.7 | 579,405 | 560,966 | 8.53 | 8.81 | 96.2 | 5.58 |
| October | 4,060 | 144 | 3.35 | 94.31 | 5.74 | 74.8 | 493,094 | 478,019 | 6.19 | 6.38 | 96.6 | 4.31 |
| November | 6,485 | 229 | 3.84 | 108.96 | 5.53 | 124.4 | 482,176 | 467,566 | 6.05 | 6.24 | 96.6 | 4.31 |
| December | 5,298 | 187 | 4.19 | 118.73 | 5.50 | 73.4 | 529,475 | 511,657 | 9.05 | 9.36 | 96.7 | 5.97 |
| Year 2023 | | | | | | | | | | | | |
| January | 4,871 | 176 | 4.54 | 126.02 | 5.67 | 151.3 | 469,418 | 453,837 | 8.69 | 8.98 | 88.9 | 5.55 |
| February | 3,886 | 136 | 4.80 | 136.95 | 5.62 | 125.8 | 410,830 | 398,400 | 4.95 | 5.10 | 87.5 | 3.85 |
| March | 4,905 | 172 | 4.66 | 132.76 | 5.71 | 228.6 | 442,406 | 429,205 | 3.76 | 3.88 | 87.0 | 3.19 |
| April | 4,768 | 168 | 4.70 | 133.61 | 5.72 | 218.3 | 415,834 | 404,210 | 3.05 | 3.13 | 86.8 | 2.87 |
| May | 1,985 | 72 | 3.14 | 86.86 | 5.76 | 94.2 | 487,945 | 474,217 | 2.87 | 2.95 | 86.6 | 2.80 |
| June | 1,853 | 66 | 3.48 | 98.25 | 5.77 | 61.3 | 551,525 | 535,472 | 2.93 | 3.01 | 85.0 | 2.81 |
| July | 2,787 | 100 | 3.62 | 101.16 | 5.45 | 50.5 | 672,471 | 652,468 | 3.27 | 3.37 | 83.9 | 3.02 |
| August | 2,311 | 84 | 3.39 | 93.79 | 5.73 | 42.4 | 683,450 | 663,413 | 3.30 | 3.40 | 84.3 | 3.02 |
| Sept | 3,289 | 118 | 3.76 | 104.81 | 5.48 | 67.3 | 550,651 | 535,792 | 3.30 | 3.39 | 86.0 | 3.07 |
| October | 2,404 | 86 | 3.84 | 107.56 | 5.50 | 112.5 | 473,957 | 460,990 | 3.34 | 3.43 | 86.4 | 3.05 |
| November | 3,097 | 111 | 3.60 | 100.64 | 5.35 | 228.6 | 440,879 | 428,220 | 3.82 | 3.93 | 87.4 | 3.26 |
| December | 4,559 | 163 | 3.39 | 94.99 | 5.53 | 199.5 | 487,373 | 471,630 | 3.76 | 3.89 | 89.5 | 3.27 |
| Year 2024 | | | | | | | | | | | | |
| January | 909 | 33 | 2.65 | 73.16 | 5.53 | 34.6 | 525,707 | 508,301 | 4.92 | 5.09 | 86.3 | 3.91 |
| February | 1,385 | 50 | 2.63 | 73.05 | 5.56 | 72.1 | 440,056 | 425,831 | 3.35 | 3.47 | 87.9 | 3.06 |
| March | 1,054 | 38 | 2.63 | 73.51 | 5.49 | 173.2 | 446,527 | 432,933 | 2.49 | 2.57 | 87.8 | 2.63 |
| April | 1,078 | 38 | 2.62 | 73.50 | 5.51 | 57.9 | 412,315 | 400,958 | 2.34 | 2.40 | 83.6 | 2.59 |
| May | 2,177 | 78 | 2.86 | 80.18 | 5.46 | 92.3 | 509,892 | 496,222 | 2.54 | 2.61 | 85.7 | 2.67 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 27,812 | 983 | 4.67 | 132.17 | 5.44 | 113.0 | 2,215,936 | 2,149,838 | 6.54 | 6.74 | 96.8 | 4.31 |
| 2023 | 20,415 | 724 | 4.52 | 127.56 | 5.69 | 159.8 | 2,226,433 | 2,159,869 | 4.68 | 4.83 | 87.4 | 3.68 |
| 2024 | 6,603 | 237 | 2.71 | 75.55 | 5.50 | 70.3 | 2,334,497 | 2,264,244 | 3.18 | 3.28 | 86.3 | 3.00 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 57,210 | 2,024 | 4.25 | 120.17 | 5.62 | 107.8 | 6,404,308 | 6,210,222 | 6.85 | 7.06 | 93.0 | 4.78 |
| 2024 | 26,903 | 963 | 3.36 | 93.94 | 5.52 | 78.9 | 6,194,803 | 6,012,229 | 3.30 | 3.40 | 86.0 | 3.04 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been a shift in the continuity of Chapter 4 tables due to changes in the sample design of Form EIA-923 and the imputation process.
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- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024

| | 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 | | | | | | | | | | | | |
| 2014 | 4,243,949 | 226,600 | 2.25 | 42.20 | 1.61 | 100.1 | 71,774 | 11,980 | 19.90 | 119.36 | 0.45 | 101.0 |
| 2015 | 3,731,508 | 198,982 | 2.10 | 39.39 | 1.66 | 100.5 | 55,248 | 9,189 | 11.69 | 70.36 | 0.46 | 86.5 |
| 2016 | 3,047,358 | 164,648 | 1.93 | 35.69 | 1.73 | 91.8 | 25,975 | 4,410 | 9.93 | 58.56 | 0.48 | 75.1 |
| 2017 | 3,056,215 | 165,567 | 1.85 | 34.19 | 1.64 | 93.1 | 24,704 | 4,190 | 12.67 | 74.73 | 0.46 | 73.8 |
| 2018 | 2,849,062 | 152,015 | 1.89 | 35.41 | 1.70 | 94.2 | 47,699 | 8,022 | 14.52 | 86.39 | 0.44 | 81.7 |
| 2019 | 2,629,405 | 139,141 | 1.81 | 34.16 | 1.74 | 101.6 | 20,188 | 3,425 | 14.40 | 84.89 | 0.50 | 73.0 |
| 2020 | 1,937,714 | 105,627 | 1.74 | 31.92 | 1.72 | 97.1 | 18,954 | 3,216 | 9.44 | 55.61 | 0.49 | 88.7 |
| 2021 | 2,163,331 | 116,480 | 1.79 | 33.35 | 1.79 | 92.0 | 25,972 | 4,447 | 15.38 | 89.84 | 0.47 | 101.6 |
| 2022 | 2,142,472 | 116,864 | 2.19 | 40.16 | 1.69 | 96.4 | 41,066 | 6,827 | 22.83 | 137.45 | 0.39 | 69.1 |
| 2023 | 1,726,352 | 96,088 | 2.29 | 41.19 | 1.53 | 101.4 | 24,980 | 4,106 | 20.11 | 122.75 | 0.38 | 88.6 |
| Year 2022 | | | | | | | | | | | | |
| January | 190,059 | 10,391 | 2.06 | 37.66 | 1.62 | 79.5 | 8,892 | 1,482 | 18.48 | 111.05 | 0.39 | 51.8 |
| February | 169,787 | 9,274 | 2.07 | 37.95 | 1.56 | 82.2 | 4,566 | 762 | 18.20 | 109.02 | 0.36 | 96.9 |
| March | 191,644 | 10,240 | 2.04 | 38.27 | 1.72 | 101.2 | 1,540 | 252 | 22.72 | 138.89 | 0.45 | 63.0 |
| April | 175,332 | 9,448 | 1.99 | 37.03 | 1.86 | 107.7 | 1,498 | 247 | 27.01 | 163.98 | 0.48 | 89.1 |
| May | 170,813 | 9,355 | 2.01 | 36.76 | 1.87 | 107.8 | 1,250 | 205 | 28.43 | 173.23 | 0.48 | 73.6 |
| June | 170,764 | 9,296 | 2.20 | 40.47 | 1.83 | 95.7 | 1,651 | 275 | 30.73 | 185.03 | 0.41 | 72.6 |
| July | 188,956 | 10,384 | 2.45 | 44.55 | 1.71 | 90.8 | 1,756 | 293 | 30.58 | 183.42 | 0.47 | 48.7 |
| August | 189,136 | 10,350 | 2.41 | 44.15 | 1.63 | 86.5 | 2,286 | 381 | 27.18 | 162.89 | 0.47 | 67.6 |
| Sept | 175,484 | 9,589 | 2.16 | 39.62 | 1.72 | 106.1 | 2,185 | 358 | 23.44 | 143.49 | 0.41 | 98.3 |
| October | 185,852 | 10,141 | 2.18 | 40.02 | 1.67 | 126.2 | 2,848 | 471 | 23.30 | 140.86 | 0.35 | 112.5 |
| November | 164,764 | 9,127 | 2.20 | 39.71 | 1.49 | 101.3 | 3,910 | 654 | 26.55 | 158.67 | 0.37 | 194.2 |
| December | 169,882 | 9,269 | 2.47 | 45.38 | 1.65 | 91.6 | 8,682 | 1,447 | 19.92 | 119.50 | 0.33 | 55.5 |
| Year 2023 | | | | | | | | | | | | |
| January | 156,195 | 8,313 | 2.36 | 44.43 | 1.71 | 103.2 | 3,264 | 542 | 22.01 | 132.88 | 0.42 | 160.8 |
| February | 147,634 | 8,061 | 2.25 | 41.37 | 1.64 | 119.0 | 3,366 | 545 | 16.69 | 103.54 | 0.39 | 80.1 |
| March | 153,230 | 8,449 | 2.32 | 42.11 | 1.54 | 114.7 | 1,365 | 220 | 21.17 | 131.15 | 0.47 | 56.5 |
| April | 141,123 | 7,974 | 2.28 | 40.36 | 1.50 | 119.7 | 1,466 | 240 | 20.18 | 123.46 | 0.37 | 71.4 |
| May | 142,737 | 7,876 | 2.33 | 42.29 | 1.60 | 112.8 | 1,430 | 232 | 19.31 | 118.84 | 0.43 | 60.5 |
| June | 133,987 | 7,498 | 2.29 | 41.04 | 1.52 | 102.6 | 1,371 | 225 | 18.64 | 113.46 | 0.47 | 79.5 |
| July | 139,185 | 7,916 | 2.26 | 39.73 | 1.45 | 80.9 | 1,765 | 290 | 18.69 | 113.88 | 0.38 | 69.3 |
| August | 144,837 | 8,180 | 2.25 | 39.94 | 1.46 | 83.6 | 2,388 | 397 | 20.47 | 124.57 | 0.28 | 120.2 |
| Sept | 133,508 | 7,491 | 2.25 | 40.04 | 1.41 | 94.2 | 1,664 | 274 | 22.77 | 139.09 | 0.31 | 70.8 |
| October | 135,988 | 7,681 | 2.29 | 40.62 | 1.50 | 101.8 | 1,933 | 314 | 22.12 | 136.06 | 0.33 | 82.1 |
| November | 149,493 | 8,391 | 2.29 | 40.80 | 1.46 | 99.9 | 2,537 | 419 | 19.88 | 120.50 | 0.39 | 118.0 |
| December | 148,435 | 8,259 | 2.29 | 41.25 | 1.53 | 101.8 | 2,430 | 408 | 20.65 | 123.78 | 0.30 | 116.8 |
| Year 2024 | | | | | | | | | | | | |
| January | 123,675 | 7,060 | 2.24 | 39.33 | 1.43 | 71.3 | 2,324 | 388 | 19.22 | 115.15 | 0.36 | 52.7 |
| February | 113,481 | 6,587 | 2.10 | 36.22 | 1.44 | 116.4 | 1,029 | 170 | 20.12 | 122.20 | 0.42 | 73.8 |
| March | 99,577 | 5,729 | 2.07 | 36.10 | 1.49 | 122.2 | 1,205 | 197 | 21.08 | 129.23 | 0.45 | 70.0 |
| April | 94,449 | 5,497 | 2.03 | 34.96 | 1.45 | 102.0 | 1,526 | 251 | 20.41 | 124.28 | 0.44 | 67.8 |
| May | 101,597 | 5,706 | 2.21 | 39.38 | 1.59 | 93.1 | 1,866 | 305 | 19.38 | 118.39 | 0.38 | 86.2 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 897,635 | 48,709 | 2.04 | 37.55 | 1.72 | 93.8 | 17,747 | 2,948 | 20.71 | 124.86 | 0.40 | 64.0 |
| 2023 | 740,920 | 40,673 | 2.31 | 42.13 | 1.60 | 113.5 | 10,892 | 1,779 | 19.65 | 120.56 | 0.41 | 83.6 |
| 2024 | 532,780 | 30,578 | 2.14 | 37.28 | 1.48 | 96.3 | 7,949 | 1,310 | 19.88 | 120.68 | 0.41 | 66.5 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 1,985,758 | 108,829 | 2.30 | 42.07 | 1.64 | 103.5 | 34,211 | 5,659 | 22.66 | 137.08 | 0.39 | 76.5 |
| 2024 | 1,518,212 | 85,994 | 2.23 | 39.35 | 1.48 | 94.9 | 22,037 | 3,637 | 20.27 | 123.16 | 0.36 | 81.3 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.
PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024 (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 | | | | | | | | | | | | |
| 2014 | 13,781 | 488 | 2.48 | 70.31 | 5.33 | 70.9 | 4,054,540 | 3,934,672 | 4.90 | 5.05 | 92.7 | 3.52 |
| 2015 | 14,550 | 524 | 2.45 | 68.22 | 5.26 | 67.3 | 4,683,291 | 4,530,195 | 2.94 | 3.04 | 93.2 | 2.57 |
| 2016 | 13,573 | 492 | 2.50 | 68.88 | 5.44 | 69.9 | 4,791,729 | 4,634,518 | 2.54 | 2.63 | 94.0 | 2.29 |
| 2017 | 0 | 0 | -- | -- | -- | 0.0 | 4,346,156 | 4,201,573 | 3.08 | 3.19 | 94.0 | 2.54 |
| 2018 | 0 | 0 | -- | -- | -- | 0.0 | 4,889,212 | 4,727,692 | 3.40 | 3.52 | 94.6 | 2.84 |
| 2019 | 0 | 0 | -- | -- | -- | 0.0 | 5,242,547 | 5,062,877 | 2.70 | 2.80 | 96.0 | 2.40 |
| 2020 | 0 | 0 | -- | -- | -- | 0.0 | 5,359,545 | 5,178,938 | 2.10 | 2.17 | 96.1 | 2.01 |
| 2021 | 0 | 0 | -- | -- | -- | 0.0 | 5,255,390 | 5,077,009 | 5.29 | 5.48 | 95.7 | 4.16 |
| 2022 | 0 | 0 | -- | -- | -- | 0.0 | 5,602,375 | 5,414,698 | 6.95 | 7.20 | 95.5 | 5.50 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 5,649,898 | 5,462,253 | 2.80 | 2.90 | 89.7 | 2.72 |
| Year 2022 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | 0.0 | 440,567 | 425,442 | 6.15 | 6.38 | 95.6 | 4.92 |
| February | 0 | 0 | -- | -- | -- | 0.0 | 375,891 | 363,057 | 5.88 | 6.09 | 94.2 | 4.62 |
| March | 0 | 0 | -- | -- | -- | 0.0 | 359,407 | 347,490 | 4.96 | 5.14 | 95.0 | 3.87 |
| April | 0 | 0 | -- | -- | -- | 0.0 | 344,208 | 332,882 | 6.22 | 6.44 | 95.5 | 4.66 |
| May | 0 | 0 | -- | -- | -- | 0.0 | 428,890 | 414,929 | 7.60 | 7.86 | 96.4 | 5.80 |
| June | 0 | 0 | -- | -- | -- | 0.0 | 513,920 | 497,609 | 7.55 | 7.81 | 96.1 | 6.03 |
| July | 0 | 0 | -- | -- | -- | 0.0 | 644,066 | 623,293 | 7.29 | 7.54 | 96.2 | 6.04 |
| August | 0 | 0 | -- | -- | -- | 0.0 | 645,276 | 623,863 | 8.56 | 8.86 | 95.5 | 6.95 |
| Sept | 0 | 0 | -- | -- | -- | 0.0 | 538,145 | 519,483 | 7.58 | 7.86 | 95.8 | 6.04 |
| October | 0 | 0 | -- | -- | -- | 0.0 | 446,464 | 431,379 | 5.29 | 5.48 | 95.5 | 4.32 |
| November | 0 | 0 | -- | -- | -- | 0.0 | 407,043 | 393,319 | 5.35 | 5.54 | 94.1 | 4.44 |
| December | 0 | 0 | -- | -- | -- | 0.0 | 458,497 | 441,951 | 9.26 | 9.61 | 95.4 | 7.27 |
| Year 2023 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 432,340 | 417,130 | 5.34 | 5.54 | 91.4 | 4.53 |
| February | 0 | 0 | -- | -- | -- | -- | 392,667 | 379,376 | 3.91 | 4.05 | 91.4 | 3.48 |
| March | 0 | 0 | -- | -- | -- | -- | 408,837 | 395,267 | 2.94 | 3.04 | 90.1 | 2.80 |
| April | 0 | 0 | -- | -- | -- | -- | 371,695 | 359,263 | 2.28 | 2.36 | 89.1 | 2.34 |
| May | 0 | 0 | -- | -- | -- | -- | 417,032 | 403,626 | 2.11 | 2.18 | 90.1 | 2.22 |
| June | 0 | 0 | -- | -- | -- | -- | 502,016 | 485,754 | 2.13 | 2.20 | 88.9 | 2.21 |
| July | 0 | 0 | -- | -- | -- | -- | 627,873 | 607,202 | 2.59 | 2.68 | 87.5 | 2.56 |
| August | 0 | 0 | -- | -- | -- | -- | 617,659 | 597,279 | 2.41 | 2.49 | 88.5 | 2.43 |
| Sept | 0 | 0 | -- | -- | -- | -- | 526,671 | 510,024 | 2.29 | 2.37 | 89.7 | 2.34 |
| October | 0 | 0 | -- | -- | -- | -- | 449,085 | 434,540 | 2.42 | 2.51 | 90.0 | 2.46 |
| November | 0 | 0 | -- | -- | -- | -- | 441,816 | 426,779 | 2.92 | 3.03 | 89.9 | 2.82 |
| December | 0 | 0 | -- | -- | -- | -- | 462,206 | 446,013 | 2.73 | 2.83 | 91.6 | 2.67 |
| Year 2024 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 509,048 | 491,149 | 4.85 | 5.03 | 90.7 | 4.31 |
| February | 0 | 0 | -- | -- | -- | -- | 406,630 | 392,048 | 2.31 | 2.40 | 91.1 | 2.30 |
| March | 0 | 0 | -- | -- | -- | -- | 394,896 | 381,126 | 1.84 | 1.91 | 90.2 | 1.95 |
| April | 0 | 0 | -- | -- | -- | -- | 372,154 | 359,568 | 1.69 | 1.75 | 89.2 | 1.84 |
| May | 0 | 0 | -- | -- | -- | -- | 427,485 | 413,626 | 1.92 | 1.98 | 89.7 | 2.05 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 0 | 0 | -- | -- | -- | 0.0 | 1,948,964 | 1,883,800 | 6.20 | 6.42 | 95.4 | 4.79 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 2,022,572 | 1,954,661 | 3.35 | 3.46 | 90.4 | 3.10 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 2,110,213 | 2,037,517 | 2.62 | 2.71 | 90.2 | 2.57 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 0 | 0 | -- | -- | -- | 0.0 | 5,675,982 | 5,485,559 | 5.94 | 6.15 | 93.7 | 4.92 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 5,737,539 | 5,545,108 | 2.55 | 2.64 | 89.6 | 2.53 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024

| | 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 | | | | | | | | | | | | |
| 2014 | 4,096 | 182 | 3.12 | 70.30 | 2.50 | 17.1 | 0 | 0 | -- | -- | -- | 0.0 |
| 2015 | 2,439 | 109 | 2.85 | 63.90 | 2.55 | 13.6 | 0 | 0 | -- | -- | -- | 0.0 |
| 2016 | 1,288 | 57 | 2.69 | 60.89 | 3.03 | 8.3 | 0 | 0 | -- | -- | -- | 0.0 |
| 2017 | 548 | 24 | 2.78 | 63.31 | 2.99 | 3.9 | 0 | 0 | -- | -- | -- | 0.0 |
| 2018 | 290 | 13 | 2.94 | 66.52 | 3.04 | 2.2 | 0 | 0 | -- | -- | -- | 0.0 |
| 2019 | 193 | 8 | 2.92 | 66.55 | 3.01 | 1.6 | 0 | 0 | -- | -- | -- | 0.0 |
| 2020 | 132 | 6 | 2.96 | 67.66 | 2.93 | 1.2 | 0 | 0 | -- | -- | -- | 0.0 |
| 2021 | 262 | 11 | 3.03 | 69.50 | 2.94 | 2.1 | 0 | 0 | -- | -- | -- | 0.0 |
| 2022 | 268 | 12 | 4.17 | 94.87 | 3.08 | 2.2 | 0 | 0 | -- | -- | -- | 0.0 |
| 2023 | 66 | 3 | 4.28 | 96.92 | 3.22 | 0.7 | 0 | 0 | -- | -- | -- | -- |
| Year 2022 | | | | | | | | | | | | |
| January | 74 | 3 | 3.95 | 90.18 | 3.03 | 5.8 | 0 | 0 | -- | -- | -- | 0.0 |
| February | 19 | 1 | 3.95 | 90.65 | 3.00 | 1.5 | 0 | 0 | -- | -- | -- | 0.0 |
| March | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| April | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| May | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| June | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| July | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| August | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| Sept | 106 | 5 | 4.28 | 97.46 | 3.05 | 10.0 | 0 | 0 | -- | -- | -- | 0.0 |
| October | 54 | 2 | 4.28 | 97.11 | 3.24 | 5.2 | 0 | 0 | -- | -- | -- | 0.0 |
| November | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | 0.0 |
| December | 15 | 1 | 4.28 | 96.94 | 3.02 | 1.1 | 0 | 0 | -- | -- | -- | 0.0 |
| Year 2023 | | | | | | | | | | | | |
| January | 21 | 1 | 4.28 | 96.60 | 3.06 | 2.0 | 0 | 0 | -- | -- | -- | -- |
| February | 22 | 1 | 4.28 | 97.20 | 3.12 | 2.4 | 0 | 0 | -- | -- | -- | -- |
| March | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| April | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| May | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| June | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| July | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| August | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| Sept | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| October | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| November | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| December | 24 | 1 | 4.28 | 96.94 | 3.46 | 2.6 | 0 | 0 | -- | -- | -- | -- |
| Year 2024 | | | | | | | | | | | | |
| January | 85 | 4 | 4.28 | 96.86 | 3.06 | 6.7 | 0 | 0 | -- | -- | -- | -- |
| February | 43 | 2 | 4.28 | 96.51 | 3.06 | 4.8 | 0 | 0 | -- | -- | -- | -- |
| March | 0 | 0 | -- | -- | -- | 0.0 | 0 | 0 | -- | -- | -- | -- |
| April | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| May | 0 | 0 | -- | -- | -- | -- | 0 | 0 | -- | -- | -- | -- |
| Year to Date | | | | | | | | | | | | |
| 2022 | 93 | 4 | 3.95 | 90.28 | 3.02 | 2.0 | 0 | 0 | -- | -- | -- | 0.0 |
| 2023 | 43 | 2 | 4.28 | 96.90 | 3.09 | 1.0 | 0 | 0 | -- | -- | -- | -- |
| 2024 | 128 | 6 | 4.28 | 96.74 | 3.06 | 3.1 | 0 | 0 | -- | -- | -- | -- |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 217 | 10 | 4.28 | 97.23 | 3.10 | 1.8 | 0 | 0 | -- | -- | -- | 0.0 |
| 2024 | 151 | 7 | 4.28 | 96.77 | 3.12 | 1.7 | 0 | 0 | -- | -- | -- | -- |

Displayed values of zero may represent small values that round to zero.
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Notes:
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COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.
PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

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## Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2014 - May 2024 (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 | | | | | | | | | | | | |
| 2014 | 0 | 0 | -- | -- | -- | 0.0 | 5,849 | 5,795 | 5.42 | 5.47 | 4.9 | 4.47 |
| 2015 | 0 | 0 | -- | -- | -- | 0.0 | 6,499 | 6,371 | 4.11 | 4.19 | 5.5 | 3.76 |
| 2016 | 0 | 0 | -- | -- | -- | 0.0 | 8,005 | 7,766 | 3.85 | 3.97 | 6.1 | 3.69 |
| 2017 | 0 | 0 | -- | -- | -- | 0.0 | 7,841 | 7,593 | 3.82 | 3.95 | 4.9 | 3.75 |
| 2018 | 0 | 0 | -- | -- | -- | 0.0 | 9,090 | 8,823 | 3.49 | 3.59 | 6.6 | 3.47 |
| 2019 | 0 | 0 | -- | -- | -- | 0.0 | 9,429 | 9,087 | 3.26 | 3.39 | 6.7 | 3.26 |
| 2020 | 0 | 0 | -- | -- | -- | 0.0 | 8,532 | 8,188 | 3.07 | 3.20 | 6.3 | 3.07 |
| 2021 | 0 | 0 | -- | -- | -- | 0.0 | 8,869 | 8,528 | 3.42 | 3.56 | 7.3 | 3.41 |
| 2022 | 0 | 0 | -- | -- | -- | 0.0 | 8,636 | 8,322 | 3.88 | 4.02 | 6.8 | 3.89 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 8,130 | 7,861 | 3.04 | 3.15 | 6.4 | 3.05 |
| Year 2022 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | 0.0 | 759 | 731 | 3.29 | 3.42 | 6.5 | 3.35 |
| February | 0 | 0 | -- | -- | -- | 0.0 | 711 | 683 | 3.32 | 3.45 | 6.8 | 3.33 |
| March | 0 | 0 | -- | -- | -- | 0.0 | 712 | 687 | 3.30 | 3.42 | 6.8 | 3.30 |
| April | 0 | 0 | -- | -- | -- | 0.0 | 786 | 758 | 4.35 | 4.51 | 8.2 | 4.35 |
| May | 0 | 0 | -- | -- | -- | 0.0 | 686 | 661 | 4.13 | 4.29 | 7.0 | 4.13 |
| June | 0 | 0 | -- | -- | -- | 0.0 | 628 | 603 | 3.89 | 4.05 | 6.1 | 3.89 |
| July | 0 | 0 | -- | -- | -- | 0.0 | 693 | 668 | 3.86 | 4.00 | 5.7 | 3.86 |
| August | 0 | 0 | -- | -- | -- | 0.0 | 732 | 703 | 4.86 | 5.06 | 5.9 | 4.86 |
| Sept | 0 | 0 | -- | -- | -- | 0.0 | 766 | 738 | 4.56 | 4.73 | 7.3 | 4.53 |
| October | 0 | 0 | -- | -- | -- | 0.0 | 657 | 634 | 3.98 | 4.12 | 7.0 | 4.00 |
| November | 0 | 0 | -- | -- | -- | 0.0 | 656 | 636 | 3.18 | 3.28 | 6.7 | 3.18 |
| December | 0 | 0 | -- | -- | -- | 0.0 | 850 | 821 | 3.73 | 3.86 | 7.5 | 3.74 |
| Year 2023 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 707 | 682 | 3.11 | 3.22 | 6.3 | 3.14 |
| February | 0 | 0 | -- | -- | -- | -- | 707 | 683 | 3.01 | 3.11 | 6.9 | 3.05 |
| March | 0 | 0 | -- | -- | -- | -- | 680 | 655 | 3.05 | 3.17 | 6.2 | 3.05 |
| April | 0 | 0 | -- | -- | -- | -- | 720 | 700 | 2.89 | 2.97 | 7.6 | 2.89 |
| May | 0 | 0 | -- | -- | -- | -- | 748 | 726 | 2.84 | 2.92 | 7.9 | 2.84 |
| June | 0 | 0 | -- | -- | -- | -- | 617 | 598 | 2.89 | 2.99 | 5.9 | 2.89 |
| July | 0 | 0 | -- | -- | -- | -- | 629 | 607 | 3.07 | 3.18 | 5.6 | 3.07 |
| August | 0 | 0 | -- | -- | -- | -- | 670 | 646 | 3.09 | 3.21 | 5.9 | 3.09 |
| Sept | 0 | 0 | -- | -- | -- | -- | 619 | 597 | 3.10 | 3.21 | 5.8 | 3.10 |
| October | 0 | 0 | -- | -- | -- | -- | 685 | 664 | 3.03 | 3.13 | 6.7 | 3.03 |
| November | 0 | 0 | -- | -- | -- | -- | 687 | 664 | 3.19 | 3.31 | 6.4 | 3.19 |
| December | 0 | 0 | -- | -- | -- | -- | 661 | 638 | 3.27 | 3.38 | 5.8 | 3.30 |
| Year 2024 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 715 | 686 | 3.29 | 3.43 | 5.9 | 3.40 |
| February | 0 | 0 | -- | -- | -- | -- | 666 | 641 | 3.29 | 3.42 | 6.1 | 3.35 |
| March | 0 | 0 | -- | -- | -- | -- | 572 | 552 | 3.18 | 3.29 | 5.1 | 3.18 |
| April | 0 | 0 | -- | -- | -- | -- | 648 | 629 | 3.14 | 3.24 | 7.0 | 3.14 |
| May | 0 | 0 | -- | -- | -- | -- | 577 | 554 | 3.18 | 3.31 | 5.9 | 3.18 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 0 | 0 | -- | -- | -- | 0.0 | 3,654 | 3,520 | 3.68 | 3.82 | 7.0 | 3.69 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 3,561 | 3,447 | 2.98 | 3.08 | 6.9 | 2.99 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 3,177 | 3,063 | 3.22 | 3.34 | 5.9 | 3.26 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 0 | 0 | -- | -- | -- | 0.0 | 8,543 | 8,248 | 3.59 | 3.71 | 6.7 | 3.60 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 7,746 | 7,477 | 3.15 | 3.26 | 6.0 | 3.17 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
- See Glossary for definitions.
- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024

| | 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 | | | | | | | | | | | | |
| 2014 | 281,867 | 13,050 | 2.97 | 64.15 | 1.33 | 68.4 | 2,290 | 373 | 17.91 | 109.99 | 1.43 | 15.6 |
| 2015 | 263,630 | 12,132 | 2.72 | 59.17 | 1.35 | 71.4 | 2,359 | 385 | 13.45 | 82.47 | 1.42 | 16.9 |
| 2016 | 210,749 | 9,859 | 2.67 | 57.01 | 1.30 | 67.0 | 2,541 | 412 | 10.51 | 64.79 | 1.27 | 18.3 |
| 2017 | 192,637 | 9,178 | 2.49 | 52.29 | 1.35 | 70.7 | 1,850 | 297 | 11.18 | 69.57 | 1.42 | 15.2 |
| 2018 | 170,730 | 8,224 | 2.47 | 51.38 | 1.30 | 67.2 | 2,319 | 372 | 13.46 | 83.97 | 1.35 | 15.9 |
| 2019 | 146,324 | 7,088 | 2.55 | 52.69 | 1.19 | 65.1 | 1,684 | 275 | 13.19 | 80.82 | 1.47 | 14.5 |
| 2020 | 134,523 | 6,515 | 2.49 | 51.38 | 1.27 | 68.9 | 1,700 | 277 | 10.52 | 64.54 | 1.20 | 17.0 |
| 2021 | 141,492 | 6,781 | 2.33 | 48.60 | 1.33 | 69.9 | 2,380 | 387 | 12.90 | 79.39 | 1.46 | 21.3 |
| 2022 | 138,708 | 6,721 | 2.78 | 57.30 | 1.27 | 70.3 | 2,475 | 404 | 18.35 | 112.54 | 1.26 | 10.5 |
| 2023 | 123,941 | 6,174 | 3.26 | 65.45 | 1.02 | 71.7 | 2,862 | 468 | 17.32 | 105.80 | 1.35 | 15.2 |
| Year 2022 | | | | | | | | | | | | |
| January | 12,244 | 593 | 2.58 | 53.22 | 1.35 | 67.4 | 301 | 49 | 14.12 | 86.62 | 1.46 | 18.3 |
| February | 10,697 | 520 | 2.65 | 54.46 | 1.17 | 68.2 | 229 | 37 | 15.76 | 97.63 | 1.27 | 16.8 |
| March | 12,941 | 626 | 2.53 | 52.28 | 1.39 | 74.0 | 219 | 36 | 15.78 | 97.43 | 1.06 | 11.4 |
| April | 10,674 | 504 | 2.78 | 58.94 | 1.37 | 65.8 | 112 | 18 | 19.33 | 118.47 | 1.55 | 5.7 |
| May | 12,282 | 597 | 2.49 | 51.10 | 1.38 | 72.5 | 175 | 29 | 19.13 | 117.32 | 0.90 | 10.0 |
| June | 11,491 | 564 | 2.36 | 48.06 | 1.45 | 72.2 | 144 | 23 | 21.21 | 129.90 | 1.07 | 6.9 |
| July | 12,246 | 595 | 2.65 | 54.47 | 1.30 | 75.6 | 156 | 26 | 19.35 | 118.47 | 1.57 | 7.5 |
| August | 10,874 | 533 | 2.67 | 54.52 | 1.21 | 66.4 | 157 | 25 | 20.21 | 124.53 | 1.54 | 11.4 |
| Sept | 11,393 | 556 | 3.10 | 63.58 | 1.06 | 74.0 | 202 | 33 | 18.30 | 112.79 | 1.13 | 10.7 |
| October | 11,143 | 541 | 3.52 | 72.50 | 0.91 | 68.4 | 223 | 36 | 17.89 | 109.96 | 1.15 | 11.7 |
| November | 10,179 | 488 | 3.21 | 66.97 | 1.29 | 65.4 | 219 | 36 | 23.10 | 140.27 | 1.11 | 12.1 |
| December | 12,543 | 605 | 2.91 | 60.37 | 1.36 | 73.2 | 337 | 56 | 19.51 | 118.50 | 1.38 | 9.1 |
| Year 2023 | | | | | | | | | | | | |
| January | 11,082 | 548 | 2.99 | 60.56 | 1.21 | 66.3 | 336 | 55 | 17.76 | 108.25 | 1.35 | 15.8 |
| February | 10,894 | 523 | 3.79 | 78.83 | 1.06 | 72.3 | 332 | 55 | 17.22 | 104.12 | 1.55 | 20.5 |
| March | 10,570 | 525 | 3.64 | 73.24 | 0.78 | 71.6 | 440 | 73 | 16.48 | 99.40 | 1.62 | 21.2 |
| April | 11,351 | 563 | 3.48 | 70.15 | 0.97 | 80.0 | 300 | 50 | 17.07 | 103.34 | 1.55 | 17.7 |
| May | 10,576 | 520 | 3.41 | 69.33 | 1.16 | 72.2 | 309 | 51 | 15.64 | 95.51 | 1.12 | 23.0 |
| June | 10,155 | 532 | 2.82 | 53.77 | 0.82 | 76.0 | 93 | 15 | 16.41 | 103.52 | 1.09 | 6.7 |
| July | 9,652 | 499 | 2.86 | 55.29 | 0.73 | 70.1 | 141 | 23 | 16.54 | 102.83 | 1.00 | 10.9 |
| August | 10,109 | 515 | 3.10 | 60.84 | 0.91 | 77.7 | 136 | 22 | 17.84 | 111.00 | 1.20 | 9.9 |
| Sept | 8,716 | 431 | 3.73 | 75.33 | 1.07 | 63.4 | 154 | 25 | 16.85 | 104.23 | 1.13 | 11.8 |
| October | 10,465 | 521 | 3.22 | 64.67 | 1.08 | 74.9 | 232 | 38 | 20.00 | 122.63 | 1.47 | 17.1 |
| November | 9,969 | 489 | 3.04 | 62.05 | 1.15 | 68.6 | 198 | 32 | 19.26 | 117.80 | 1.37 | 13.5 |
| December | 10,403 | 508 | 3.04 | 62.22 | 1.25 | 68.8 | 191 | 31 | 17.47 | 108.06 | 1.32 | 10.4 |
| Year 2024 | | | | | | | | | | | | |
| January | 9,556 | 480 | 2.78 | 55.44 | 0.87 | 58.3 | 313 | 51 | 16.91 | 104.56 | 1.20 | 11.7 |
| February | 11,198 | 553 | 3.08 | 62.42 | 1.01 | 77.6 | 195 | 32 | 18.01 | 108.28 | 1.65 | 12.4 |
| March | 10,962 | 527 | 3.18 | 66.06 | 0.99 | 64.3 | 148 | 24 | 15.74 | 95.28 | 1.53 | 9.7 |
| April | 8,753 | 436 | 2.86 | 57.41 | 1.03 | 65.5 | 132 | 21 | 17.82 | 109.90 | 1.57 | 8.4 |
| May | 9,654 | 481 | 2.86 | 57.39 | 0.85 | 72.6 | 128 | 21 | 16.69 | 103.83 | 1.60 | 8.0 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 58,838 | 2,840 | 2.60 | 53.81 | 1.34 | 69.7 | 1,037 | 168 | 16.25 | 99.99 | 1.24 | 12.0 |
| 2023 | 54,473 | 2,680 | 3.46 | 70.33 | 1.04 | 72.3 | 1,717 | 283 | 16.82 | 102.03 | 1.43 | 19.4 |
| 2024 | 50,124 | 2,477 | 2.96 | 59.98 | 0.95 | 67.2 | 915 | 149 | 17.06 | 104.52 | 1.42 | 10.2 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 134,342 | 6,561 | 3.13 | 64.13 | 1.15 | 71.4 | 3,156 | 518 | 18.21 | 110.87 | 1.37 | 13.3 |
| 2024 | 119,592 | 5,971 | 3.05 | 60.99 | 0.98 | 69.6 | 2,060 | 335 | 17.61 | 108.42 | 1.35 | 10.9 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.
PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

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- See Glossary for definitions.
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- See the EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - May 2024 (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 | | | | | | | | | | | | |
| 2014 | 9,736 | 358 | 2.56 | 69.67 | 5.83 | 23.2 | 742,347 | 718,360 | 4.54 | 4.69 | 62.7 | 4.12 |
| 2015 | 8,189 | 304 | 1.73 | 46.72 | 5.50 | 24.1 | 765,964 | 740,975 | 2.83 | 2.93 | 60.6 | 2.82 |
| 2016 | 3,664 | 135 | 2.00 | 54.12 | 5.84 | 11.2 | 744,034 | 721,358 | 2.65 | 2.74 | 59.6 | 2.68 |
| 2017 | 2,356 | 85 | 1.59 | 44.08 | 5.84 | 8.1 | 803,435 | 778,741 | 3.18 | 3.28 | 62.0 | 3.06 |
| 2018 | 1,911 | 71 | 1.75 | 47.47 | 5.74 | 7.1 | 792,297 | 769,790 | 3.39 | 3.49 | 58.6 | 3.25 |
| 2019 | 2,028 | 73 | 1.69 | 46.99 | 5.81 | 8.1 | 814,483 | 790,388 | 2.82 | 2.91 | 57.5 | 2.80 |
| 2020 | 2,157 | 80 | 1.73 | 46.84 | 5.89 | 10.0 | 805,785 | 783,182 | 2.28 | 2.34 | 53.7 | 2.32 |
| 2021 | 0 | 0 | -- | -- | -- | 0.0 | 801,054 | 778,861 | 4.65 | 4.79 | 56.5 | 4.33 |
| 2022 | 82 | 3 | 4.46 | 124.88 | 5.99 | 0.4 | 835,428 | 812,863 | 6.51 | 6.69 | 59.1 | 6.01 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 787,434 | 765,807 | 2.97 | 3.05 | 55.0 | 3.05 |
| Year 2022 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | 0.0 | 76,455 | 74,275 | 4.68 | 4.82 | 59.9 | 4.42 |
| February | 0 | 0 | -- | -- | -- | 0.0 | 65,784 | 63,860 | 5.74 | 5.91 | 59.0 | 5.34 |
| March | 0 | 0 | -- | -- | -- | 0.0 | 71,461 | 69,559 | 4.69 | 4.82 | 60.3 | 4.39 |
| April | 0 | 0 | -- | -- | -- | 0.0 | 67,470 | 65,714 | 5.97 | 6.13 | 60.8 | 5.55 |
| May | 0 | 0 | -- | -- | -- | 0.0 | 67,025 | 65,283 | 7.68 | 7.89 | 58.8 | 6.90 |
| June | 0 | 0 | -- | -- | -- | 0.0 | 68,964 | 67,264 | 8.29 | 8.50 | 60.1 | 7.47 |
| July | 0 | 0 | -- | -- | -- | 0.0 | 72,749 | 70,916 | 6.93 | 7.11 | 58.8 | 6.33 |
| August | 0 | 0 | -- | -- | -- | 0.0 | 73,848 | 72,011 | 8.69 | 8.91 | 59.1 | 7.94 |
| Sept | 0 | 0 | -- | -- | -- | 0.0 | 66,052 | 64,306 | 8.40 | 8.63 | 57.9 | 7.65 |
| October | 82 | 3 | 4.46 | 124.88 | 5.99 | 4.6 | 65,621 | 63,673 | 5.82 | 5.99 | 57.1 | 5.52 |
| November | 0 | 0 | -- | -- | -- | 0.0 | 69,498 | 67,553 | 5.11 | 5.26 | 58.9 | 4.92 |
| December | 0 | 0 | -- | -- | -- | 0.0 | 70,500 | 68,450 | 6.26 | 6.45 | 58.4 | 5.81 |
| Year 2023 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 69,363 | 67,415 | 5.03 | 5.17 | 54.6 | 4.80 |
| February | 0 | 0 | -- | -- | -- | -- | 62,244 | 60,546 | 3.23 | 3.32 | 54.9 | 3.37 |
| March | 0 | 0 | -- | -- | -- | -- | 66,976 | 65,267 | 2.75 | 2.82 | 54.6 | 2.94 |
| April | 0 | 0 | -- | -- | -- | -- | 60,328 | 58,682 | 2.31 | 2.38 | 56.3 | 2.56 |
| May | 0 | 0 | -- | -- | -- | -- | 63,898 | 62,168 | 2.37 | 2.43 | 56.7 | 2.57 |
| June | 0 | 0 | -- | -- | -- | -- | 64,518 | 62,967 | 2.48 | 2.54 | 55.3 | 2.54 |
| July | 0 | 0 | -- | -- | -- | -- | 64,395 | 62,551 | 2.85 | 2.93 | 53.1 | 2.87 |
| August | 0 | 0 | -- | -- | -- | -- | 65,646 | 63,786 | 2.82 | 2.91 | 54.4 | 2.89 |
| Sept | 0 | 0 | -- | -- | -- | -- | 64,674 | 62,843 | 2.80 | 2.88 | 54.4 | 2.94 |
| October | 0 | 0 | -- | -- | -- | -- | 64,422 | 62,613 | 2.86 | 2.94 | 55.2 | 2.96 |
| November | 0 | 0 | -- | -- | -- | -- | 67,757 | 65,829 | 3.09 | 3.18 | 55.7 | 3.13 |
| December | 0 | 0 | -- | -- | -- | -- | 73,212 | 71,141 | 2.86 | 2.95 | 55.3 | 2.92 |
| Year 2024 | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | -- | 72,977 | 70,824 | 3.61 | 3.72 | 53.6 | 3.57 |
| February | 0 | 0 | -- | -- | -- | -- | 63,201 | 61,384 | 2.58 | 2.66 | 54.1 | 2.70 |
| March | 0 | 0 | -- | -- | -- | -- | 64,810 | 63,040 | 1.82 | 1.87 | 54.8 | 2.05 |
| April | 0 | 0 | -- | -- | -- | -- | 65,018 | 63,309 | 1.94 | 1.99 | 56.4 | 2.07 |
| May | 0 | 0 | -- | -- | -- | -- | 64,149 | 62,385 | 1.97 | 2.03 | 55.4 | 2.11 |
| Year to Date | | | | | | | | | | | | |
| 2022 | 0 | 0 | -- | -- | -- | 0.0 | 348,195 | 338,691 | 5.71 | 5.87 | 59.8 | 5.29 |
| 2023 | 0 | 0 | -- | -- | -- | -- | 322,809 | 314,078 | 3.17 | 3.26 | 55.4 | 3.28 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 330,155 | 320,942 | 2.42 | 2.48 | 54.8 | 2.52 |
| Rolling 12 Months Ending in May | | | | | | | | | | | | |
| 2023 | 82 | 3 | 4.46 | 124.88 | 5.99 | 0.4 | 810,042 | 788,249 | 5.53 | 5.68 | 57.3 | 5.23 |
| 2024 | 0 | 0 | -- | -- | -- | -- | 794,780 | 772,672 | 2.65 | 2.73 | 54.8 | 2.74 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:
PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
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- See the Technical Notes for fuel conversion factors.
- Totals may not equal the sum of components because of independent rounding.

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## Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, May 2024 and 2023
## (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 3 | 3 | -6.5% | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 3 | 3 | -6.5% | 0 | 0 | 3 | 3 | 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 | 406 | 495 | -18.0% | 0 | 0 | 395 | 484 | 0 | 0 | 11 | 11 |
| 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 | 406 | 495 | -18.0% | 0 | 0 | 395 | 484 | 0 | 0 | 11 | 11 |
| East North Central | 5,762 | 6,870 | -16.0% | 3,748 | 4,125 | 1,911 | 2,605 | 0 | 0 | 102 | 140 |
| Illinois | 1,503 | 1,686 | -11.0% | 230 | 383 | 1,171 | 1,162 | 0 | 0 | 102 | 140 |
| Indiana | 1,261 | 1,776 | -29.0% | 1,132 | 1,570 | 129 | 206 | 0 | 0 | 0 | 0 |
| Michigan | 1,584 | 1,360 | 16.0% | 1,584 | 1,347 | 0 | 13 | 0 | 0 | 0 | 0 |
| Ohio | 867 | 1,432 | -39.0% | 256 | 208 | 611 | 1,224 | 0 | 0 | 0 | 0 |
| Wisconsin | 546 | 617 | -11.0% | 546 | 617 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 4,807 | 6,527 | -26.0% | 4,568 | 6,306 | 0 | 0 | 0 | 0 | 239 | 221 |
| Iowa | 600 | 976 | -38.0% | 408 | 801 | 0 | 0 | 0 | 0 | 192 | 175 |
| Kansas | 500 | 626 | -20.0% | 500 | 626 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 289 | 598 | -52.0% | 289 | 598 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 1,293 | 1,913 | -32.0% | 1,293 | 1,913 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 524 | 888 | -41.0% | 477 | 842 | 0 | 0 | 0 | 0 | 47 | 46 |
| North Dakota | 1,540 | 1,482 | 3.9% | 1,540 | 1,482 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 62 | 44 | 39.0% | 62 | 44 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 3,869 | 4,026 | -3.9% | 3,575 | 3,650 | 275 | 327 | 0 | 0 | 19 | 49 |
| 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 | 305 | 599 | -49.0% | 305 | 589 | 0 | 0 | 0 | 0 | 0 | 10 |
| Georgia | 612 | 801 | -24.0% | 600 | 783 | 0 | 0 | 0 | 0 | 12 | 19 |
| Maryland | 52 | 24 | 118.0% | 0 | 0 | 52 | 24 | 0 | 0 | 0 | 0 |
| North Carolina | 672 | 296 | 127.0% | 672 | 285 | 0 | 0 | 0 | 0 | 0 | 11 |
| South Carolina | 509 | 697 | -27.0% | 509 | 677 | 0 | 20 | 0 | 0 | 0 | 0 |
| Virginia | 71 | 111 | -36.0% | 64 | 101 | 0 | 0 | 0 | 0 | 7 | 10 |
| West Virginia | 1,648 | 1,498 | 10.0% | 1,425 | 1,215 | 223 | 284 | 0 | 0 | 0 | 0 |
| East South Central | 3,846 | 4,181 | -8.0% | 3,616 | 3,845 | 170 | 291 | 0 | 0 | 60 | 45 |
| Alabama | 964 | 1,122 | -14.0% | 964 | 1,122 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 2,389 | 2,422 | -1.3% | 2,389 | 2,422 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 243 | 402 | -40.0% | 73 | 111 | 170 | 291 | 0 | 0 | 0 | 0 |
| Tennessee | 250 | 236 | 6.4% | 190 | 190 | 0 | 0 | 0 | 0 | 60 | 45 |
| West South Central | 4,074 | 6,335 | -36.0% | 1,555 | 2,926 | 2,517 | 3,391 | 0 | 0 | 2 | 18 |
| Arkansas | 617 | 1,038 | -41.0% | 551 | 844 | 65 | 191 | 0 | 0 | 2 | 3 |
| Louisiana | 207 | 587 | -65.0% | 80 | 265 | 127 | 322 | 0 | 0 | 0 | 0 |
| Oklahoma | 111 | 212 | -48.0% | 111 | 198 | 0 | 0 | 0 | 0 | 0 | 14 |
| Texas | 3,139 | 4,498 | -30.0% | 814 | 1,619 | 2,326 | 2,879 | 0 | 0 | 0 | 0 |
| Mountain | 3,786 | 4,754 | -20.0% | 3,520 | 4,281 | 266 | 473 | 0 | 0 | 0 | 0 |
| Arizona | 405 | 791 | -49.0% | 405 | 791 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 832 | 1,111 | -25.0% | 832 | 1,111 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 135 | 344 | -61.0% | 0 | 0 | 135 | 344 | 0 | 0 | 0 | 0 |
| Nevada | 160 | 127 | 26.0% | 87 | 78 | 73 | 50 | 0 | 0 | 0 | 0 |
| New Mexico | 393 | 288 | 37.0% | 393 | 288 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 847 | 634 | 34.0% | 807 | 598 | 40 | 36 | 0 | 0 | 0 | 0 |
| Wyoming | 1,014 | 1,458 | -30.0% | 997 | 1,416 | 18 | 43 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 216 | 337 | -36.0% | 0 | 0 | 168 | 301 | 0 | 0 | 47 | 36 |
| California | 47 | 36 | 33.0% | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 36 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 168 | 301 | -44.0% | 0 | 0 | 168 | 301 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 51 | 30 | 72.0% | 51 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 51 | 30 | 72.0% | 51 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 26,820 | 33,557 | -20.0% | 20,633 | 25,161 | 5,706 | 7,876 | 0 | 0 | 481 | 520 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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) May 2024 and 2023
## (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 19 | 85 | -78.0% | 0 | 0 | 19 | 85 | 0 | 0 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 19 | 31 | -39.0% | 0 | 0 | 19 | 31 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Hampshire | 0 | 54 | -100.0% | 0 | 0 | 0 | 54 | 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 | 2,671 | 2,747 | -2.7% | 0 | 0 | 2,640 | 2,702 | 0 | 0 | 32 | 45 |
| 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 | 2,671 | 2,747 | -2.7% | 0 | 0 | 2,640 | 2,702 | 0 | 0 | 32 | 45 |
| East North Central | 26,651 | 36,295 | -27.0% | 16,719 | 21,888 | 9,346 | 13,727 | 0 | 0 | 586 | 680 |
| Illinois | 7,745 | 10,350 | -25.0% | 1,004 | 2,246 | 6,156 | 7,424 | 0 | 0 | 586 | 680 |
| Indiana | 6,761 | 9,368 | -28.0% | 6,184 | 8,417 | 577 | 951 | 0 | 0 | 0 | 0 |
| Michigan | 4,885 | 5,728 | -15.0% | 4,885 | 5,690 | 0 | 38 | 0 | 0 | 0 | 0 |
| Ohio | 3,461 | 6,419 | -46.0% | 848 | 1,105 | 2,614 | 5,314 | 0 | 0 | 0 | 0 |
| Wisconsin | 3,798 | 4,430 | -14.0% | 3,798 | 4,430 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 30,224 | 38,845 | -22.0% | 29,102 | 37,744 | 0 | 0 | 6 | 2 | 1,116 | 1,099 |
| Iowa | 4,123 | 5,373 | -23.0% | 3,258 | 4,564 | 0 | 0 | 0 | 0 | 865 | 809 |
| Kansas | 3,129 | 4,893 | -36.0% | 3,129 | 4,893 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 2,749 | 3,847 | -29.0% | 2,749 | 3,847 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 7,736 | 11,603 | -33.0% | 7,730 | 11,602 | 0 | 0 | 6 | 2 | 0 | 0 |
| Nebraska | 3,749 | 4,644 | -19.0% | 3,498 | 4,354 | 0 | 0 | 0 | 0 | 251 | 290 |
| North Dakota | 8,369 | 8,250 | 1.4% | 8,369 | 8,250 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 368 | 234 | 58.0% | 368 | 234 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 18,741 | 21,785 | -14.0% | 17,427 | 18,959 | 1,194 | 2,556 | 0 | 0 | 120 | 270 |
| Delaware | 0 | 24 | -100.0% | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,561 | 2,802 | -44.0% | 1,551 | 2,782 | 0 | 0 | 0 | 0 | 10 | 20 |
| Georgia | 3,412 | 3,838 | -11.0% | 3,366 | 3,770 | 0 | 0 | 0 | 0 | 46 | 68 |
| Maryland | 175 | 458 | -62.0% | 0 | 0 | 175 | 458 | 0 | 0 | 0 | 0 |
| North Carolina | 2,932 | 1,999 | 47.0% | 2,932 | 1,922 | 0 | 0 | 0 | 0 | 0 | 77 |
| South Carolina | 3,110 | 3,192 | -2.6% | 3,103 | 3,089 | 0 | 82 | 0 | 0 | 7 | 22 |
| Virginia | 367 | 548 | -33.0% | 310 | 467 | 0 | 0 | 0 | 0 | 57 | 81 |
| West Virginia | 7,184 | 8,923 | -19.0% | 6,166 | 6,930 | 1,019 | 1,993 | 0 | 0 | 0 | 0 |
| East South Central | 18,277 | 20,592 | -11.0% | 17,219 | 19,031 | 710 | 1,315 | 0 | 0 | 349 | 245 |
| Alabama | 4,554 | 5,620 | -19.0% | 4,554 | 5,620 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 11,014 | 11,992 | -8.2% | 11,014 | 11,992 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1,189 | 1,817 | -35.0% | 479 | 502 | 710 | 1,315 | 0 | 0 | 0 | 0 |
| Tennessee | 1,520 | 1,162 | 31.0% | 1,171 | 916 | 0 | 0 | 0 | 0 | 349 | 245 |
| West South Central | 23,345 | 30,936 | -25.0% | 10,137 | 15,149 | 13,176 | 15,678 | 0 | 0 | 32 | 109 |
| Arkansas | 3,596 | 4,598 | -22.0% | 3,090 | 3,660 | 490 | 914 | 0 | 0 | 16 | 24 |
| Louisiana | 1,426 | 2,427 | -41.0% | 762 | 1,227 | 664 | 1,200 | 0 | 0 | 0 | 0 |
| Oklahoma | 953 | 2,122 | -55.0% | 938 | 2,037 | 0 | 0 | 0 | 0 | 15 | 85 |
| Texas | 17,369 | 21,789 | -20.0% | 5,347 | 8,225 | 12,023 | 13,563 | 0 | 0 | 0 | 0 |
| Mountain | 20,819 | 23,630 | -12.0% | 18,009 | 20,339 | 2,810 | 3,291 | 0 | 0 | 0 | 0 |
| Arizona | 2,519 | 3,693 | -32.0% | 2,519 | 3,693 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 3,397 | 4,985 | -32.0% | 3,397 | 4,985 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 2,219 | 2,690 | -18.0% | 0 | 0 | 2,219 | 2,690 | 0 | 0 | 0 | 0 |
| Nevada | 701 | 511 | 37.0% | 467 | 257 | 234 | 254 | 0 | 0 | 0 | 0 |
| New Mexico | 1,955 | 1,587 | 23.0% | 1,955 | 1,587 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 3,960 | 3,527 | 12.0% | 3,804 | 3,381 | 156 | 147 | 0 | 0 | 0 | 0 |
| Wyoming | 6,068 | 6,637 | -8.6% | 5,866 | 6,437 | 202 | 200 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 928 | 1,550 | -40.0% | 0 | 0 | 684 | 1,319 | 0 | 0 | 244 | 232 |
| California | 244 | 232 | 5.3% | 0 | 0 | 0 | 0 | 0 | 0 | 244 | 232 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 684 | 1,319 | -48.0% | 0 | 0 | 684 | 1,319 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 178 | 141 | 26.0% | 178 | 141 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 178 | 141 | 26.0% | 178 | 141 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 141,853 | 176,605 | -20.0% | 108,791 | 133,250 | 30,578 | 40,673 | 6 | 2 | 2,477 | 2,680 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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, May 2024 and 2023
## (Thousand Barrels)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 2 | 18 | -86.0% | 0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 |
| Connecticut | 1 | 16 | -97.0% | 0 | 0 | 1 | 16 | 0 | 0 | 0 | 0 |
| Maine | 2 | 2 | -11.0% | 0 | 0 | 2 | 2 | 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 | 11 | 10 | 19.0% | 0 | 0 | 6 | 5 | 0 | 0 | 6 | 5 |
| New Jersey | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 0 | 1 | -100.0% | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Pennsylvania | 11 | 9 | 32.0% | 0 | 0 | 6 | 4 | 0 | 0 | 6 | 5 |
| East North Central | 56 | 75 | -25.0% | 31 | 47 | 24 | 19 | 0 | 0 | 1 | 8 |
| Illinois | 4 | 6 | -28.0% | 0 | 1 | 4 | 5 | 0 | 0 | 0 | 0 |
| Indiana | 13 | 14 | -5.8% | 13 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 15 | 34 | -57.0% | 14 | 31 | 0 | 0 | 0 | 0 | 0 | 3 |
| Ohio | 21 | 21 | -0.7% | 1 | 1 | 20 | 14 | 0 | 0 | 0 | 6 |
| Wisconsin | 3 | 0 | 861.0% | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 40 | 47 | -14.0% | 40 | 47 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 4 | 10 | -66.0% | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 14 | 14 | 3.1% | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 2 | 5 | -64.0% | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 14 | 12 | 19.0% | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 2 | 2 | -13.0% | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 5 | 4 | 21.0% | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 176 | 200 | -12.0% | 85 | 155 | 77 | 8 | 0 | 0 | 14 | 37 |
| Delaware | 1 | 0 | -- | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 30 | 107 | -72.0% | 29 | 107 | 0 | 0 | 0 | 0 | 0 | 1 |
| Georgia | 20 | 16 | 27.0% | 11 | 7 | 0 | 0 | 0 | 0 | 9 | 9 |
| Maryland | 76 | 6 | NM | 0 | 0 | 76 | 6 | 0 | 0 | 0 | 0 |
| North Carolina | 3 | 16 | -80.0% | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 13 |
| South Carolina | 14 | 21 | -35.0% | 12 | 10 | 0 | 0 | 0 | 0 | 2 | 10 |
| Virginia | 18 | 6 | 214.0% | 15 | 0 | 0 | 2 | 0 | 0 | 3 | 4 |
| West Virginia | 15 | 29 | -49.0% | 15 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 12 | 15 | -20.0% | 12 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 8 | 9 | -6.0% | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1 | 0 | -- | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 3 | 6 | -58.0% | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 25 | 16 | 61.0% | 18 | 10 | 7 | 5 | 0 | 0 | 0 | 0 |
| Arkansas | 10 | 3 | 233.0% | 7 | 3 | 3 | 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 | 13 | 20.0% | 11 | 8 | 4 | 5 | 0 | 0 | 0 | 0 |
| Mountain | 15 | 23 | -35.0% | 10 | 22 | 4 | 1 | 0 | 0 | 0 | 0 |
| Arizona | 2 | 7 | -74.0% | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 1 | 0 | 129.0% | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 4 | 0 | -- | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 1 | 1 | 97.0% | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 3 | -92.0% | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wyoming | 7 | 11 | -40.0% | 7 | 11 | 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 | 732 | 825 | -11.0% | 548 | 649 | 184 | 176 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 3 | -92.0% | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 732 | 822 | -11.0% | 548 | 646 | 184 | 176 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,070 | 1,228 | -13.0% | 744 | 945 | 305 | 232 | 0 | 0 | 21 | 51 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Liquids includes distillate and residual fuel oils.
See the Technical Notes for fuel conversion factors.

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) May 2024 and 2023
## (Thousand Barrels)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 110 | 490 | -78.0% | 0 | 0 | 110 | 490 | 0 | 0 | 0 | 0 |
| Connecticut | 31 | 16 | 93.0% | 0 | 0 | 31 | 16 | 0 | 0 | 0 | 0 |
| Maine | 18 | 174 | -90.0% | 0 | 0 | 18 | 174 | 0 | 0 | 0 | 0 |
| Massachusetts | 5 | 209 | -98.0% | 0 | 0 | 5 | 209 | 0 | 0 | 0 | 0 |
| New Hampshire | 56 | 66 | -15.0% | 0 | 0 | 56 | 66 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 24 | -100.0% | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 163 | 417 | -61.0% | 48 | 178 | 90 | 211 | 0 | 0 | 25 | 28 |
| New Jersey | 1 | 12 | -90.0% | 0 | 0 | 1 | 12 | 0 | 0 | 0 | 0 |
| New York | 106 | 320 | -67.0% | 48 | 178 | 58 | 143 | 0 | 0 | 0 | 0 |
| Pennsylvania | 56 | 85 | -34.0% | 0 | 0 | 31 | 57 | 0 | 0 | 25 | 28 |
| East North Central | 294 | 384 | -23.0% | 153 | 258 | 120 | 101 | 0 | 0 | 21 | 24 |
| Illinois | 26 | 22 | 21.0% | 1 | 3 | 25 | 18 | 0 | 0 | 0 | 0 |
| Indiana | 59 | 68 | -14.0% | 59 | 68 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 76 | 137 | -45.0% | 71 | 127 | 0 | 0 | 0 | 0 | 4 | 10 |
| Ohio | 123 | 150 | -18.0% | 12 | 53 | 94 | 83 | 0 | 0 | 17 | 14 |
| Wisconsin | 10 | 7 | 38.0% | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 335 | 320 | 4.7% | 335 | 320 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 44 | 41 | 6.7% | 44 | 41 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 101 | 51 | 97.0% | 101 | 51 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 5 | 18 | -71.0% | 5 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 127 | 141 | -10.0% | 127 | 141 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 8 | 4 | 123.0% | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 44 | 56 | -22.0% | 44 | 56 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 6 | 8 | -29.0% | 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 600 | 1,441 | -58.0% | 350 | 1,024 | 148 | 189 | 0 | 0 | 102 | 227 |
| Delaware | 3 | 2 | 89.0% | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 77 | 487 | -84.0% | 66 | 421 | 0 | 55 | 0 | 0 | 11 | 11 |
| Georgia | 100 | 217 | -54.0% | 34 | 120 | 2 | 0 | 0 | 0 | 64 | 96 |
| Maryland | 127 | 43 | 198.0% | 0 | 0 | 127 | 43 | 0 | 0 | 0 | 0 |
| North Carolina | 65 | 233 | -72.0% | 65 | 151 | 0 | 0 | 0 | 0 | 0 | 82 |
| South Carolina | 67 | 98 | -32.0% | 58 | 67 | 0 | 10 | 0 | 0 | 8 | 21 |
| Virginia | 80 | 211 | -62.0% | 46 | 140 | 15 | 55 | 0 | 0 | 19 | 17 |
| West Virginia | 81 | 150 | -46.0% | 81 | 125 | 0 | 25 | 0 | 0 | 0 | 0 |
| East South Central | 70 | 300 | -77.0% | 68 | 296 | 0 | 0 | 0 | 0 | 2 | 4 |
| Alabama | 8 | 39 | -79.0% | 8 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 45 | 90 | -50.0% | 45 | 90 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 6 | 1 | 400.0% | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 10 | 170 | -94.0% | 9 | 166 | 0 | 0 | 0 | 0 | 2 | 4 |
| West South Central | 96 | 81 | 19.0% | 67 | 50 | 29 | 31 | 0 | 0 | 0 | 0 |
| Arkansas | 24 | 30 | -21.0% | 14 | 22 | 9 | 8 | 0 | 0 | 0 | 0 |
| Louisiana | 3 | 0 | -- | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 4 | 4 | 1.5% | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 66 | 47 | 41.0% | 47 | 24 | 20 | 23 | 0 | 0 | 0 | 0 |
| Mountain | 90 | 109 | -17.0% | 74 | 102 | 16 | 7 | 0 | 0 | 0 | 0 |
| Arizona | 17 | 17 | -2.5% | 17 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 8 | 11 | -27.0% | 8 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 26 | 3 | 788.0% | 12 | 0 | 14 | 3 | 0 | 0 | 0 | 0 |
| Nevada | 4 | 5 | -8.5% | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 13 | 31 | -59.0% | 12 | 28 | 1 | 3 | 0 | 0 | 0 | 0 |
| Wyoming | 23 | 42 | -46.0% | 23 | 42 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 18 | 35 | -50.0% | 13 | 32 | 5 | 3 | 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 | 18 | 35 | -50.0% | 13 | 32 | 5 | 3 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 4,008 | 3,862 | 3.8% | 3,216 | 3,116 | 792 | 746 | 0 | 0 | 0 | 0 |
| Alaska | 5 | 9 | -48.0% | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 4,003 | 3,853 | 3.9% | 3,211 | 3,107 | 792 | 746 | 0 | 0 | 0 | 0 |
| U.S. Total | 5,783 | 7,438 | -22.0% | 4,324 | 5,375 | 1,310 | 1,779 | 0 | 0 | 149 | 283 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Liquids includes distillate and residual fuel oils.
See the Technical Notes for fuel conversion factors.

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, May 2024 and 2023
## (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| 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 | 57 | 63 | -9.5% | 57 | 63 | 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 | 57 | 60 | -5.4% | 57 | 60 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 3 | -100.0% | 0 | 3 | 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 | 13 | 0 | -- | 13 | 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 | 13 | 0 | -- | 13 | 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 | 8 | 9 | -18.0% | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 8 | 9 | -18.0% | 8 | 9 | 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 | 78 | 72 | 8.3% | 78 | 72 | 0 | 0 | 0 | 0 | 0 | 0 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas.
See the Technical Notes for fuel conversion factors.

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) May 2024 and 2023
## (Thousand Tons)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 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 | 216 | 239 | -9.8% | 216 | 239 | 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 | 213 | 226 | -6.1% | 213 | 226 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 3 | 13 | -76.0% | 3 | 13 | 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 | 13 | 190 | -93.0% | 13 | 190 | 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 | 13 | 190 | -93.0% | 13 | 190 | 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 | 8 | 295 | -97.0% | 8 | 295 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 8 | 295 | -97.0% | 8 | 295 | 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 | 237 | 724 | -67.0% | 237 | 724 | 0 | 0 | 0 | 0 | 0 | 0 |

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W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas.
See the Technical Notes for fuel conversion factors.

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, May 2024 and 2023
## (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 22,911 | 24,659 | -7.1% | 0 | 0 | 22,911 | 24,659 | 0 | 0 | 0 | 0 |
| Connecticut | 11,157 | 11,138 | 0.2% | 0 | 0 | 11,157 | 11,138 | 0 | 0 | 0 | 0 |
| Maine | 1,282 | 1,485 | -14.0% | 0 | 0 | 1,282 | 1,485 | 0 | 0 | 0 | 0 |
| Massachusetts | 5,022 | 6,979 | -28.0% | 0 | 0 | 5,022 | 6,979 | 0 | 0 | 0 | 0 |
| New Hampshire | 2,310 | 1,877 | 23.0% | 0 | 0 | 2,310 | 1,877 | 0 | 0 | 0 | 0 |
| Rhode Island | 3,140 | 3,181 | -1.3% | 0 | 0 | 3,140 | 3,181 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 123,748 | 113,146 | 9.4% | 8,300 | 7,031 | 113,767 | 104,167 | 0 | 0 | 1,682 | 1,949 |
| New Jersey | 13,405 | 18,096 | -26.0% | 0 | 0 | 13,405 | 18,096 | 0 | 0 | 0 | 0 |
| New York | 32,692 | 28,067 | 16.0% | 8,300 | 7,031 | 23,829 | 20,516 | 0 | 0 | 563 | 520 |
| Pennsylvania | 77,651 | 66,983 | 16.0% | 0 | 0 | 76,532 | 65,555 | 0 | 0 | 1,119 | 1,428 |
| East North Central | 111,970 | 104,912 | 6.7% | 44,206 | 40,124 | 66,182 | 63,203 | 365 | 476 | 1,217 | 1,109 |
| Illinois | 8,249 | 8,046 | 2.5% | 1,242 | 1,367 | 7,004 | 6,675 | 0 | 0 | 4 | 4 |
| Indiana | 19,042 | 17,616 | 8.1% | 9,985 | 10,673 | 9,057 | 6,943 | 0 | 0 | 0 | 0 |
| Michigan | 33,965 | 28,540 | 19.0% | 15,025 | 12,598 | 18,284 | 15,093 | 365 | 476 | 291 | 373 |
| Ohio | 35,942 | 37,948 | -5.3% | 4,149 | 3,508 | 31,187 | 33,949 | 0 | 0 | 606 | 491 |
| Wisconsin | 14,771 | 12,761 | 16.0% | 13,806 | 11,977 | 650 | 543 | 0 | 0 | 316 | 241 |
| West North Central | 16,828 | 15,581 | 8.0% | 15,628 | 13,458 | 591 | 1,403 | 189 | 249 | 419 | 471 |
| Iowa | 4,847 | 5,517 | -12.0% | 4,428 | 5,046 | 0 | 0 | 0 | 0 | 419 | 471 |
| Kansas | 3,426 | 2,939 | 17.0% | 3,426 | 2,939 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 3,366 | 2,412 | 40.0% | 3,280 | 1,563 | 86 | 848 | 0 | 1 | 0 | 0 |
| Missouri | 4,307 | 4,007 | 7.5% | 3,612 | 3,204 | 506 | 555 | 189 | 248 | 0 | 0 |
| Nebraska | 273 | 177 | 54.0% | 273 | 177 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 280 | 157 | 78.0% | 280 | 157 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 329 | 372 | -12.0% | 329 | 372 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 240,173 | 232,300 | 3.4% | 203,046 | 197,966 | 33,828 | 31,313 | 0 | 0 | 3,299 | 3,021 |
| Delaware | 791 | 1,159 | -32.0% | 0 | 0 | 791 | 1,159 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 132,288 | 118,915 | 11.0% | 126,097 | 114,744 | 5,771 | 3,771 | 0 | 0 | 419 | 400 |
| Georgia | 29,077 | 34,979 | -17.0% | 24,824 | 28,445 | 3,348 | 5,736 | 0 | 0 | 905 | 798 |
| Maryland | 6,959 | 6,732 | 3.4% | 612 | 676 | 6,347 | 6,056 | 0 | 0 | 0 | 0 |
| North Carolina | 28,124 | 28,614 | -1.7% | 23,537 | 24,097 | 4,586 | 4,325 | 0 | 0 | 0 | 192 |
| South Carolina | 14,782 | 16,764 | -12.0% | 14,287 | 16,458 | 268 | 76 | 0 | 0 | 227 | 230 |
| Virginia | 24,920 | 22,046 | 13.0% | 13,489 | 12,819 | 10,314 | 8,103 | 0 | 0 | 1,117 | 1,123 |
| West Virginia | 3,234 | 3,091 | 4.6% | 201 | 726 | 2,402 | 2,087 | 0 | 0 | 631 | 277 |
| East South Central | 87,445 | 83,936 | 4.2% | 67,539 | 59,555 | 17,521 | 22,211 | 0 | 0 | 2,385 | 2,170 |
| Alabama | 32,876 | 33,231 | -1.1% | 16,159 | 11,498 | 16,717 | 21,733 | 0 | 0 | 0 | 0 |
| Kentucky | 11,776 | 9,384 | 25.0% | 10,979 | 8,924 | 797 | 460 | 0 | 0 | 0 | 0 |
| Mississippi | 35,008 | 29,747 | 18.0% | 35,001 | 29,729 | 6 | 18 | 0 | 0 | 0 | 0 |
| Tennessee | 7,785 | 11,574 | -33.0% | 5,400 | 9,405 | 0 | 0 | 0 | 0 | 2,385 | 2,170 |
| West South Central | 275,668 | 274,150 | 0.6% | 94,874 | 92,823 | 129,742 | 130,150 | 0 | 0 | 51,051 | 51,177 |
| Arkansas | 11,362 | 13,592 | -16.0% | 10,263 | 12,600 | 918 | 789 | 0 | 0 | 181 | 203 |
| Louisiana | 50,969 | 49,252 | 3.5% | 28,774 | 28,761 | 4,525 | 4,703 | 0 | 0 | 17,670 | 15,788 |
| Oklahoma | 27,396 | 27,159 | 0.9% | 18,954 | 16,508 | 7,859 | 10,042 | 0 | 0 | 582 | 608 |
| Texas | 185,942 | 184,147 | 1.0% | 36,884 | 34,953 | 116,440 | 114,616 | 0 | 0 | 32,618 | 34,578 |
| Mountain | 67,173 | 67,134 | 0.1% | 53,321 | 53,408 | 13,822 | 13,725 | 0 | 0 | 31 | 0 |
| Arizona | 29,638 | 30,694 | -3.4% | 19,860 | 21,352 | 9,779 | 9,343 | 0 | 0 | 0 | 0 |
| Colorado | 9,267 | 8,268 | 12.0% | 7,857 | 6,579 | 1,410 | 1,689 | 0 | 0 | 0 | 0 |
| Idaho | 19 | 0 | -- | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 294 | 194 | 52.0% | 294 | 194 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 12,325 | 13,349 | -7.7% | 12,325 | 13,349 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 7,649 | 8,163 | -6.3% | 5,017 | 5,469 | 2,632 | 2,693 | 0 | 0 | 0 | 0 |
| Utah | 5,374 | 5,434 | -1.1% | 5,343 | 5,434 | 0 | 0 | 0 | 0 | 31 | 0 |
| Wyoming | 2,607 | 1,032 | 152.0% | 2,605 | 1,032 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 26,864 | 24,912 | 7.8% | 9,300 | 9,847 | 15,263 | 12,793 | 0 | 0 | 2,301 | 2,272 |
| California | 21,760 | 21,075 | 3.2% | 6,637 | 7,292 | 12,823 | 11,511 | 0 | 0 | 2,301 | 2,272 |
| Oregon | 3,859 | 2,793 | 38.0% | 1,419 | 1,568 | 2,440 | 1,226 | 0 | 0 | 0 | 0 |
| Washington | 1,245 | 1,043 | 19.0% | 1,245 | 986 | 0 | 57 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 7 | 6 | 20.0% | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 7 | 6 | 20.0% | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 972,787 | 940,736 | 3.4% | 496,222 | 474,217 | 413,626 | 403,626 | 554 | 726 | 62,385 | 62,168 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form 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) May 2024 and 2023
## (Million Cubic Feet)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 128,828 | 126,200 | 2.1% | 0 | 0 | 128,828 | 126,200 | 0 | 0 | 0 | 0 |
| Connecticut | 59,904 | 60,962 | -1.7% | 0 | 0 | 59,904 | 60,962 | 0 | 0 | 0 | 0 |
| Maine | 7,877 | 4,972 | 58.0% | 0 | 0 | 7,877 | 4,972 | 0 | 0 | 0 | 0 |
| Massachusetts | 40,047 | 36,978 | 8.3% | 0 | 0 | 40,047 | 36,978 | 0 | 0 | 0 | 0 |
| New Hampshire | 10,355 | 10,173 | 1.8% | 0 | 0 | 10,355 | 10,173 | 0 | 0 | 0 | 0 |
| Rhode Island | 10,645 | 13,115 | -19.0% | 0 | 0 | 10,645 | 13,115 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 614,434 | 580,922 | 5.8% | 39,921 | 35,036 | 564,772 | 535,620 | 0 | 0 | 9,741 | 10,266 |
| New Jersey | 78,674 | 74,600 | 5.5% | 0 | 0 | 78,674 | 74,600 | 0 | 0 | 0 | 0 |
| New York | 163,382 | 140,241 | 17.0% | 39,921 | 35,036 | 120,458 | 102,394 | 0 | 0 | 3,003 | 2,811 |
| Pennsylvania | 372,378 | 366,081 | 1.7% | 0 | 0 | 365,640 | 358,627 | 0 | 0 | 6,739 | 7,454 |
| East North Central | 563,370 | 507,697 | 11.0% | 194,627 | 181,092 | 360,265 | 317,809 | 2,170 | 2,477 | 6,308 | 6,319 |
| Illinois | 48,909 | 42,120 | 16.0% | 7,428 | 5,624 | 41,448 | 36,474 | 0 | 0 | 33 | 22 |
| Indiana | 95,890 | 90,006 | 6.5% | 46,192 | 46,889 | 49,698 | 43,117 | 0 | 0 | 0 | 0 |
| Michigan | 151,969 | 138,011 | 10.0% | 53,102 | 46,899 | 94,672 | 86,343 | 2,170 | 2,477 | 2,024 | 2,292 |
| Ohio | 201,513 | 173,604 | 16.0% | 25,871 | 20,692 | 173,086 | 150,363 | 0 | 0 | 2,557 | 2,549 |
| Wisconsin | 65,090 | 63,956 | 1.8% | 62,035 | 60,988 | 1,361 | 1,512 | 0 | 0 | 1,694 | 1,457 |
| West North Central | 71,944 | 60,892 | 18.0% | 63,450 | 50,738 | 5,432 | 7,241 | 893 | 969 | 2,168 | 1,945 |
| Iowa | 18,489 | 21,739 | -15.0% | 16,321 | 19,795 | 0 | 0 | 0 | 0 | 2,168 | 1,945 |
| Kansas | 14,806 | 9,529 | 55.0% | 14,806 | 9,529 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 16,452 | 11,815 | 39.0% | 14,974 | 10,157 | 1,473 | 1,651 | 5 | 6 | 0 | 0 |
| Missouri | 18,250 | 15,285 | 19.0% | 13,403 | 8,733 | 3,959 | 5,589 | 888 | 963 | 0 | 0 |
| Nebraska | 709 | 553 | 28.0% | 709 | 553 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 1,689 | 1,034 | 63.0% | 1,689 | 1,034 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 1,549 | 936 | 65.0% | 1,549 | 936 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,065,406 | 1,061,915 | 0.3% | 895,171 | 899,078 | 154,069 | 147,263 | 0 | 0 | 16,166 | 15,574 |
| Delaware | 5,999 | 7,442 | -19.0% | 0 | 0 | 5,999 | 7,442 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 512,670 | 498,378 | 2.9% | 492,092 | 478,780 | 18,720 | 18,064 | 0 | 0 | 1,858 | 1,534 |
| Georgia | 135,861 | 154,621 | -12.0% | 111,361 | 124,940 | 19,754 | 25,315 | 0 | 0 | 4,746 | 4,366 |
| Maryland | 34,845 | 40,183 | -13.0% | 7,219 | 11,841 | 27,625 | 28,342 | 0 | 0 | 0 | 0 |
| North Carolina | 142,906 | 155,084 | -7.9% | 121,723 | 132,716 | 21,183 | 21,283 | 0 | 0 | 0 | 1,084 |
| South Carolina | 60,310 | 72,901 | -17.0% | 58,182 | 71,628 | 1,085 | 345 | 0 | 0 | 1,043 | 928 |
| Virginia | 160,505 | 123,748 | 30.0% | 103,887 | 78,212 | 50,956 | 40,478 | 0 | 0 | 5,662 | 5,058 |
| West Virginia | 12,310 | 9,557 | 29.0% | 706 | 960 | 8,747 | 5,994 | 0 | 0 | 2,856 | 2,604 |
| East South Central | 404,739 | 383,154 | 5.6% | 312,882 | 271,107 | 80,036 | 101,121 | 0 | 0 | 11,821 | 10,926 |
| Alabama | 145,408 | 148,604 | -2.2% | 68,015 | 48,917 | 77,393 | 99,687 | 0 | 0 | 0 | 0 |
| Kentucky | 44,212 | 35,194 | 26.0% | 41,613 | 33,829 | 2,599 | 1,366 | 0 | 0 | 0 | 0 |
| Mississippi | 164,893 | 148,970 | 11.0% | 164,850 | 148,902 | 43 | 68 | 0 | 0 | 0 | 0 |
| Tennessee | 50,226 | 50,386 | -0.3% | 38,405 | 39,459 | 0 | 0 | 0 | 0 | 11,821 | 10,926 |
| West South Central | 1,199,234 | 1,127,945 | 6.3% | 389,448 | 358,064 | 545,514 | 510,809 | 0 | 0 | 264,272 | 259,073 |
| Arkansas | 46,253 | 59,035 | -22.0% | 39,929 | 53,754 | 4,925 | 4,137 | 0 | 0 | 1,399 | 1,143 |
| Louisiana | 225,456 | 207,724 | 8.5% | 127,706 | 112,351 | 12,735 | 14,321 | 0 | 0 | 85,015 | 81,052 |
| Oklahoma | 117,418 | 100,569 | 17.0% | 81,925 | 63,029 | 32,796 | 34,676 | 0 | 0 | 2,697 | 2,864 |
| Texas | 810,107 | 760,618 | 6.5% | 139,889 | 128,930 | 495,058 | 457,674 | 0 | 0 | 175,160 | 174,013 |
| Mountain | 328,080 | 324,717 | 1.0% | 276,158 | 270,655 | 51,717 | 54,031 | 0 | 0 | 205 | 31 |
| Arizona | 128,244 | 131,843 | -2.7% | 94,060 | 96,128 | 34,185 | 35,714 | 0 | 0 | 0 | 0 |
| Colorado | 53,162 | 50,140 | 6.0% | 45,128 | 42,182 | 8,033 | 7,958 | 0 | 0 | 0 | 0 |
| Idaho | 4,625 | 3,450 | 34.0% | 4,625 | 3,450 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 1,991 | 2,892 | -31.0% | 1,991 | 2,892 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 63,842 | 64,267 | -0.7% | 63,842 | 64,267 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 36,120 | 37,638 | -4.0% | 26,625 | 27,283 | 9,496 | 10,355 | 0 | 0 | 0 | 0 |
| Utah | 30,332 | 29,994 | 1.1% | 30,127 | 29,963 | 0 | 0 | 0 | 0 | 205 | 31 |
| Wyoming | 9,764 | 4,493 | 117.0% | 9,761 | 4,489 | 3 | 3 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 249,598 | 258,591 | -3.5% | 92,454 | 94,078 | 146,884 | 154,568 | 0 | 0 | 10,260 | 9,945 |
| California | 174,308 | 187,291 | -6.9% | 54,101 | 57,692 | 109,947 | 119,654 | 0 | 0 | 10,260 | 9,945 |
| Oregon | 48,011 | 43,607 | 10.0% | 17,894 | 17,961 | 30,117 | 25,646 | 0 | 0 | 0 | 0 |
| Washington | 27,278 | 27,693 | -1.5% | 20,459 | 18,426 | 6,820 | 9,268 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 133 | 22 | 493.0% | 133 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 133 | 22 | 493.0% | 133 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 4,625,766 | 4,432,054 | 4.4% | 2,264,244 | 2,159,869 | 2,037,517 | 1,954,661 | 3,063 | 3,447 | 320,942 | 314,078 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form 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, May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | W | W | W | -- | -- | W | W |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 2.50 | 3.20 | -22.0% | -- | -- | 2.50 | 3.20 |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | 2.50 | 3.20 | -22.0% | -- | -- | 2.50 | 3.20 |
| East North Central | 2.53 | 2.47 | 2.4% | 2.72 | 2.56 | 2.16 | 2.34 |
| Illinois | W | W | W | 1.94 | 2.07 | W | W |
| Indiana | W | W | W | 2.91 | 2.91 | W | W |
| Michigan | 2.76 | W | W | 2.76 | 2.37 | -- | W |
| Ohio | 2.76 | 2.59 | 6.6% | 2.78 | 2.26 | 2.76 | 2.65 |
| Wisconsin | 2.44 | 2.30 | 6.1% | 2.44 | 2.30 | -- | -- |
| West North Central | 1.85 | 1.88 | -1.6% | 1.85 | 1.88 | -- | -- |
| Iowa | 1.94 | 1.86 | 4.3% | 1.94 | 1.86 | -- | -- |
| Kansas | 1.57 | 1.76 | -11.0% | 1.57 | 1.76 | -- | -- |
| Minnesota | 2.31 | 2.28 | 1.3% | 2.31 | 2.28 | -- | -- |
| Missouri | 1.79 | 1.81 | -1.1% | 1.79 | 1.81 | -- | -- |
| Nebraska | 1.29 | 1.30 | -0.8% | 1.29 | 1.30 | -- | -- |
| North Dakota | 2.09 | 2.28 | -8.3% | 2.09 | 2.28 | -- | -- |
| South Dakota | 2.68 | 2.44 | 9.8% | 2.68 | 2.44 | -- | -- |
| South Atlantic | 3.37 | 3.67 | -8.2% | 3.44 | 3.78 | 2.49 | 2.57 |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3.36 | 3.17 | 6.0% | 3.36 | 3.17 | -- | -- |
| Georgia | 4.05 | 5.05 | -20.0% | 4.05 | 5.05 | -- | -- |
| Maryland | W | W | W | -- | -- | W | W |
| North Carolina | 4.42 | 4.92 | -10.0% | 4.42 | 4.92 | -- | -- |
| South Carolina | 3.24 | W | W | 3.24 | 3.72 | -- | W |
| Virginia | 5.53 | 4.97 | 11.0% | 5.53 | 4.97 | -- | -- |
| West Virginia | W | W | W | 2.80 | 3.09 | W | W |
| East South Central | W | W | W | 2.57 | 2.62 | W | W |
| Alabama | 2.59 | 3.07 | -16.0% | 2.59 | 3.07 | -- | -- |
| Kentucky | 2.45 | 2.42 | 1.2% | 2.45 | 2.42 | -- | -- |
| Mississippi | W | W | W | 5.10 | 3.54 | W | W |
| Tennessee | 3.23 | 2.63 | 23.0% | 3.23 | 2.63 | -- | -- |
| West South Central | 2.12 | 2.13 | -0.5% | 2.16 | 2.09 | 2.09 | 2.17 |
| Arkansas | W | W | W | 1.97 | 2.12 | W | W |
| Louisiana | W | W | W | 3.76 | 2.66 | W | W |
| Oklahoma | 2.05 | 2.02 | 1.5% | 2.05 | 2.02 | -- | -- |
| Texas | W | W | W | 2.12 | 1.99 | W | W |
| Mountain | W | W | W | 2.73 | 2.31 | W | W |
| Arizona | 3.24 | 3.13 | 3.5% | 3.24 | 3.13 | -- | -- |
| Colorado | 2.10 | 2.21 | -5.0% | 2.10 | 2.21 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | -- | W | W |
| Nevada | W | W | W | 4.59 | 5.37 | W | W |
| New Mexico | 3.54 | 2.13 | 66.0% | 3.54 | 2.13 | -- | -- |
| Utah | 3.60 | 2.56 | 41.0% | 3.60 | 2.56 | -- | -- |
| Wyoming | W | W | W | 1.67 | 1.62 | W | W |
| Pacific Contiguous | W | W | W | -- | -- | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | W | W | W | -- | -- | W | W |
| Pacific Noncontiguous | 4.57 | 4.70 | -2.8% | 4.57 | 4.70 | -- | -- |
| Alaska | 4.57 | 4.70 | -2.8% | 4.57 | 4.70 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.56 | 2.50 | 2.4% | 2.65 | 2.55 | 2.21 | 2.33 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
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Notes:
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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.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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) May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | W | W | W | -- | -- | W | W |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | W | W | -- | -- | -- | W |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 2.18 | 2.94 | -26.0% | -- | -- | 2.18 | 2.94 |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | 2.18 | 2.94 | -26.0% | -- | -- | 2.18 | 2.94 |
| East North Central | 2.50 | 2.51 | -0.4% | 2.72 | 2.68 | 2.11 | 2.25 |
| Illinois | W | W | W | 2.23 | 2.05 | W | W |
| Indiana | W | W | W | 2.94 | 2.95 | W | W |
| Michigan | 2.76 | W | W | 2.76 | 2.53 | -- | W |
| Ohio | 2.73 | 2.52 | 8.3% | 2.68 | 2.71 | 2.75 | 2.48 |
| Wisconsin | 2.35 | 2.58 | -8.9% | 2.35 | 2.58 | -- | -- |
| West North Central | 1.80 | 1.87 | -3.7% | 1.80 | 1.87 | -- | -- |
| Iowa | 1.95 | 1.85 | 5.4% | 1.95 | 1.85 | -- | -- |
| Kansas | 1.60 | 1.69 | -5.3% | 1.60 | 1.69 | -- | -- |
| Minnesota | 2.28 | 2.42 | -5.8% | 2.28 | 2.42 | -- | -- |
| Missouri | 1.82 | 1.94 | -6.2% | 1.82 | 1.94 | -- | -- |
| Nebraska | 1.28 | 1.34 | -4.5% | 1.28 | 1.34 | -- | -- |
| North Dakota | 1.83 | 1.90 | -3.7% | 1.83 | 1.90 | -- | -- |
| South Dakota | 2.40 | 2.34 | 2.6% | 2.40 | 2.34 | -- | -- |
| South Atlantic | 3.42 | 3.56 | -3.9% | 3.50 | 3.70 | 2.33 | 2.61 |
| Delaware | -- | W | W | -- | -- | -- | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3.40 | 3.47 | -2.0% | 3.40 | 3.47 | -- | -- |
| Georgia | 4.09 | 4.75 | -14.0% | 4.09 | 4.75 | -- | -- |
| Maryland | W | W | W | -- | -- | W | W |
| North Carolina | 4.45 | 4.50 | -1.1% | 4.45 | 4.50 | -- | -- |
| South Carolina | 3.26 | W | W | 3.26 | 3.68 | -- | W |
| Virginia | 4.83 | 5.20 | -7.1% | 4.83 | 5.20 | -- | -- |
| West Virginia | W | W | W | 2.88 | 3.04 | W | W |
| East South Central | W | W | W | 2.61 | 2.76 | W | W |
| Alabama | 2.81 | 3.08 | -8.8% | 2.81 | 3.08 | -- | -- |
| Kentucky | 2.42 | 2.53 | -4.3% | 2.42 | 2.53 | -- | -- |
| Mississippi | W | W | W | 4.00 | 4.62 | W | W |
| Tennessee | 3.29 | 3.28 | 0.3% | 3.29 | 3.28 | -- | -- |
| West South Central | 2.07 | 2.22 | -6.8% | 2.06 | 2.29 | 2.08 | 2.15 |
| Arkansas | W | W | W | 2.03 | 2.26 | W | W |
| Louisiana | W | W | W | 2.56 | 3.02 | W | W |
| Oklahoma | 2.17 | 2.34 | -7.3% | 2.17 | 2.34 | -- | -- |
| Texas | W | W | W | 1.99 | 2.16 | W | W |
| Mountain | W | W | W | 2.78 | 2.35 | W | W |
| Arizona | 3.16 | 3.08 | 2.6% | 3.16 | 3.08 | -- | -- |
| Colorado | 2.14 | 1.96 | 9.2% | 2.14 | 1.96 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | -- | W | W |
| Nevada | W | W | W | 4.61 | 4.12 | W | W |
| New Mexico | 3.69 | 3.51 | 5.1% | 3.69 | 3.51 | -- | -- |
| Utah | 3.66 | 2.49 | 47.0% | 3.66 | 2.49 | -- | -- |
| Wyoming | W | W | W | 1.81 | 1.76 | W | W |
| Pacific Contiguous | W | W | W | -- | -- | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | W | W | W | -- | -- | W | W |
| Pacific Noncontiguous | 4.62 | 4.69 | -1.5% | 4.62 | 4.69 | -- | -- |
| Alaska | 4.62 | 4.69 | -1.5% | 4.62 | 4.69 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.51 | 2.52 | -0.4% | 2.60 | 2.59 | 2.14 | 2.31 |

Displayed values of zero may represent small values that round to zero.
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Notes:
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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.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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, May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | W | W | W | -- | -- | W | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | W | 18.64 | W | -- | -- | W | 18.64 |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | W | W | -- | -- | -- | W |
| Pennsylvania | W | W | W | -- | -- | W | W |
| East North Central | W | W | W | 17.47 | 17.28 | W | W |
| Illinois | W | W | W | -- | 20.10 | W | W |
| Indiana | 18.24 | 19.33 | -5.6% | 18.24 | 19.33 | -- | -- |
| Michigan | 16.73 | 16.25 | 3.0% | 16.73 | 16.25 | -- | -- |
| Ohio | W | W | W | 23.05 | 19.06 | W | W |
| Wisconsin | 16.64 | 20.55 | -19.0% | 16.64 | 20.55 | -- | -- |
| West North Central | 18.71 | 19.70 | -5.0% | 18.71 | 19.70 | -- | -- |
| Iowa | 18.52 | 19.51 | -5.1% | 18.52 | 19.51 | -- | -- |
| Kansas | 18.87 | 19.59 | -3.7% | 18.87 | 19.59 | -- | -- |
| Minnesota | 18.54 | 19.35 | -4.2% | 18.54 | 19.35 | -- | -- |
| Missouri | 18.51 | 19.34 | -4.3% | 18.51 | 19.34 | -- | -- |
| Nebraska | 18.47 | 19.29 | -4.3% | 18.47 | 19.29 | -- | -- |
| North Dakota | 19.03 | 21.98 | -13.0% | 19.03 | 21.98 | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Atlantic | W | 19.96 | W | 19.60 | 20.07 | W | 17.70 |
| Delaware | W | -- | W | -- | -- | W | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 19.96 | 20.34 | -1.9% | 19.96 | 20.34 | -- | -- |
| Georgia | 20.34 | 21.18 | -4.0% | 20.34 | 21.18 | -- | -- |
| Maryland | W | W | W | -- | -- | W | W |
| North Carolina | 18.56 | 18.00 | 3.1% | 18.56 | 18.00 | -- | -- |
| South Carolina | 18.91 | 18.53 | 2.1% | 18.91 | 18.53 | -- | -- |
| Virginia | 19.56 | W | W | 19.56 | -- | -- | W |
| West Virginia | 19.19 | 19.56 | -1.9% | 19.19 | 19.56 | -- | -- |
| East South Central | 18.41 | 18.90 | -2.6% | 18.41 | 18.90 | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | 18.55 | 19.88 | -6.7% | 18.55 | 19.88 | -- | -- |
| Mississippi | 18.42 | -- | -- | 18.42 | -- | -- | -- |
| Tennessee | 17.89 | 17.39 | 2.9% | 17.89 | 17.39 | -- | -- |
| West South Central | W | 18.31 | W | 18.46 | 18.32 | W | 18.30 |
| Arkansas | W | W | W | 18.80 | 20.61 | W | W |
| Louisiana | -- | -- | -- | -- | -- | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- |
| Texas | W | W | W | 18.23 | 17.52 | W | W |
| Mountain | W | W | W | 21.05 | 24.80 | W | W |
| Arizona | 23.08 | 29.76 | -22.0% | 23.08 | 29.76 | -- | -- |
| Colorado | 18.83 | 24.81 | -24.0% | 18.83 | 24.81 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | -- | W | -- | -- | W | -- |
| Nevada | W | W | W | 24.01 | 27.13 | W | W |
| New Mexico | -- | -- | -- | -- | -- | -- | -- |
| Utah | 19.99 | W | W | 19.99 | 26.14 | -- | W |
| Wyoming | 20.37 | 21.05 | -3.2% | 20.37 | 21.05 | -- | -- |
| Pacific Contiguous | -- | -- | -- | -- | -- | -- | -- |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- |
| Pacific Noncontiguous | W | W | W | 18.91 | 18.40 | W | W |
| Alaska | 24.57 | 20.05 | 23.0% | 24.57 | 20.05 | -- | -- |
| Hawaii | W | W | W | 18.90 | 18.39 | W | W |
| U.S. Total | 19.06 | 18.91 | 0.8% | 18.92 | 18.82 | 19.38 | 19.31 |

Displayed values of zero may represent small values that round to zero.
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 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.
Petroleum Liquids includes distillate and residual fuel oils.
See the Technical Notes for fuel conversion factors.

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) May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 18.35 | W | W | -- | -- | 18.35 | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | W | W | W | -- | -- | W | W |
| New Hampshire | W | W | W | -- | -- | W | W |
| Rhode Island | -- | W | W | -- | -- | -- | W |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 17.72 | 16.93 | 4.7% | 18.30 | 15.58 | 17.39 | 18.52 |
| New Jersey | -- | W | W | -- | -- | -- | W |
| New York | W | W | W | 18.30 | 15.58 | W | W |
| Pennsylvania | W | 22.44 | W | -- | -- | W | 22.44 |
| East North Central | 19.19 | 19.87 | -3.4% | 18.92 | 19.45 | 19.54 | 20.93 |
| Illinois | 20.52 | 23.72 | -13.0% | 22.10 | 22.47 | 20.48 | 23.95 |
| Indiana | 19.13 | 21.69 | -12.0% | 19.13 | 21.69 | -- | -- |
| Michigan | 18.73 | 16.46 | 14.0% | 18.73 | 16.46 | -- | -- |
| Ohio | 19.31 | 21.56 | -10.0% | 19.58 | 23.60 | 19.28 | 20.27 |
| Wisconsin | 18.03 | 20.76 | -13.0% | 18.03 | 20.76 | -- | -- |
| West North Central | 19.12 | 21.60 | -11.0% | 19.12 | 21.60 | -- | -- |
| Iowa | 19.47 | 21.26 | -8.4% | 19.47 | 21.26 | -- | -- |
| Kansas | 19.20 | 21.02 | -8.7% | 19.20 | 21.02 | -- | -- |
| Minnesota | 19.07 | 20.74 | -8.1% | 19.07 | 20.74 | -- | -- |
| Missouri | 18.77 | 22.19 | -15.0% | 18.77 | 22.19 | -- | -- |
| Nebraska | 17.75 | 20.88 | -15.0% | 17.75 | 20.88 | -- | -- |
| North Dakota | 20.00 | 20.99 | -4.7% | 20.00 | 20.99 | -- | -- |
| South Dakota | 18.04 | 23.14 | -22.0% | 18.04 | 23.14 | -- | -- |
| South Atlantic | 19.61 | 22.46 | -13.0% | 20.19 | 21.90 | 18.25 | 25.92 |
| Delaware | W | W | W | -- | -- | W | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 20.68 | W | W | 20.68 | 21.15 | -- | W |
| Georgia | 21.30 | 24.72 | -14.0% | 21.30 | 24.72 | -- | -- |
| Maryland | W | 22.16 | W | -- | -- | W | 22.16 |
| North Carolina | 19.77 | 24.82 | -20.0% | 19.77 | 24.82 | -- | -- |
| South Carolina | 20.01 | W | W | 20.01 | 22.92 | -- | W |
| Virginia | W | W | W | 20.02 | 17.59 | W | W |
| West Virginia | 19.88 | W | W | 19.88 | 22.58 | -- | W |
| East South Central | 19.64 | 22.82 | -14.0% | 19.64 | 22.82 | -- | -- |
| Alabama | 19.78 | 23.55 | -16.0% | 19.78 | 23.55 | -- | -- |
| Kentucky | 19.91 | 22.99 | -13.0% | 19.91 | 22.99 | -- | -- |
| Mississippi | 19.24 | 23.27 | -17.0% | 19.24 | 23.27 | -- | -- |
| Tennessee | 18.37 | 22.55 | -19.0% | 18.37 | 22.55 | -- | -- |
| West South Central | 18.28 | 20.83 | -12.0% | 17.51 | 20.91 | 20.09 | 20.70 |
| Arkansas | W | W | W | 18.44 | 21.63 | W | W |
| Louisiana | 19.11 | -- | -- | 19.11 | -- | -- | -- |
| Oklahoma | 20.63 | 21.45 | -3.8% | 20.63 | 21.45 | -- | -- |
| Texas | W | W | W | 16.90 | 20.15 | W | W |
| Mountain | W | 26.03 | W | 21.54 | 26.05 | W | 25.76 |
| Arizona | 23.01 | 28.60 | -20.0% | 23.01 | 28.60 | -- | -- |
| Colorado | 21.88 | 28.29 | -23.0% | 21.88 | 28.29 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | 20.32 | -- | W | W |
| Nevada | W | W | W | 25.27 | 29.84 | W | W |
| New Mexico | -- | -- | -- | -- | -- | -- | -- |
| Utah | W | W | W | 20.97 | 25.95 | W | W |
| Wyoming | 20.73 | 24.13 | -14.0% | 20.73 | 24.13 | -- | -- |
| Pacific Contiguous | W | W | W | 24.28 | 25.90 | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | W | W | W | 24.28 | 25.90 | W | W |
| Pacific Noncontiguous | W | W | W | 19.17 | 20.32 | W | W |
| Alaska | 22.19 | 24.09 | -7.9% | 22.19 | 24.09 | -- | -- |
| Hawaii | W | W | W | 19.16 | 20.31 | W | W |
| U.S. Total | 19.40 | 20.49 | -5.3% | 19.26 | 20.76 | 19.88 | 19.65 |

Displayed values of zero may represent small values that round to zero.
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Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Liquids includes distillate and residual fuel oils.
See the Technical Notes for fuel conversion factors.

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, May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | -- | -- | -- | -- | -- | -- | -- |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -- | -- | -- | -- | -- | -- | -- |
| East North Central | 2.64 | 2.96 | -11.0% | 2.64 | 2.96 | -- | -- |
| Illinois | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 2.64 | 2.86 | -7.7% | 2.64 | 2.86 | -- | -- |
| Ohio | -- | -- | -- | -- | -- | -- | -- |
| Wisconsin | -- | 5.13 | -- | -- | 5.13 | -- | -- |
| West North Central | -- | -- | -- | -- | -- | -- | -- |
| Iowa | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- |
| Missouri | -- | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Atlantic | 3.72 | -- | -- | 3.72 | -- | -- | -- |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3.72 | -- | -- | 3.72 | -- | -- | -- |
| Georgia | -- | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- |
| East South Central | -- | -- | -- | -- | -- | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- |
| West South Central | 2.90 | 4.35 | -33.0% | 2.90 | 4.35 | -- | -- |
| Arkansas | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 2.90 | 4.35 | -33.0% | 2.90 | 4.35 | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- |
| Texas | -- | -- | -- | -- | -- | -- | -- |
| Mountain | -- | -- | -- | -- | -- | -- | -- |
| Arizona | -- | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- |
| Pacific Contiguous | -- | -- | -- | -- | -- | -- | -- |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- |
| Pacific Noncontiguous | -- | -- | -- | -- | -- | -- | -- |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.86 | 3.14 | -8.9% | 2.86 | 3.14 | -- | -- |

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Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas.
See the Technical Notes for fuel conversion factors.

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) May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | -- | -- | -- | -- | -- | -- | -- |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -- | -- | -- | -- | -- | -- | -- |
| East North Central | 2.64 | 3.00 | -12.0% | 2.64 | 3.00 | -- | -- |
| Illinois | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 2.64 | 2.88 | -8.3% | 2.64 | 2.88 | -- | -- |
| Ohio | -- | -- | -- | -- | -- | -- | -- |
| Wisconsin | 2.36 | 5.25 | -55.0% | 2.36 | 5.25 | -- | -- |
| West North Central | -- | -- | -- | -- | -- | -- | -- |
| Iowa | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- |
| Missouri | -- | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Atlantic | 3.72 | 6.02 | -38.0% | 3.72 | 6.02 | -- | -- |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3.72 | 6.02 | -38.0% | 3.72 | 6.02 | -- | -- |
| Georgia | -- | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- |
| East South Central | -- | -- | -- | -- | -- | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- |
| West South Central | 2.90 | 4.74 | -39.0% | 2.90 | 4.74 | -- | -- |
| Arkansas | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 2.90 | 4.74 | -39.0% | 2.90 | 4.74 | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- |
| Texas | -- | -- | -- | -- | -- | -- | -- |
| Mountain | -- | -- | -- | -- | -- | -- | -- |
| Arizona | -- | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- |
| Pacific Contiguous | -- | -- | -- | -- | -- | -- | -- |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- |
| Pacific Noncontiguous | -- | -- | -- | -- | -- | -- | -- |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.71 | 4.52 | -40.0% | 2.71 | 4.52 | -- | -- |

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Petroleum Coke includes petroleum coke-derived synthesis gas.
See the Technical Notes for fuel conversion factors.

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, May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | Percentage Change | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | W | 2.87 | W | -- | -- | W | 2.87 |
| Connecticut | 1.74 | 1.88 | -7.4% | -- | -- | 1.74 | 1.88 |
| Maine | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | 1.69 | 5.32 | -68.0% | -- | -- | 1.69 | 5.32 |
| New Hampshire | W | W | W | -- | -- | W | W |
| Rhode Island | W | W | W | -- | -- | W | W |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 1.77 | 1.68 | 5.4% | 1.69 | 1.77 | 1.78 | 1.67 |
| New Jersey | 1.66 | 1.55 | 7.1% | -- | -- | 1.66 | 1.55 |
| New York | 2.04 | 1.83 | 11.0% | 1.69 | 1.77 | 2.17 | 1.86 |
| Pennsylvania | 1.68 | 1.65 | 1.8% | -- | -- | 1.68 | 1.65 |
| East North Central | 2.11 | 2.31 | -8.7% | 2.33 | 2.77 | 1.97 | 2.03 |
| Illinois | W | W | W | 1.96 | 2.19 | W | W |
| Indiana | 2.39 | 2.53 | -5.5% | 2.51 | 2.61 | 2.25 | 2.41 |
| Michigan | 2.08 | 2.42 | -14.0% | 2.38 | 2.69 | 1.84 | 2.19 |
| Ohio | 1.98 | 1.84 | 7.6% | 1.78 | 2.06 | 2.01 | 1.82 |
| Wisconsin | W | W | W | 2.33 | 3.28 | W | W |
| West North Central | W | W | W | 2.16 | 2.37 | W | W |
| Iowa | 2.01 | 2.11 | -4.7% | 2.01 | 2.11 | -- | -- |
| Kansas | 1.96 | 2.02 | -3.0% | 1.96 | 2.02 | -- | -- |
| Minnesota | W | W | W | 2.60 | 3.80 | W | W |
| Missouri | W | W | W | 2.00 | 2.30 | W | W |
| Nebraska | 2.96 | 2.59 | 14.0% | 2.96 | 2.59 | -- | -- |
| North Dakota | 2.98 | 3.72 | -20.0% | 2.98 | 3.72 | -- | -- |
| South Dakota | 2.04 | 2.27 | -10.0% | 2.04 | 2.27 | -- | -- |
| South Atlantic | 3.14 | 3.24 | -3.1% | 3.23 | 3.37 | 2.44 | 2.22 |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 3.16 | 3.46 | W | W |
| Georgia | W | W | W | 2.57 | 2.46 | W | W |
| Maryland | 2.67 | 2.40 | 11.0% | 3.62 | 3.33 | 2.58 | 2.30 |
| North Carolina | W | W | W | 4.34 | 4.10 | W | W |
| South Carolina | 3.44 | 3.29 | 4.6% | 3.44 | 3.29 | -- | -- |
| Virginia | 2.64 | 3.02 | -13.0% | 2.95 | 3.45 | 2.05 | 1.80 |
| West Virginia | W | W | W | 1.78 | 1.87 | W | W |
| East South Central | 2.37 | 2.43 | -2.5% | 2.30 | 2.46 | 2.71 | 2.35 |
| Alabama | W | W | W | 2.56 | 2.73 | W | W |
| Kentucky | W | W | W | 2.52 | 2.76 | W | W |
| Mississippi | W | W | W | 2.10 | 2.36 | W | W |
| Tennessee | 2.34 | 2.14 | 9.3% | 2.34 | 2.14 | -- | -- |
| West South Central | 1.87 | 2.21 | -15.0% | 2.01 | 2.27 | 1.76 | 2.16 |
| Arkansas | W | W | W | 2.03 | 2.18 | W | W |
| Louisiana | W | W | W | 2.32 | 2.39 | W | W |
| Oklahoma | W | W | W | 2.04 | 2.34 | W | W |
| Texas | 1.75 | 2.17 | -19.0% | 1.73 | 2.16 | 1.75 | 2.17 |
| Mountain | 1.51 | 2.69 | -44.0% | 1.48 | 2.66 | 1.78 | 2.91 |
| Arizona | W | W | W | 1.00 | 2.55 | W | W |
| Colorado | W | W | W | 2.09 | 3.24 | W | W |
| Idaho | 1.88 | -- | -- | 1.88 | -- | -- | -- |
| Montana | 1.00 | 1.98 | -49.0% | 1.00 | 1.98 | -- | -- |
| Nevada | 1.97 | 2.86 | -31.0% | 1.97 | 2.86 | -- | -- |
| New Mexico | 0.18 | 1.69 | -89.0% | 0.18 | 1.69 | -- | -- |
| Utah | 1.98 | 2.80 | -29.0% | 1.98 | 2.80 | -- | -- |
| Wyoming | W | W | W | 1.92 | 2.72 | W | W |
| Pacific Contiguous | 2.65 | W | W | 2.76 | 3.73 | 2.53 | W |
| California | W | W | W | 3.14 | 4.03 | W | W |
| Oregon | W | W | W | 1.76 | 2.69 | W | W |
| Washington | 1.96 | W | W | 1.96 | 3.45 | -- | W |
| Pacific Noncontiguous | 8.16 | 8.11 | 0.6% | 8.16 | 8.11 | -- | -- |
| Alaska | 8.16 | 8.11 | 0.6% | 8.16 | 8.11 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.28 | 2.55 | -11.0% | 2.54 | 2.87 | 1.92 | 2.11 |

Displayed values of zero may represent small values that round to zero.
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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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) May 2024 and 2023
## (Dollars per MMBtu)

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | May 2024 YTD | May 2023 YTD | Percentage Change | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 4.93 | W | W | -- | -- | 4.93 | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | 8.16 | 12.60 | -35.0% | -- | -- | 8.16 | 12.60 |
| New Hampshire | W | W | W | -- | -- | W | W |
| Rhode Island | W | W | W | -- | -- | W | W |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 2.49 | 2.98 | -16.0% | 2.95 | 4.69 | 2.45 | 2.84 |
| New Jersey | 2.82 | 2.62 | 7.6% | -- | -- | 2.82 | 2.62 |
| New York | 3.09 | 4.13 | -25.0% | 2.95 | 4.69 | 3.14 | 3.89 |
| Pennsylvania | 2.12 | 2.59 | -18.0% | -- | -- | 2.12 | 2.59 |
| East North Central | 2.47 | 2.92 | -15.0% | 2.74 | 3.57 | 2.33 | 2.55 |
| Illinois | W | W | W | 1.88 | 2.76 | W | W |
| Indiana | 2.58 | 3.11 | -17.0% | 2.93 | 3.32 | 2.26 | 2.89 |
| Michigan | 2.36 | 2.87 | -18.0% | 2.59 | 3.23 | 2.24 | 2.67 |
| Ohio | 2.26 | 2.42 | -6.6% | 2.54 | 2.95 | 2.22 | 2.34 |
| Wisconsin | W | W | W | 2.92 | 4.32 | W | W |
| West North Central | W | W | W | 2.75 | 3.51 | W | W |
| Iowa | 2.28 | 2.89 | -21.0% | 2.28 | 2.89 | -- | -- |
| Kansas | 2.72 | 3.37 | -19.0% | 2.72 | 3.37 | -- | -- |
| Minnesota | W | W | W | 3.06 | 5.23 | W | W |
| Missouri | W | W | W | 2.88 | 3.13 | W | W |
| Nebraska | 5.21 | 3.03 | 72.0% | 5.21 | 3.03 | -- | -- |
| North Dakota | 3.14 | 4.13 | -24.0% | 3.14 | 4.13 | -- | -- |
| South Dakota | 2.46 | 2.60 | -5.4% | 2.46 | 2.60 | -- | -- |
| South Atlantic | 3.62 | 4.25 | -15.0% | 3.74 | 4.44 | 2.78 | 2.86 |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 3.47 | 4.21 | W | W |
| Georgia | W | W | W | 3.02 | 3.13 | W | W |
| Maryland | W | W | W | 3.34 | 2.89 | W | W |
| North Carolina | W | W | W | 5.59 | 6.43 | W | W |
| South Carolina | 3.90 | 4.15 | -6.0% | 3.90 | 4.15 | -- | -- |
| Virginia | 3.15 | 4.33 | -27.0% | 3.50 | 4.96 | 2.18 | 2.71 |
| West Virginia | W | W | W | 4.44 | 2.56 | W | W |
| East South Central | 2.80 | 3.05 | -8.2% | 2.78 | 3.14 | 2.87 | 2.76 |
| Alabama | W | W | W | 2.71 | 3.42 | W | W |
| Kentucky | W | W | W | 3.55 | 4.04 | W | W |
| Mississippi | W | W | W | 2.63 | 2.84 | W | W |
| Tennessee | 2.76 | 3.12 | -12.0% | 2.76 | 3.12 | -- | -- |
| West South Central | 2.39 | 2.65 | -9.8% | 2.60 | 2.90 | 2.20 | 2.43 |
| Arkansas | W | W | W | 2.91 | 2.82 | W | W |
| Louisiana | W | W | W | 2.70 | 2.82 | W | W |
| Oklahoma | W | W | W | 2.95 | 3.47 | W | W |
| Texas | 2.20 | 2.51 | -12.0% | 2.20 | 2.72 | 2.20 | 2.44 |
| Mountain | 2.80 | 7.70 | -64.0% | 2.79 | 7.97 | 2.84 | 5.69 |
| Arizona | 2.46 | 5.82 | -58.0% | 2.40 | 5.72 | 2.71 | 6.12 |
| Colorado | W | W | W | 2.88 | 4.76 | W | W |
| Idaho | 3.74 | 13.13 | -72.0% | 3.74 | 13.13 | -- | -- |
| Montana | 2.08 | 2.52 | -17.0% | 2.08 | 2.52 | -- | -- |
| Nevada | 3.30 | 12.22 | -73.0% | 3.30 | 12.22 | -- | -- |
| New Mexico | 1.43 | 3.04 | -53.0% | 1.43 | 3.04 | -- | -- |
| Utah | 3.70 | 13.66 | -73.0% | 3.70 | 13.66 | -- | -- |
| Wyoming | W | W | W | 2.97 | 13.06 | W | W |
| Pacific Contiguous | W | 10.52 | W | 4.10 | 11.90 | W | 8.99 |
| California | 4.39 | 11.98 | -63.0% | 4.69 | 13.77 | 4.09 | 10.32 |
| Oregon | W | W | W | 2.78 | 9.05 | W | W |
| Washington | W | W | W | 3.88 | 9.65 | W | W |
| Pacific Noncontiguous | 8.23 | 7.90 | 4.2% | 8.23 | 7.90 | -- | -- |
| Alaska | 8.23 | 7.90 | 4.2% | 8.23 | 7.90 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 2.94 | 4.11 | -28.0% | 3.18 | 4.68 | 2.62 | 3.35 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form 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, May 2024

| 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 | 3 | 0.97 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 3 | 0.97 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 172 | 2.78 | 8.2 | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 172 | 2.78 | 8.2 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 3,008 | 3.14 | 11.3 | 2,754 | 0.25 | 4.5 | 0 | -- | -- |
| Illinois | 657 | 3.45 | 22.3 | 846 | 0.25 | 4.6 | 0 | -- | -- |
| Indiana | 1,261 | 2.98 | 9.4 | 0 | -- | -- | 0 | -- | -- |
| Michigan | 159 | 2.42 | 7.9 | 1,425 | 0.26 | 4.5 | 0 | -- | -- |
| Ohio | 867 | 3.39 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 64 | 2.41 | 7.9 | 482 | 0.22 | 4.4 | 0 | -- | -- |
| West North Central | 45 | 3.16 | 8.9 | 3,222 | 0.23 | 4.6 | 1,530 | 0.72 | 10.4 |
| Iowa | 29 | 3.30 | 9.3 | 571 | 0.21 | 4.5 | 0 | -- | -- |
| Kansas | 0 | -- | -- | 500 | 0.25 | 4.7 | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 289 | 0.24 | 4.7 | 0 | -- | -- |
| Missouri | 16 | 2.91 | 8.3 | 1,277 | 0.22 | 4.4 | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 524 | 0.26 | 4.9 | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 1,530 | 0.72 | 10.4 |
| South Dakota | 0 | -- | -- | 62 | 0.33 | 5.2 | 0 | -- | -- |
| South Atlantic | 3,488 | 2.48 | 9.8 | 381 | 0.32 | 4.8 | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 305 | 2.94 | 8.9 | 0 | -- | -- | 0 | -- | -- |
| Georgia | 231 | 2.51 | 8.9 | 381 | 0.32 | 4.8 | 0 | -- | -- |
| Maryland | 52 | 2.41 | 8.0 | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 672 | 1.51 | 10.2 | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 509 | 2.02 | 9.5 | 0 | -- | -- | 0 | -- | -- |
| Virginia | 71 | 1.01 | 18.8 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 1,648 | 2.97 | 9.7 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 2,059 | 2.85 | 9.8 | 1,617 | 0.24 | 4.7 | 170 | 0.57 | 14.8 |
| Alabama | 86 | 1.41 | 14.1 | 878 | 0.26 | 4.8 | 0 | -- | -- |
| Kentucky | 1,800 | 3.01 | 9.7 | 589 | 0.22 | 4.6 | 0 | -- | -- |
| Mississippi | 25 | 0.47 | 12.2 | 48 | 0.26 | 4.5 | 170 | 0.57 | 14.8 |
| Tennessee | 148 | 2.14 | 8.6 | 102 | 0.23 | 4.6 | 0 | -- | -- |
| West South Central | 29 | 2.77 | 8.7 | 3,170 | 0.30 | 5.0 | 875 | 1.09 | 16.9 |
| Arkansas | 2 | 0.69 | 12.3 | 616 | 0.24 | 4.6 | 0 | -- | -- |
| Louisiana | 28 | 2.89 | 8.5 | 179 | 0.25 | 4.7 | 0 | -- | -- |
| Oklahoma | 0 | -- | -- | 111 | 0.26 | 4.6 | 0 | -- | -- |
| Texas | 0 | -- | -- | 2,265 | 0.32 | 5.2 | 875 | 1.09 | 16.9 |
| Mountain | 1,342 | 0.64 | 13.6 | 2,404 | 0.46 | 6.8 | 0 | -- | -- |
| Arizona | 0 | -- | -- | 405 | 0.61 | 9.9 | 0 | -- | -- |
| Colorado | 149 | 0.44 | 12.0 | 682 | 0.30 | 6.4 | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 135 | 0.68 | 8.8 | 0 | -- | -- |
| Nevada | 54 | 0.34 | 7.4 | 106 | 0.31 | 4.1 | 0 | -- | -- |
| New Mexico | 393 | 0.80 | 19.0 | 0 | -- | -- | 0 | -- | -- |
| Utah | 746 | 0.62 | 12.0 | 61 | 0.22 | 4.7 | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 1,014 | 0.51 | 5.9 | 0 | -- | -- |
| Pacific Contiguous | 47 | 0.35 | 6.8 | 168 | 0.39 | 8.6 | 0 | -- | -- |
| California | 47 | 0.35 | 6.8 | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Washington | 0 | -- | -- | 168 | 0.39 | 8.6 | 0 | -- | -- |
| Pacific Noncontiguous | 0 | -- | -- | 0 | -- | -- | 39 | 0.15 | 7.4 |
| Alaska | 0 | -- | -- | 0 | -- | -- | 39 | 0.15 | 7.4 |
| Hawaii | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 10,193 | 2.53 | 10.6 | 13,716 | 0.30 | 5.1 | 2,613 | 0.83 | 12.8 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Bituminous coal includes anthracite coal and coal-derived synthesis gas.
See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

## Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, May 2024

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| East North Central | 1,680 | 2.91 | 9.2 | 2,068 | 0.25 | 4.5 | 0 | -- | -- |
| Illinois | 69 | 2.78 | 11.3 | 161 | 0.22 | 4.9 | 0 | -- | -- |
| Indiana | 1,132 | 2.91 | 9.5 | 0 | -- | -- | 0 | -- | -- |
| Michigan | 159 | 2.42 | 7.9 | 1,425 | 0.26 | 4.5 | 0 | -- | -- |
| Ohio | 256 | 3.36 | 8.9 | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 64 | 2.41 | 7.9 | 482 | 0.22 | 4.4 | 0 | -- | -- |
| West North Central | 16 | 2.91 | 8.3 | 3,012 | 0.24 | 4.6 | 1,530 | 0.72 | 10.4 |
| Iowa | 0 | -- | -- | 408 | 0.22 | 4.5 | 0 | -- | -- |
| Kansas | 0 | -- | -- | 500 | 0.25 | 4.7 | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 289 | 0.24 | 4.7 | 0 | -- | -- |
| Missouri | 16 | 2.91 | 8.3 | 1,277 | 0.22 | 4.4 | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 477 | 0.27 | 5.0 | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 1,530 | 0.72 | 10.4 |
| South Dakota | 0 | -- | -- | 62 | 0.33 | 5.2 | 0 | -- | -- |
| South Atlantic | 3,194 | 2.47 | 10.0 | 381 | 0.32 | 4.8 | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 305 | 2.94 | 8.9 | 0 | -- | -- | 0 | -- | -- |
| Georgia | 219 | 2.61 | 9.0 | 381 | 0.32 | 4.8 | 0 | -- | -- |
| Maryland | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 672 | 1.51 | 10.2 | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 509 | 2.02 | 9.5 | 0 | -- | -- | 0 | -- | -- |
| Virginia | 64 | 1.02 | 20.3 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 1,425 | 3.01 | 10.0 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 1,999 | 2.91 | 9.9 | 1,617 | 0.24 | 4.7 | 0 | -- | -- |
| Alabama | 86 | 1.41 | 14.1 | 878 | 0.26 | 4.8 | 0 | -- | -- |
| Kentucky | 1,800 | 3.01 | 9.7 | 589 | 0.22 | 4.6 | 0 | -- | -- |
| Mississippi | 25 | 0.47 | 12.2 | 48 | 0.26 | 4.5 | 0 | -- | -- |
| Tennessee | 88 | 2.97 | 9.0 | 102 | 0.23 | 4.6 | 0 | -- | -- |
| West South Central | 28 | 2.89 | 8.5 | 1,404 | 0.26 | 4.8 | 123 | 2.24 | 30.3 |
| Arkansas | 0 | -- | -- | 551 | 0.24 | 4.6 | 0 | -- | -- |
| Louisiana | 28 | 2.89 | 8.5 | 52 | 0.20 | 4.3 | 0 | -- | -- |
| Oklahoma | 0 | -- | -- | 111 | 0.26 | 4.6 | 0 | -- | -- |
| Texas | 0 | -- | -- | 691 | 0.29 | 5.0 | 123 | 2.24 | 30.3 |
| Mountain | 1,342 | 0.64 | 13.6 | 2,178 | 0.45 | 6.7 | 0 | -- | -- |
| Arizona | 0 | -- | -- | 405 | 0.61 | 9.9 | 0 | -- | -- |
| Colorado | 149 | 0.44 | 12.0 | 682 | 0.30 | 6.4 | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Nevada | 54 | 0.34 | 7.4 | 33 | 0.53 | 3.4 | 0 | -- | -- |
| New Mexico | 393 | 0.80 | 19.0 | 0 | -- | -- | 0 | -- | -- |
| Utah | 746 | 0.62 | 12.0 | 61 | 0.22 | 4.7 | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 997 | 0.51 | 5.9 | 0 | -- | -- |
| Pacific Contiguous | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| California | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Washington | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pacific Noncontiguous | 0 | -- | -- | 0 | -- | -- | 39 | 0.15 | 7.4 |
| Alaska | 0 | -- | -- | 0 | -- | -- | 39 | 0.15 | 7.4 |
| Hawaii | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 8,259 | 2.40 | 10.3 | 10,660 | 0.29 | 5.1 | 1,691 | 0.79 | 11.5 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Bituminous coal includes anthracite coal and coal-derived synthesis gas.
See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

## Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, May 2024

| 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 | 3 | 0.97 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 3 | 0.97 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 160 | 2.85 | 8.3 | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 160 | 2.85 | 8.3 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 1,297 | 3.47 | 14.3 | 614 | 0.26 | 4.6 | 0 | -- | -- |
| Illinois | 557 | 3.56 | 24.9 | 614 | 0.26 | 4.6 | 0 | -- | -- |
| Indiana | 129 | 3.53 | 8.6 | 0 | -- | -- | 0 | -- | -- |
| Michigan | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Ohio | 611 | 3.41 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West North Central | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Iowa | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kansas | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Missouri | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Dakota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Atlantic | 275 | 2.68 | 8.0 | 0 | -- | -- | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Georgia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maryland | 52 | 2.41 | 8.0 | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Virginia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 223 | 2.74 | 8.0 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 0 | -- | -- | 0 | -- | -- | 170 | 0.57 | 14.8 |
| Alabama | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kentucky | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Mississippi | 0 | -- | -- | 0 | -- | -- | 170 | 0.57 | 14.8 |
| Tennessee | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West South Central | 0 | -- | -- | 1,766 | 0.32 | 5.3 | 752 | 0.96 | 15.3 |
| Arkansas | 0 | -- | -- | 65 | 0.28 | 4.5 | 0 | -- | -- |
| Louisiana | 0 | -- | -- | 127 | 0.27 | 4.9 | 0 | -- | -- |
| Oklahoma | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Texas | 0 | -- | -- | 1,574 | 0.33 | 5.3 | 752 | 0.96 | 15.3 |
| Mountain | 0 | -- | -- | 226 | 0.51 | 7.2 | 0 | -- | -- |
| Arizona | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Colorado | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 135 | 0.68 | 8.8 | 0 | -- | -- |
| Nevada | 0 | -- | -- | 73 | 0.20 | 4.4 | 0 | -- | -- |
| New Mexico | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Utah | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 18 | 0.51 | 6.9 | 0 | -- | -- |
| Pacific Contiguous | 0 | -- | -- | 168 | 0.39 | 8.6 | 0 | -- | -- |
| California | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Washington | 0 | -- | -- | 168 | 0.39 | 8.6 | 0 | -- | -- |
| Pacific Noncontiguous | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Alaska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Hawaii | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 1,735 | 3.26 | 12.5 | 2,774 | 0.33 | 5.5 | 921 | 0.90 | 15.2 |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Bituminous coal includes anthracite coal and coal-derived synthesis gas.
See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

## Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Sector by State, May 2024

| 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 | 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 | 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 | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Bituminous coal includes anthracite coal and coal-derived synthesis gas.
See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

## Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, May 2024

| 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 | 11 | 1.81 | 7.5 | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 11 | 1.81 | 7.5 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 31 | 3.30 | 8.3 | 72 | 0.27 | 4.4 | 0 | -- | -- |
| Illinois | 31 | 3.30 | 8.3 | 72 | 0.27 | 4.4 | 0 | -- | -- |
| Indiana | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Michigan | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Ohio | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West North Central | 29 | 3.30 | 9.3 | 210 | 0.21 | 4.7 | 0 | -- | -- |
| Iowa | 29 | 3.30 | 9.3 | 163 | 0.20 | 4.7 | 0 | -- | -- |
| Kansas | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Missouri | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 47 | 0.24 | 4.6 | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Dakota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Atlantic | 19 | 0.89 | 8.5 | 0 | -- | -- | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Georgia | 12 | 0.84 | 8.3 | 0 | -- | -- | 0 | -- | -- |
| Maryland | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Virginia | 7 | 0.97 | 8.8 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| East South Central | 60 | 1.01 | 8.1 | 0 | -- | -- | 0 | -- | -- |
| Alabama | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kentucky | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Mississippi | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Tennessee | 60 | 1.01 | 8.1 | 0 | -- | -- | 0 | -- | -- |
| West South Central | 2 | 0.69 | 12.3 | 0 | -- | -- | 0 | -- | -- |
| Arkansas | 2 | 0.69 | 12.3 | 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 | 47 | 0.35 | 6.8 | 0 | -- | -- | 0 | -- | -- |
| California | 47 | 0.35 | 6.8 | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Washington | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pacific Noncontiguous | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Alaska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Hawaii | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 200 | 1.53 | 8.1 | 281 | 0.22 | 4.6 | 0 | -- | -- |

Displayed values of zero may represent small values that round to zero.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Bituminous coal includes anthracite coal and coal-derived synthesis gas.
See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

# Chapter 5

# Sales to Ultimate Consumers, Revenue and Average Price of Electricity to Ultimate Consumers

## Table 5.1. Sales of Electricity to Ultimate Customers:
## Total by End-Use Sector, 2014 - May 2024 (Thousand Megawatthours)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| Annual Totals | | | | | |
| 2014 | 1,407,208 | 1,352,158 | 997,576 | 7,758 | 3,764,700 |
| 2015 | 1,404,096 | 1,360,752 | 986,508 | 7,637 | 3,758,992 |
| 2016 | 1,411,058 | 1,367,191 | 976,715 | 7,497 | 3,762,462 |
| 2017 | 1,378,648 | 1,352,888 | 984,298 | 7,523 | 3,723,356 |
| 2018 | 1,469,093 | 1,381,755 | 1,000,673 | 7,665 | 3,859,185 |
| 2019 | 1,440,289 | 1,360,877 | 1,002,353 | 7,632 | 3,811,150 |
| 2020 | 1,464,605 | 1,287,440 | 959,082 | 6,548 | 3,717,674 |
| 2021 | 1,470,487 | 1,328,439 | 1,000,613 | 6,334 | 3,805,874 |
| 2022 | 1,509,233 | 1,390,873 | 1,020,464 | 6,599 | 3,927,169 |
| 2023 | 1,454,667 | 1,374,922 | 1,024,949 | 6,804 | 3,861,342 |
| Year 2022 | | | | | |
| January | 140,504 | 113,605 | 83,982 | 565 | 338,656 |
| February | 125,342 | 103,063 | 76,893 | 566 | 305,863 |
| March | 111,439 | 108,603 | 83,679 | 579 | 304,300 |
| April | 97,432 | 104,566 | 82,422 | 513 | 284,933 |
| May | 110,071 | 113,007 | 86,090 | 529 | 309,697 |
| June | 136,310 | 121,567 | 88,716 | 513 | 347,106 |
| July | 164,277 | 133,952 | 90,420 | 566 | 389,214 |
| August | 160,271 | 135,676 | 93,143 | 536 | 389,626 |
| Sept | 129,241 | 124,195 | 86,550 | 558 | 340,544 |
| October | 99,792 | 111,851 | 85,017 | 535 | 297,196 |
| November | 103,152 | 106,858 | 81,701 | 546 | 292,258 |
| December | 131,402 | 113,929 | 81,852 | 593 | 327,776 |
| Year 2023 | | | | | |
| January | 132,059 | 110,493 | 78,965 | 569 | 322,084 |
| February | 112,543 | 101,434 | 76,054 | 550 | 290,582 |
| March | 110,792 | 110,071 | 84,426 | 567 | 305,856 |
| April | 96,542 | 101,556 | 81,765 | 511 | 280,373 |
| May | 100,479 | 110,404 | 86,394 | 518 | 297,795 |
| June | 121,568 | 117,727 | 88,009 | 568 | 327,872 |
| July | 160,085 | 133,161 | 92,565 | 621 | 386,432 |
| August | 162,031 | 135,067 | 94,226 | 577 | 391,900 |
| Sept | 133,320 | 123,663 | 88,495 | 650 | 346,129 |
| October | 103,767 | 115,379 | 88,164 | 565 | 307,874 |
| November | 102,428 | 107,051 | 83,460 | 549 | 293,487 |
| December | 119,052 | 108,918 | 82,427 | 562 | 310,959 |
| Year 2024 | | | | | |
| January | 142,839 | 114,843 | 82,723 | 606 | 341,010 |
| February | 117,716 | 106,394 | 77,915 | 518 | 302,543 |
| March | 103,974 | 108,266 | 82,428 | 611 | 295,280 |
| April | 96,236 | 105,933 | 81,058 | 535 | 283,763 |
| May | 109,076 | 115,422 | 86,699 | 596 | 311,793 |
| Year to Date | | | | | |
| 2022 | 584,788 | 542,844 | 413,065 | 2,752 | 1,543,449 |
| 2023 | 552,415 | 533,958 | 407,603 | 2,714 | 1,496,689 |
| 2024 | 569,841 | 550,858 | 410,824 | 2,866 | 1,534,388 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 1,476,860 | 1,381,986 | 1,015,002 | 6,561 | 3,880,409 |
| 2024 | 1,472,093 | 1,391,822 | 1,028,170 | 6,956 | 3,899,041 |

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 2022 and prior years are final. Values for 2024 and 2023 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. 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 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-861M (formerly EIA-826), Monthly Electric Industry Power Report.
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 Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2014 - May 2024 (Million Dollars)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| Annual Totals | | | | | |
| 2014 | 176,178 | 145,253 | 70,855 | 810 | 393,096 |
| 2015 | 177,624 | 144,781 | 68,166 | 771 | 391,341 |
| 2016 | 177,077 | 142,643 | 66,068 | 722 | 386,509 |
| 2017 | 177,661 | 144,242 | 67,691 | 728 | 390,322 |
| 2018 | 189,033 | 147,425 | 69,218 | 744 | 406,420 |
| 2019 | 187,436 | 145,280 | 68,285 | 737 | 401,738 |
| 2020 | 192,663 | 136,372 | 63,956 | 648 | 393,639 |
| 2021 | 200,834 | 149,008 | 71,835 | 646 | 422,323 |
| 2022 | 226,990 | 172,600 | 84,895 | 765 | 485,249 |
| 2023 | 232,463 | 175,231 | 82,566 | 864 | 491,124 |
| Year 2022 | | | | | |
| January | 19,163 | 12,794 | 6,037 | 60 | 38,053 |
| February | 17,247 | 12,019 | 5,601 | 62 | 34,929 |
| March | 16,062 | 12,647 | 6,164 | 63 | 34,936 |
| April | 14,194 | 12,355 | 6,343 | 58 | 32,950 |
| May | 16,394 | 13,561 | 7,099 | 57 | 37,112 |
| June | 20,850 | 15,506 | 7,854 | 62 | 44,272 |
| July | 25,155 | 17,435 | 8,422 | 70 | 51,082 |
| August | 25,354 | 18,199 | 8,739 | 69 | 52,361 |
| Sept | 20,930 | 16,492 | 7,841 | 70 | 45,333 |
| October | 15,961 | 14,418 | 7,184 | 63 | 37,627 |
| November | 16,041 | 13,179 | 6,654 | 63 | 35,937 |
| December | 19,637 | 13,996 | 6,955 | 68 | 40,656 |
| Year 2023 | | | | | |
| January | 20,434 | 14,088 | 6,572 | 70 | 41,164 |
| February | 17,983 | 12,878 | 6,158 | 71 | 37,090 |
| March | 17,627 | 13,734 | 6,576 | 69 | 38,006 |
| April | 15,545 | 12,400 | 6,132 | 61 | 34,138 |
| May | 16,225 | 13,605 | 6,587 | 64 | 36,481 |
| June | 19,582 | 15,035 | 7,113 | 70 | 41,800 |
| July | 25,431 | 17,403 | 7,705 | 79 | 50,618 |
| August | 25,806 | 17,889 | 8,361 | 76 | 52,132 |
| Sept | 21,717 | 16,362 | 7,468 | 93 | 45,640 |
| October | 16,808 | 14,833 | 7,058 | 72 | 38,771 |
| November | 16,579 | 13,511 | 6,522 | 69 | 36,681 |
| December | 18,726 | 13,494 | 6,314 | 69 | 38,603 |
| Year 2024 | | | | | |
| January | 22,070 | 14,567 | 6,700 | 77 | 43,414 |
| February | 18,951 | 13,631 | 6,084 | 68 | 38,735 |
| March | 17,347 | 13,810 | 6,373 | 73 | 37,602 |
| April | 16,240 | 13,415 | 6,336 | 68 | 36,059 |
| May | 17,917 | 14,410 | 6,889 | 73 | 39,290 |
| Year to Date | | | | | |
| 2022 | 83,061 | 63,376 | 31,245 | 299 | 177,981 |
| 2023 | 87,815 | 66,705 | 32,024 | 336 | 186,879 |
| 2024 | 92,525 | 69,833 | 32,381 | 359 | 195,098 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 231,743 | 175,929 | 85,674 | 802 | 494,147 |
| 2024 | 237,173 | 178,359 | 82,923 | 887 | 499,343 |

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 2022 and prior years are final. Values for 2024 and 2023 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. 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 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-861M (formerly EIA-826), Monthly Electric Industry Power Report.
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 Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2014 - May 2024 (Cents per Kilowatthour)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| Annual Totals | | | | | |
| 2014 | 12.52 | 10.74 | 7.10 | 10.45 | 10.44 |
| 2015 | 12.65 | 10.64 | 6.91 | 10.09 | 10.41 |
| 2016 | 12.55 | 10.43 | 6.76 | 9.63 | 10.27 |
| 2017 | 12.89 | 10.66 | 6.88 | 9.68 | 10.48 |
| 2018 | 12.87 | 10.67 | 6.92 | 9.70 | 10.53 |
| 2019 | 13.01 | 10.68 | 6.81 | 9.66 | 10.54 |
| 2020 | 13.15 | 10.59 | 6.67 | 9.90 | 10.59 |
| 2021 | 13.66 | 11.22 | 7.18 | 10.20 | 11.10 |
| 2022 | 15.04 | 12.41 | 8.32 | 11.59 | 12.36 |
| 2023 | 15.98 | 12.74 | 8.06 | 12.70 | 12.72 |
| Year 2022 | | | | | |
| January | 13.64 | 11.26 | 7.19 | 10.54 | 11.24 |
| February | 13.76 | 11.66 | 7.28 | 10.95 | 11.42 |
| March | 14.41 | 11.65 | 7.37 | 10.87 | 11.48 |
| April | 14.57 | 11.82 | 7.70 | 11.26 | 11.56 |
| May | 14.89 | 12.00 | 8.25 | 10.79 | 11.98 |
| June | 15.30 | 12.75 | 8.85 | 12.10 | 12.75 |
| July | 15.31 | 13.02 | 9.31 | 12.39 | 13.12 |
| August | 15.82 | 13.41 | 9.38 | 12.90 | 13.44 |
| Sept | 16.19 | 13.28 | 9.06 | 12.57 | 13.31 |
| October | 15.99 | 12.89 | 8.45 | 11.81 | 12.66 |
| November | 15.55 | 12.33 | 8.14 | 11.56 | 12.30 |
| December | 14.94 | 12.28 | 8.50 | 11.48 | 12.40 |
| Year 2023 | | | | | |
| January | 15.47 | 12.75 | 8.32 | 12.36 | 12.78 |
| February | 15.98 | 12.70 | 8.10 | 12.99 | 12.76 |
| March | 15.91 | 12.48 | 7.79 | 12.18 | 12.43 |
| April | 16.10 | 12.21 | 7.50 | 11.96 | 12.18 |
| May | 16.15 | 12.32 | 7.62 | 12.36 | 12.25 |
| June | 16.11 | 12.77 | 8.08 | 12.36 | 12.75 |
| July | 15.89 | 13.07 | 8.32 | 12.69 | 13.10 |
| August | 15.93 | 13.24 | 8.87 | 13.18 | 13.30 |
| Sept | 16.29 | 13.23 | 8.44 | 14.27 | 13.19 |
| October | 16.20 | 12.86 | 8.01 | 12.77 | 12.59 |
| November | 16.19 | 12.62 | 7.81 | 12.56 | 12.50 |
| December | 15.73 | 12.39 | 7.66 | 12.33 | 12.41 |
| Year 2024 | | | | | |
| January | 15.45 | 12.68 | 8.10 | 12.68 | 12.73 |
| February | 16.10 | 12.81 | 7.81 | 13.20 | 12.80 |
| March | 16.68 | 12.76 | 7.73 | 11.91 | 12.73 |
| April | 16.88 | 12.66 | 7.82 | 12.64 | 12.71 |
| May | 16.43 | 12.48 | 7.95 | 12.29 | 12.60 |
| Year to Date | | | | | |
| 2022 | 14.20 | 11.67 | 7.56 | 10.87 | 11.53 |
| 2023 | 15.90 | 12.49 | 7.86 | 12.38 | 12.49 |
| 2024 | 16.24 | 12.68 | 7.88 | 12.52 | 12.72 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 15.69 | 12.73 | 8.44 | 12.22 | 12.73 |
| 2024 | 16.11 | 12.81 | 8.07 | 12.75 | 12.81 |

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 2022 and prior years are final. Values for 2024 and 2023 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. 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 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-861M (formerly EIA-826), Monthly Electric Industry Power Report.
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. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, May 2024 and 2023 (Thousand Megawatthours)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 3,402 | 3,087 | 3,875 | 3,854 | 1,210 | 1,222 | 43 | 37 | 8,530 | 8,200 |
| Connecticut | 882 | 825 | 940 | 927 | 211 | 212 | 17 | 13 | 2,051 | 1,977 |
| Maine | 387 | 333 | 312 | 318 | 188 | 193 | 0 | 0 | 887 | 844 |
| Massachusetts | 1,447 | 1,293 | 1,865 | 1,836 | 470 | 495 | 23 | 22 | 3,805 | 3,646 |
| New Hampshire | 326 | 313 | 298 | 313 | 182 | 162 | 0 | 0 | 807 | 788 |
| Rhode Island | 209 | 176 | 304 | 312 | 54 | 56 | 2 | 2 | 569 | 546 |
| Vermont | 151 | 147 | 156 | 148 | 104 | 104 | 0 | 0 | 411 | 399 |
| Middle Atlantic | 10,208 | 8,696 | 11,295 | 10,876 | 6,135 | 5,865 | 329 | 241 | 27,967 | 25,677 |
| New Jersey | 2,145 | 1,862 | 2,834 | 2,810 | 518 | 501 | 37 | 16 | 5,534 | 5,190 |
| New York | 3,371 | 3,386 | 5,192 | 5,288 | 1,249 | 1,294 | 238 | 203 | 10,050 | 10,171 |
| Pennsylvania | 4,693 | 3,448 | 3,270 | 2,777 | 4,368 | 4,070 | 54 | 21 | 12,384 | 10,316 |
| East North Central | 13,596 | 12,446 | 14,396 | 14,014 | 15,993 | 15,410 | 36 | 34 | 44,021 | 41,904 |
| Illinois | 3,606 | 2,935 | 3,306 | 3,600 | 3,398 | 3,407 | 31 | 31 | 10,341 | 9,973 |
| Indiana | 2,327 | 2,203 | 1,747 | 1,876 | 3,869 | 3,402 | 1 | 0 | 7,943 | 7,481 |
| Michigan | 2,477 | 2,338 | 3,123 | 2,995 | 2,363 | 2,391 | 0 | 0 | 7,964 | 7,726 |
| Ohio | 3,652 | 3,435 | 4,318 | 3,658 | 4,438 | 4,253 | 3 | 2 | 12,411 | 11,348 |
| Wisconsin | 1,534 | 1,535 | 1,901 | 1,885 | 1,926 | 1,956 | 0 | 0 | 5,362 | 5,376 |
| West North Central | 7,305 | 7,367 | 8,889 | 8,299 | 8,485 | 8,672 | 3 | 3 | 24,682 | 24,341 |
| Iowa | 1,000 | 1,000 | 1,013 | 973 | 2,308 | 2,388 | 0 | 0 | 4,320 | 4,361 |
| Kansas | 982 | 975 | 1,339 | 1,311 | 1,008 | 975 | 0 | 0 | 3,330 | 3,261 |
| Minnesota | 1,572 | 1,645 | 1,809 | 1,790 | 1,680 | 1,729 | 1 | 1 | 5,062 | 5,166 |
| Missouri | 2,431 | 2,381 | 2,397 | 2,343 | 1,158 | 1,072 | 2 | 2 | 5,989 | 5,798 |
| Nebraska | 678 | 696 | 996 | 756 | 945 | 1,093 | 0 | 0 | 2,619 | 2,546 |
| North Dakota | 304 | 317 | 948 | 751 | 1,120 | 1,154 | 0 | 0 | 2,373 | 2,222 |
| South Dakota | 338 | 352 | 386 | 374 | 265 | 261 | 0 | 0 | 989 | 987 |
| South Atlantic | 30,003 | 26,511 | 29,081 | 27,625 | 12,125 | 12,142 | 104 | 92 | 71,314 | 66,370 |
| Delaware | 325 | 279 | 340 | 293 | 148 | 144 | 0 | 0 | 813 | 715 |
| District of Columbia | 172 | 152 | 559 | 522 | 16 | 14 | 26 | 22 | 773 | 709 |
| Florida | 12,160 | 10,806 | 9,086 | 8,370 | 1,545 | 1,451 | 7 | 6 | 22,797 | 20,633 |
| Georgia | 4,651 | 4,204 | 4,140 | 3,937 | 2,920 | 2,854 | 13 | 11 | 11,724 | 11,007 |
| Maryland | 1,859 | 1,664 | 2,266 | 2,091 | 283 | 296 | 35 | 30 | 4,442 | 4,081 |
| North Carolina | 4,567 | 3,933 | 4,227 | 3,921 | 2,252 | 2,436 | 1 | 1 | 11,048 | 10,291 |
| South Carolina | 2,476 | 2,188 | 2,267 | 2,125 | 2,229 | 2,238 | 0 | 0 | 6,971 | 6,551 |
| Virginia | 3,109 | 2,620 | 5,566 | 5,779 | 1,494 | 1,481 | 22 | 22 | 10,191 | 9,901 |
| West Virginia | 684 | 666 | 631 | 587 | 1,239 | 1,229 | 0 | 0 | 2,554 | 2,482 |
| East South Central | 8,769 | 7,881 | 7,809 | 7,126 | 8,234 | 7,988 | 0 | 0 | 24,812 | 22,995 |
| Alabama | 2,533 | 2,227 | 2,009 | 1,828 | 2,775 | 2,667 | 0 | 0 | 7,316 | 6,722 |
| Kentucky | 1,895 | 1,730 | 1,581 | 1,493 | 2,272 | 2,114 | 0 | 0 | 5,747 | 5,337 |
| Mississippi | 1,391 | 1,228 | 1,233 | 1,128 | 1,348 | 1,323 | 0 | 0 | 3,971 | 3,679 |
| Tennessee | 2,951 | 2,696 | 2,986 | 2,677 | 1,840 | 1,883 | 0 | 0 | 7,777 | 7,256 |
| West South Central | 17,929 | 16,230 | 17,992 | 16,956 | 19,948 | 20,999 | 2 | 16 | 55,870 | 54,201 |
| Arkansas | 1,235 | 1,170 | 951 | 930 | 1,634 | 1,567 | 0 | 0 | 3,819 | 3,666 |
| Louisiana | 2,326 | 2,144 | 1,962 | 1,893 | 3,828 | 3,388 | 1 | 1 | 8,117 | 7,426 |
| Oklahoma | 1,763 | 1,639 | 2,041 | 1,878 | 1,967 | 1,911 | 0 | 0 | 5,771 | 5,427 |
| Texas | 12,606 | 11,277 | 13,038 | 12,256 | 12,518 | 14,134 | 1 | 15 | 38,162 | 37,682 |
| Mountain | 8,162 | 8,153 | 8,869 | 8,463 | 7,586 | 7,240 | 13 | 16 | 24,630 | 23,871 |
| Arizona | 3,091 | 3,098 | 2,925 | 2,723 | 1,224 | 1,179 | 1 | 1 | 7,241 | 7,001 |
| Colorado | 1,476 | 1,462 | 1,613 | 1,647 | 1,316 | 1,255 | 7 | 9 | 4,412 | 4,374 |
| Idaho | 635 | 627 | 535 | 535 | 875 | 829 | 0 | 0 | 2,044 | 1,990 |
| Montana | 396 | 384 | 402 | 391 | 403 | 362 | 0 | 0 | 1,201 | 1,136 |
| Nevada | 1,071 | 1,078 | 1,071 | 1,056 | 1,117 | 1,045 | 1 | 1 | 3,260 | 3,180 |
| New Mexico | 521 | 508 | 773 | 755 | 1,114 | 996 | 0 | 0 | 2,408 | 2,260 |
| Utah | 770 | 796 | 1,119 | 1,062 | 752 | 733 | 4 | 5 | 2,645 | 2,596 |
| Wyoming | 202 | 200 | 431 | 293 | 785 | 842 | 0 | 0 | 1,418 | 1,335 |
| Pacific Contiguous | 9,340 | 9,747 | 12,777 | 12,753 | 6,586 | 6,461 | 67 | 81 | 28,770 | 29,041 |
| California | 5,270 | 5,597 | 8,996 | 9,094 | 3,512 | 3,420 | 58 | 71 | 17,836 | 18,182 |
| Oregon | 1,352 | 1,402 | 1,404 | 1,379 | 1,372 | 1,375 | 2 | 2 | 4,130 | 4,158 |
| Washington | 2,718 | 2,748 | 2,378 | 2,279 | 1,702 | 1,666 | 7 | 7 | 6,805 | 6,701 |
| Pacific Noncontiguous | 361 | 362 | 439 | 437 | 398 | 395 | 0 | 0 | 1,197 | 1,194 |
| Alaska | 149 | 152 | 208 | 206 | 111 | 112 | 0 | 0 | 469 | 470 |
| Hawaii | 211 | 211 | 231 | 231 | 286 | 283 | 0 | 0 | 728 | 725 |
| U.S. Total | 109,076 | 100,479 | 115,422 | 110,404 | 86,699 | 86,394 | 596 | 518 | 311,793 | 297,795 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.4.B. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2024 and 2023 (Thousand Megawatthours)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 19,578 | 18,549 | 19,866 | 19,379 | 5,806 | 6,058 | 211 | 201 | 45,461 | 44,186 |
| Connecticut | 5,072 | 4,825 | 4,524 | 4,424 | 1,020 | 1,035 | 77 | 72 | 10,692 | 10,355 |
| Maine | 2,233 | 2,151 | 1,682 | 1,684 | 884 | 1,019 | 0 | 0 | 4,799 | 4,854 |
| Massachusetts | 8,236 | 7,678 | 9,785 | 9,470 | 2,310 | 2,442 | 123 | 119 | 20,453 | 19,709 |
| New Hampshire | 1,917 | 1,883 | 1,613 | 1,627 | 809 | 773 | 0 | 0 | 4,339 | 4,283 |
| Rhode Island | 1,187 | 1,105 | 1,478 | 1,410 | 252 | 253 | 11 | 10 | 2,928 | 2,779 |
| Vermont | 933 | 908 | 786 | 765 | 532 | 534 | 0 | 0 | 2,251 | 2,207 |
| Middle Atlantic | 56,495 | 50,663 | 58,199 | 56,596 | 29,527 | 29,074 | 1,512 | 1,361 | 145,733 | 137,694 |
| New Jersey | 10,522 | 9,913 | 14,419 | 14,095 | 2,555 | 2,509 | 190 | 94 | 27,686 | 26,612 |
| New York | 19,294 | 19,314 | 27,737 | 28,144 | 6,333 | 6,146 | 1,124 | 1,077 | 54,488 | 54,682 |
| Pennsylvania | 26,679 | 21,435 | 16,043 | 14,356 | 20,638 | 20,419 | 199 | 189 | 63,558 | 56,400 |
| East North Central | 72,932 | 71,217 | 71,169 | 69,377 | 76,893 | 74,864 | 220 | 196 | 221,213 | 215,655 |
| Illinois | 17,206 | 16,359 | 17,889 | 18,304 | 17,285 | 16,738 | 196 | 174 | 52,576 | 51,575 |
| Indiana | 13,211 | 12,698 | 9,033 | 9,041 | 17,347 | 16,658 | 6 | 5 | 39,598 | 38,401 |
| Michigan | 12,995 | 12,988 | 14,929 | 14,579 | 11,653 | 11,577 | 3 | 2 | 39,579 | 39,146 |
| Ohio | 20,721 | 20,126 | 19,937 | 18,132 | 21,109 | 20,424 | 15 | 14 | 61,782 | 58,696 |
| Wisconsin | 8,798 | 9,047 | 9,381 | 9,321 | 9,499 | 9,468 | 1 | 0 | 27,679 | 27,836 |
| West North Central | 43,259 | 44,099 | 42,363 | 41,293 | 41,787 | 40,829 | 18 | 18 | 127,427 | 126,239 |
| Iowa | 6,015 | 6,225 | 5,024 | 5,008 | 11,232 | 11,220 | 0 | 0 | 22,271 | 22,453 |
| Kansas | 5,063 | 4,969 | 6,227 | 6,182 | 4,619 | 4,627 | 0 | 0 | 15,908 | 15,778 |
| Minnesota | 9,362 | 9,852 | 8,984 | 9,061 | 8,249 | 8,195 | 7 | 8 | 26,602 | 27,116 |
| Missouri | 14,085 | 13,758 | 11,586 | 11,362 | 5,297 | 5,162 | 11 | 9 | 30,979 | 30,291 |
| Nebraska | 4,254 | 4,472 | 4,068 | 3,825 | 5,270 | 4,931 | 0 | 0 | 13,593 | 13,228 |
| North Dakota | 2,236 | 2,419 | 4,445 | 3,838 | 5,799 | 5,452 | 0 | 0 | 12,480 | 11,709 |
| South Dakota | 2,244 | 2,405 | 2,029 | 2,018 | 1,321 | 1,241 | 0 | 0 | 5,595 | 5,664 |
| South Atlantic | 146,104 | 139,018 | 133,859 | 128,149 | 57,141 | 56,720 | 495 | 440 | 337,598 | 324,326 |
| Delaware | 2,058 | 1,934 | 1,634 | 1,559 | 733 | 745 | 0 | 0 | 4,425 | 4,238 |
| District of Columbia | 931 | 908 | 2,804 | 2,731 | 77 | 69 | 122 | 110 | 3,935 | 3,818 |
| Florida | 49,230 | 49,002 | 38,381 | 37,824 | 7,124 | 6,936 | 29 | 29 | 94,765 | 93,791 |
| Georgia | 23,439 | 21,676 | 19,268 | 18,323 | 13,648 | 13,383 | 63 | 60 | 56,417 | 53,442 |
| Maryland | 10,935 | 10,313 | 10,858 | 10,500 | 1,367 | 1,375 | 178 | 165 | 23,339 | 22,353 |
| North Carolina | 24,242 | 22,273 | 19,630 | 18,691 | 10,625 | 10,814 | 5 | 5 | 54,501 | 51,783 |
| South Carolina | 12,372 | 11,417 | 10,204 | 9,575 | 10,298 | 10,405 | 0 | 0 | 32,875 | 31,396 |
| Virginia | 18,359 | 17,107 | 28,066 | 26,073 | 7,160 | 6,996 | 97 | 71 | 53,682 | 50,248 |
| West Virginia | 4,537 | 4,388 | 3,013 | 2,873 | 6,109 | 5,998 | 0 | 0 | 13,659 | 13,259 |
| East South Central | 48,337 | 44,773 | 36,093 | 34,479 | 39,440 | 38,951 | 0 | 0 | 123,870 | 118,204 |
| Alabama | 12,633 | 11,564 | 8,950 | 8,576 | 12,993 | 12,759 | 0 | 0 | 34,576 | 32,898 |
| Kentucky | 10,806 | 9,996 | 7,668 | 7,255 | 10,969 | 10,617 | 0 | 0 | 29,443 | 27,869 |
| Mississippi | 7,182 | 6,737 | 5,658 | 5,332 | 6,441 | 6,430 | 0 | 0 | 19,280 | 18,499 |
| Tennessee | 17,717 | 16,477 | 13,817 | 13,316 | 9,037 | 9,145 | 0 | 0 | 40,571 | 38,938 |
| West South Central | 84,588 | 81,561 | 81,927 | 79,857 | 91,807 | 94,620 | 8 | 74 | 258,330 | 256,111 |
| Arkansas | 7,312 | 6,992 | 4,488 | 4,402 | 7,797 | 7,418 | 0 | 0 | 19,598 | 18,812 |
| Louisiana | 11,137 | 10,820 | 8,972 | 8,914 | 16,820 | 16,508 | 4 | 4 | 36,933 | 36,246 |
| Oklahoma | 8,696 | 8,549 | 9,012 | 8,408 | 9,266 | 9,156 | 0 | 0 | 26,973 | 26,113 |
| Texas | 57,443 | 55,200 | 59,455 | 58,132 | 57,924 | 61,538 | 4 | 70 | 174,826 | 174,940 |
| Mountain | 39,544 | 40,688 | 41,584 | 40,003 | 35,322 | 33,899 | 67 | 70 | 116,517 | 114,661 |
| Arizona | 12,450 | 12,747 | 12,638 | 11,782 | 5,767 | 5,647 | 4 | 4 | 30,859 | 30,180 |
| Colorado | 7,849 | 7,948 | 8,304 | 8,270 | 6,237 | 6,193 | 38 | 40 | 22,428 | 22,452 |
| Idaho | 4,095 | 4,295 | 2,790 | 2,759 | 3,239 | 3,169 | 0 | 0 | 10,124 | 10,223 |
| Montana | 2,644 | 2,703 | 2,127 | 2,114 | 1,999 | 1,831 | 0 | 0 | 6,771 | 6,648 |
| Nevada | 4,383 | 4,591 | 4,826 | 4,769 | 5,070 | 4,786 | 3 | 3 | 14,281 | 14,148 |
| New Mexico | 2,673 | 2,729 | 3,632 | 3,566 | 5,342 | 4,806 | 0 | 0 | 11,647 | 11,101 |
| Utah | 4,074 | 4,236 | 5,392 | 5,192 | 3,513 | 3,375 | 22 | 23 | 13,001 | 12,826 |
| Wyoming | 1,376 | 1,440 | 1,876 | 1,550 | 4,155 | 4,092 | 0 | 0 | 7,406 | 7,082 |
| Pacific Contiguous | 57,037 | 59,857 | 63,602 | 62,632 | 31,159 | 30,658 | 335 | 354 | 152,133 | 153,501 |
| California | 30,466 | 32,119 | 44,154 | 43,330 | 15,867 | 15,740 | 289 | 300 | 90,776 | 91,488 |
| Oregon | 8,669 | 9,272 | 7,067 | 7,007 | 6,707 | 6,510 | 9 | 9 | 22,451 | 22,798 |
| Washington | 17,903 | 18,467 | 12,382 | 12,294 | 8,585 | 8,409 | 36 | 45 | 38,906 | 39,215 |
| Pacific Noncontiguous | 1,968 | 1,989 | 2,196 | 2,193 | 1,942 | 1,930 | 0 | 0 | 6,106 | 6,112 |
| Alaska | 943 | 922 | 1,112 | 1,095 | 584 | 573 | 0 | 0 | 2,639 | 2,590 |
| Hawaii | 1,025 | 1,067 | 1,084 | 1,098 | 1,358 | 1,358 | 0 | 0 | 3,467 | 3,522 |
| U.S. Total | 569,841 | 552,415 | 550,858 | 533,958 | 410,824 | 407,603 | 2,866 | 2,714 | 1,534,388 | 1,496,689 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.5.A. Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector, by State, May 2024 and 2023 (Million Dollars)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 898 | 906 | 739 | 698 | 191 | 186 | 5 | 4 | 1,833 | 1,793 |
| Connecticut | 236 | 259 | 182 | 179 | 33 | 31 | 3 | 2 | 454 | 470 |
| Maine | 79 | 97 | 56 | 59 | 24 | 23 | 0 | 0 | 159 | 179 |
| Massachusetts | 415 | 376 | 352 | 321 | 82 | 86 | 2 | 2 | 852 | 784 |
| New Hampshire | 75 | 96 | 58 | 64 | 29 | 25 | 0 | 0 | 162 | 184 |
| Rhode Island | 59 | 47 | 60 | 49 | 11 | 10 | 0 | 0 | 130 | 107 |
| Vermont | 34 | 31 | 29 | 27 | 12 | 11 | 0 | 0 | 75 | 69 |
| Middle Atlantic | 2,043 | 1,649 | 1,710 | 1,573 | 508 | 449 | 42 | 35 | 4,304 | 3,706 |
| New Jersey | 399 | 320 | 420 | 400 | 61 | 58 | 4 | 2 | 884 | 779 |
| New York | 796 | 693 | 920 | 871 | 109 | 89 | 33 | 31 | 1,857 | 1,683 |
| Pennsylvania | 849 | 636 | 370 | 302 | 339 | 303 | 5 | 2 | 1,563 | 1,243 |
| East North Central | 2,321 | 2,097 | 1,779 | 1,701 | 1,292 | 1,212 | 3 | 2 | 5,396 | 5,013 |
| Illinois | 603 | 527 | 421 | 424 | 309 | 279 | 3 | 2 | 1,335 | 1,231 |
| Indiana | 355 | 333 | 220 | 228 | 308 | 275 | 0 | 0 | 883 | 836 |
| Michigan | 482 | 434 | 449 | 411 | 205 | 195 | 0 | 0 | 1,136 | 1,040 |
| Ohio | 608 | 538 | 449 | 402 | 310 | 300 | 0 | 0 | 1,367 | 1,240 |
| Wisconsin | 273 | 266 | 240 | 237 | 161 | 163 | 0 | 0 | 674 | 666 |
| West North Central | 1,003 | 991 | 884 | 863 | 636 | 643 | 0 | 0 | 2,524 | 2,497 |
| Iowa | 142 | 142 | 102 | 103 | 145 | 153 | 0 | 0 | 389 | 398 |
| Kansas | 139 | 137 | 143 | 144 | 77 | 76 | 0 | 0 | 359 | 358 |
| Minnesota | 247 | 249 | 221 | 228 | 156 | 153 | 0 | 0 | 623 | 631 |
| Missouri | 307 | 297 | 227 | 225 | 84 | 81 | 0 | 0 | 618 | 603 |
| Nebraska | 83 | 83 | 82 | 69 | 73 | 80 | 0 | 0 | 238 | 232 |
| North Dakota | 40 | 37 | 69 | 55 | 80 | 78 | 0 | 0 | 189 | 170 |
| South Dakota | 46 | 46 | 40 | 38 | 22 | 21 | 0 | 0 | 108 | 105 |
| South Atlantic | 4,338 | 3,894 | 3,098 | 3,002 | 902 | 888 | 10 | 9 | 8,348 | 7,793 |
| Delaware | 56 | 46 | 39 | 35 | 11 | 13 | 0 | 0 | 107 | 95 |
| District of Columbia | 31 | 26 | 95 | 88 | 2 | 2 | 3 | 2 | 129 | 117 |
| Florida | 1,658 | 1,633 | 951 | 980 | 129 | 134 | 1 | 1 | 2,738 | 2,748 |
| Georgia | 694 | 589 | 461 | 430 | 187 | 178 | 1 | 1 | 1,343 | 1,197 |
| Maryland | 328 | 268 | 282 | 259 | 29 | 28 | 4 | 3 | 643 | 558 |
| North Carolina | 648 | 520 | 434 | 370 | 170 | 161 | 0 | 0 | 1,252 | 1,051 |
| South Carolina | 348 | 315 | 228 | 220 | 144 | 150 | 0 | 0 | 720 | 685 |
| Virginia | 467 | 400 | 531 | 555 | 131 | 132 | 2 | 2 | 1,132 | 1,089 |
| West Virginia | 109 | 97 | 76 | 65 | 99 | 90 | 0 | 0 | 284 | 252 |
| East South Central | 1,179 | 1,046 | 935 | 856 | 534 | 536 | 0 | 0 | 2,648 | 2,438 |
| Alabama | 373 | 323 | 261 | 233 | 196 | 190 | 0 | 0 | 830 | 747 |
| Kentucky | 245 | 217 | 184 | 171 | 141 | 140 | 0 | 0 | 571 | 528 |
| Mississippi | 193 | 173 | 147 | 143 | 90 | 92 | 0 | 0 | 430 | 407 |
| Tennessee | 368 | 333 | 342 | 309 | 108 | 115 | 0 | 0 | 818 | 756 |
| West South Central | 2,483 | 2,224 | 1,594 | 1,499 | 1,187 | 1,220 | 0 | 1 | 5,265 | 4,944 |
| Arkansas | 151 | 144 | 95 | 95 | 97 | 99 | 0 | 0 | 344 | 338 |
| Louisiana | 267 | 251 | 197 | 195 | 201 | 193 | 0 | 0 | 666 | 639 |
| Oklahoma | 206 | 194 | 164 | 158 | 103 | 112 | 0 | 0 | 474 | 464 |
| Texas | 1,858 | 1,636 | 1,138 | 1,050 | 786 | 816 | 0 | 1 | 3,782 | 3,503 |
| Mountain | 1,179 | 1,136 | 985 | 925 | 562 | 529 | 1 | 2 | 2,727 | 2,592 |
| Arizona | 479 | 443 | 376 | 329 | 95 | 92 | 0 | 0 | 950 | 865 |
| Colorado | 218 | 210 | 189 | 185 | 116 | 107 | 1 | 1 | 523 | 503 |
| Idaho | 73 | 68 | 49 | 45 | 62 | 54 | 0 | 0 | 185 | 167 |
| Montana | 52 | 49 | 49 | 48 | 27 | 19 | 0 | 0 | 129 | 116 |
| Nevada | 173 | 188 | 110 | 120 | 88 | 95 | 0 | 0 | 371 | 403 |
| New Mexico | 72 | 68 | 79 | 78 | 67 | 58 | 0 | 0 | 218 | 204 |
| Utah | 85 | 86 | 94 | 90 | 47 | 46 | 1 | 1 | 226 | 223 |
| Wyoming | 26 | 24 | 39 | 29 | 60 | 58 | 0 | 0 | 125 | 111 |
| Pacific Contiguous | 2,342 | 2,156 | 2,550 | 2,354 | 952 | 800 | 10 | 10 | 5,855 | 5,321 |
| California | 1,808 | 1,668 | 2,140 | 1,986 | 745 | 612 | 9 | 9 | 4,703 | 4,275 |
| Oregon | 203 | 182 | 161 | 142 | 102 | 91 | 0 | 0 | 466 | 415 |
| Washington | 331 | 307 | 249 | 226 | 105 | 97 | 1 | 1 | 685 | 631 |
| Pacific Noncontiguous | 131 | 127 | 136 | 135 | 124 | 123 | 0 | 0 | 390 | 384 |
| Alaska | 37 | 38 | 44 | 44 | 22 | 23 | 0 | 0 | 103 | 105 |
| Hawaii | 93 | 89 | 92 | 91 | 102 | 100 | 0 | 0 | 287 | 280 |
| U.S. Total | 17,917 | 16,225 | 14,410 | 13,605 | 6,889 | 6,587 | 73 | 64 | 39,290 | 36,481 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.5.B. Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2024 and 2023 (Million Dollars)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 5,356 | 5,660 | 3,995 | 3,841 | 946 | 959 | 27 | 27 | 10,323 | 10,487 |
| Connecticut | 1,442 | 1,572 | 922 | 915 | 165 | 161 | 13 | 16 | 2,543 | 2,664 |
| Maine | 512 | 588 | 311 | 301 | 122 | 122 | 0 | 0 | 945 | 1,011 |
| Massachusetts | 2,395 | 2,427 | 2,002 | 1,898 | 415 | 440 | 12 | 9 | 4,824 | 4,774 |
| New Hampshire | 451 | 583 | 318 | 356 | 133 | 126 | 0 | 0 | 902 | 1,065 |
| Rhode Island | 354 | 304 | 296 | 237 | 50 | 49 | 2 | 2 | 702 | 592 |
| Vermont | 201 | 185 | 146 | 135 | 61 | 60 | 0 | 0 | 408 | 381 |
| Middle Atlantic | 11,147 | 9,832 | 8,795 | 8,314 | 2,408 | 2,326 | 203 | 193 | 22,552 | 20,665 |
| New Jersey | 1,906 | 1,696 | 2,028 | 1,935 | 301 | 290 | 21 | 12 | 4,255 | 3,934 |
| New York | 4,552 | 4,229 | 4,961 | 4,734 | 496 | 429 | 162 | 162 | 10,171 | 9,553 |
| Pennsylvania | 4,689 | 3,908 | 1,807 | 1,645 | 1,611 | 1,606 | 20 | 19 | 8,126 | 7,178 |
| East North Central | 11,949 | 11,630 | 8,649 | 8,352 | 6,161 | 6,090 | 18 | 14 | 26,777 | 26,085 |
| Illinois | 2,745 | 2,816 | 2,097 | 2,132 | 1,520 | 1,409 | 16 | 13 | 6,378 | 6,370 |
| Indiana | 1,915 | 1,978 | 1,140 | 1,197 | 1,398 | 1,475 | 1 | 1 | 4,454 | 4,650 |
| Michigan | 2,446 | 2,353 | 2,084 | 1,932 | 964 | 937 | 0 | 0 | 5,493 | 5,223 |
| Ohio | 3,344 | 2,989 | 2,155 | 1,927 | 1,493 | 1,486 | 1 | 0 | 6,993 | 6,403 |
| Wisconsin | 1,499 | 1,493 | 1,173 | 1,164 | 785 | 782 | 0 | 0 | 3,458 | 3,440 |
| West North Central | 5,491 | 5,406 | 4,217 | 4,159 | 3,102 | 3,031 | 2 | 2 | 12,812 | 12,597 |
| Iowa | 765 | 756 | 486 | 480 | 695 | 680 | 0 | 0 | 1,946 | 1,916 |
| Kansas | 699 | 689 | 677 | 699 | 364 | 390 | 0 | 0 | 1,740 | 1,777 |
| Minnesota | 1,376 | 1,370 | 1,062 | 1,085 | 746 | 736 | 1 | 1 | 3,184 | 3,192 |
| Missouri | 1,666 | 1,595 | 1,086 | 1,060 | 390 | 391 | 1 | 1 | 3,143 | 3,047 |
| Nebraska | 470 | 470 | 366 | 338 | 386 | 358 | 0 | 0 | 1,222 | 1,166 |
| North Dakota | 241 | 246 | 334 | 298 | 413 | 378 | 0 | 0 | 989 | 921 |
| South Dakota | 274 | 281 | 206 | 198 | 108 | 98 | 0 | 0 | 588 | 577 |
| South Atlantic | 21,308 | 20,097 | 14,749 | 14,318 | 4,314 | 4,284 | 50 | 45 | 40,421 | 38,745 |
| Delaware | 340 | 294 | 198 | 187 | 60 | 65 | 0 | 0 | 598 | 546 |
| District of Columbia | 162 | 142 | 481 | 455 | 8 | 8 | 12 | 11 | 663 | 616 |
| Florida | 7,162 | 7,474 | 4,385 | 4,563 | 631 | 684 | 3 | 3 | 12,181 | 12,724 |
| Georgia | 3,157 | 2,913 | 2,179 | 2,065 | 880 | 879 | 4 | 4 | 6,220 | 5,861 |
| Maryland | 1,936 | 1,651 | 1,383 | 1,397 | 141 | 136 | 20 | 18 | 3,480 | 3,202 |
| North Carolina | 3,498 | 2,896 | 2,091 | 1,801 | 827 | 759 | 1 | 0 | 6,416 | 5,456 |
| South Carolina | 1,760 | 1,629 | 1,068 | 1,021 | 685 | 698 | 0 | 0 | 3,512 | 3,348 |
| Virginia | 2,627 | 2,489 | 2,614 | 2,508 | 617 | 626 | 9 | 8 | 5,867 | 5,631 |
| West Virginia | 666 | 609 | 352 | 321 | 466 | 430 | 0 | 0 | 1,484 | 1,360 |
| East South Central | 6,445 | 5,897 | 4,457 | 4,254 | 2,647 | 2,651 | 0 | 0 | 13,549 | 12,802 |
| Alabama | 1,901 | 1,694 | 1,213 | 1,128 | 924 | 874 | 0 | 0 | 4,038 | 3,696 |
| Kentucky | 1,370 | 1,249 | 904 | 852 | 719 | 728 | 0 | 0 | 2,993 | 2,829 |
| Mississippi | 976 | 928 | 685 | 693 | 438 | 464 | 0 | 0 | 2,099 | 2,085 |
| Tennessee | 2,198 | 2,026 | 1,656 | 1,582 | 565 | 585 | 0 | 0 | 4,419 | 4,192 |
| West South Central | 11,565 | 11,071 | 7,382 | 7,256 | 5,493 | 5,865 | 1 | 6 | 24,441 | 24,198 |
| Arkansas | 880 | 838 | 464 | 456 | 489 | 491 | 0 | 0 | 1,833 | 1,785 |
| Louisiana | 1,282 | 1,289 | 939 | 984 | 979 | 1,052 | 0 | 0 | 3,200 | 3,326 |
| Oklahoma | 1,010 | 997 | 749 | 736 | 508 | 560 | 0 | 0 | 2,268 | 2,293 |
| Texas | 8,393 | 7,947 | 5,230 | 5,080 | 3,516 | 3,762 | 0 | 5 | 17,140 | 16,795 |
| Mountain | 5,484 | 5,385 | 4,466 | 4,219 | 2,623 | 2,556 | 7 | 7 | 12,579 | 12,168 |
| Arizona | 1,851 | 1,729 | 1,515 | 1,316 | 438 | 431 | 0 | 0 | 3,804 | 3,477 |
| Colorado | 1,143 | 1,117 | 934 | 925 | 539 | 518 | 4 | 4 | 2,619 | 2,563 |
| Idaho | 457 | 446 | 253 | 230 | 224 | 198 | 0 | 0 | 934 | 873 |
| Montana | 325 | 321 | 249 | 247 | 161 | 148 | 0 | 0 | 736 | 716 |
| Nevada | 723 | 789 | 519 | 551 | 406 | 462 | 0 | 0 | 1,648 | 1,803 |
| New Mexico | 376 | 371 | 378 | 373 | 307 | 285 | 0 | 0 | 1,062 | 1,030 |
| Utah | 447 | 457 | 443 | 431 | 240 | 233 | 3 | 3 | 1,134 | 1,124 |
| Wyoming | 160 | 155 | 175 | 145 | 308 | 282 | 0 | 0 | 643 | 582 |
| Pacific Contiguous | 13,097 | 12,157 | 12,442 | 11,312 | 4,083 | 3,641 | 52 | 42 | 29,673 | 27,152 |
| California | 9,782 | 9,024 | 10,319 | 9,347 | 3,041 | 2,641 | 47 | 36 | 23,189 | 21,048 |
| Oregon | 1,242 | 1,142 | 813 | 723 | 497 | 468 | 1 | 1 | 2,554 | 2,335 |
| Washington | 2,072 | 1,991 | 1,310 | 1,241 | 544 | 533 | 4 | 5 | 3,930 | 3,770 |
| Pacific Noncontiguous | 684 | 680 | 680 | 680 | 606 | 621 | 0 | 0 | 1,970 | 1,981 |
| Alaska | 228 | 213 | 237 | 225 | 113 | 110 | 0 | 0 | 577 | 548 |
| Hawaii | 457 | 467 | 443 | 455 | 493 | 511 | 0 | 0 | 1,392 | 1,433 |
| U.S. Total | 92,525 | 87,815 | 69,833 | 66,705 | 32,381 | 32,024 | 359 | 336 | 195,098 | 186,879 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.6.A. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, May 2024 and 2023 (Cents per Kilowatthour)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 26.40 | 29.35 | 19.06 | 18.10 | 15.76 | 15.18 | 12.30 | 10.54 | 21.48 | 21.87 |
| Connecticut | 26.76 | 31.34 | 19.37 | 19.27 | 15.82 | 14.45 | 16.03 | 14.40 | 22.15 | 23.76 |
| Maine | 20.48 | 29.24 | 18.10 | 18.60 | 12.56 | 11.94 | -- | -- | 17.96 | 21.27 |
| Massachusetts | 28.70 | 29.07 | 18.90 | 17.47 | 17.52 | 17.36 | 8.74 | 7.51 | 22.40 | 21.51 |
| New Hampshire | 23.01 | 30.67 | 19.44 | 20.39 | 15.91 | 15.23 | -- | -- | 20.09 | 23.41 |
| Rhode Island | 28.09 | 26.90 | 19.85 | 15.61 | 19.83 | 18.11 | 20.63 | 16.88 | 22.88 | 19.51 |
| Vermont | 22.30 | 21.03 | 18.75 | 17.98 | 11.14 | 10.66 | -- | -- | 18.13 | 17.20 |
| Middle Atlantic | 20.02 | 18.96 | 15.14 | 14.46 | 8.29 | 7.66 | 12.82 | 14.50 | 15.39 | 14.43 |
| New Jersey | 18.58 | 17.17 | 14.83 | 14.22 | 11.75 | 11.51 | 10.96 | 12.90 | 15.97 | 15.01 |
| New York | 23.60 | 20.47 | 17.72 | 16.46 | 8.72 | 6.85 | 13.77 | 15.18 | 18.48 | 16.55 |
| Pennsylvania | 18.10 | 18.45 | 11.31 | 10.89 | 7.75 | 7.45 | 9.90 | 9.30 | 12.62 | 12.05 |
| East North Central | 17.07 | 16.85 | 12.36 | 12.14 | 8.08 | 7.86 | 9.06 | 7.36 | 12.26 | 11.96 |
| Illinois | 16.71 | 17.94 | 12.73 | 11.77 | 9.10 | 8.18 | 9.01 | 7.35 | 12.91 | 12.34 |
| Indiana | 15.27 | 15.12 | 12.59 | 12.17 | 7.96 | 8.09 | 12.60 | -- | 11.12 | 11.18 |
| Michigan | 19.44 | 18.56 | 14.39 | 13.72 | 8.67 | 8.17 | 14.62 | 14.07 | 14.26 | 13.47 |
| Ohio | 16.65 | 15.66 | 10.41 | 10.98 | 6.97 | 7.05 | 6.44 | 5.85 | 11.02 | 10.92 |
| Wisconsin | 17.82 | 17.33 | 12.60 | 12.57 | 8.37 | 8.31 | 18.37 | 16.33 | 12.57 | 12.38 |
| West North Central | 13.73 | 13.45 | 9.95 | 10.40 | 7.50 | 7.41 | 10.38 | 10.30 | 10.23 | 10.26 |
| Iowa | 14.23 | 14.18 | 10.11 | 10.61 | 6.26 | 6.39 | -- | -- | 9.01 | 9.12 |
| Kansas | 14.14 | 14.09 | 10.67 | 11.01 | 7.66 | 7.84 | -- | -- | 10.78 | 10.98 |
| Minnesota | 15.69 | 15.16 | 12.19 | 12.75 | 9.28 | 8.87 | 13.76 | 12.66 | 12.31 | 12.22 |
| Missouri | 12.62 | 12.46 | 9.46 | 9.60 | 7.27 | 7.59 | 8.43 | 8.43 | 10.32 | 10.40 |
| Nebraska | 12.22 | 11.88 | 8.28 | 9.14 | 7.68 | 7.31 | -- | -- | 9.08 | 9.10 |
| North Dakota | 13.04 | 11.70 | 7.30 | 7.33 | 7.12 | 6.78 | -- | -- | 7.95 | 7.67 |
| South Dakota | 13.63 | 12.99 | 10.35 | 10.13 | 8.32 | 8.10 | -- | -- | 10.93 | 10.61 |
| South Atlantic | 14.46 | 14.69 | 10.65 | 10.87 | 7.44 | 7.31 | 10.04 | 10.27 | 11.71 | 11.74 |
| Delaware | 17.27 | 16.65 | 11.53 | 11.97 | 7.69 | 9.22 | -- | -- | 13.13 | 13.24 |
| District of Columbia | 17.76 | 16.97 | 16.93 | 16.85 | 11.12 | 11.14 | 9.67 | 10.39 | 16.75 | 16.57 |
| Florida | 13.63 | 15.11 | 10.47 | 11.71 | 8.32 | 9.27 | 9.94 | 11.49 | 12.01 | 13.32 |
| Georgia | 14.92 | 14.00 | 11.15 | 10.91 | 6.42 | 6.24 | 5.73 | 5.94 | 11.46 | 10.88 |
| Maryland | 17.63 | 16.08 | 12.46 | 12.38 | 10.21 | 9.59 | 11.62 | 11.33 | 14.47 | 13.68 |
| North Carolina | 14.18 | 13.22 | 10.27 | 9.43 | 7.54 | 6.62 | 10.21 | 8.16 | 11.33 | 10.22 |
| South Carolina | 14.07 | 14.38 | 10.04 | 10.37 | 6.47 | 6.69 | -- | -- | 10.33 | 10.45 |
| Virginia | 15.02 | 15.27 | 9.55 | 9.61 | 8.76 | 8.89 | 10.49 | 10.76 | 11.10 | 11.00 |
| West Virginia | 15.98 | 14.63 | 12.07 | 11.07 | 7.98 | 7.31 | -- | -- | 11.13 | 10.16 |
| East South Central | 13.44 | 13.27 | 11.97 | 12.02 | 6.49 | 6.72 | -- | -- | 10.67 | 10.60 |
| Alabama | 14.73 | 14.51 | 12.98 | 12.77 | 7.06 | 7.13 | -- | -- | 11.34 | 11.11 |
| Kentucky | 12.94 | 12.53 | 11.65 | 11.46 | 6.22 | 6.62 | -- | -- | 9.93 | 9.89 |
| Mississippi | 13.86 | 14.09 | 11.95 | 12.66 | 6.65 | 6.92 | -- | -- | 10.82 | 11.07 |
| Tennessee | 12.46 | 12.34 | 11.46 | 11.54 | 5.85 | 6.09 | -- | -- | 10.52 | 10.42 |
| West South Central | 13.85 | 13.71 | 8.86 | 8.84 | 5.95 | 5.81 | 8.21 | 7.33 | 9.42 | 9.12 |
| Arkansas | 12.27 | 12.31 | 10.04 | 10.26 | 5.91 | 6.30 | 13.49 | 15.06 | 8.99 | 9.22 |
| Louisiana | 11.49 | 11.69 | 10.03 | 10.31 | 5.26 | 5.70 | 12.32 | 11.47 | 8.20 | 8.61 |
| Oklahoma | 11.70 | 11.83 | 8.04 | 8.42 | 5.26 | 5.85 | -- | -- | 8.21 | 8.55 |
| Texas | 14.74 | 14.51 | 8.73 | 8.57 | 6.28 | 5.78 | 4.22 | 7.09 | 9.91 | 9.30 |
| Mountain | 14.44 | 13.93 | 11.11 | 10.93 | 7.41 | 7.31 | 10.46 | 9.72 | 11.07 | 10.86 |
| Arizona | 15.50 | 14.30 | 12.84 | 12.09 | 7.77 | 7.83 | 11.43 | 10.56 | 13.12 | 12.35 |
| Colorado | 14.74 | 14.37 | 11.71 | 11.26 | 8.83 | 8.53 | 9.22 | 8.21 | 11.86 | 11.51 |
| Idaho | 11.55 | 10.79 | 9.19 | 8.46 | 7.10 | 6.57 | -- | -- | 9.03 | 8.41 |
| Montana | 13.26 | 12.82 | 12.20 | 12.27 | 6.82 | 5.17 | -- | -- | 10.74 | 10.19 |
| Nevada | 16.18 | 17.43 | 10.25 | 11.37 | 7.87 | 9.09 | 11.85 | 13.02 | 11.38 | 12.68 |
| New Mexico | 13.84 | 13.30 | 10.23 | 10.32 | 5.99 | 5.85 | -- | -- | 9.05 | 9.02 |
| Utah | 11.01 | 10.84 | 8.43 | 8.50 | 6.21 | 6.26 | 12.06 | 12.30 | 8.56 | 8.59 |
| Wyoming | 12.81 | 11.93 | 9.12 | 9.87 | 7.61 | 6.86 | -- | -- | 8.81 | 8.28 |
| Pacific Contiguous | 25.07 | 22.12 | 19.96 | 18.46 | 14.46 | 12.39 | 15.46 | 12.83 | 20.35 | 18.32 |
| California | 34.31 | 29.80 | 23.79 | 21.83 | 21.23 | 17.91 | 16.08 | 13.11 | 26.37 | 23.51 |
| Oregon | 15.03 | 12.95 | 11.49 | 10.29 | 7.40 | 6.64 | 12.61 | 11.54 | 11.29 | 9.98 |
| Washington | 12.16 | 11.17 | 10.46 | 9.94 | 6.17 | 5.81 | 11.01 | 10.42 | 10.07 | 9.42 |
| Pacific Noncontiguous | 36.22 | 34.98 | 30.89 | 30.87 | 31.14 | 31.08 | -- | -- | 32.58 | 32.19 |
| Alaska | 25.02 | 24.86 | 21.06 | 21.45 | 19.75 | 20.30 | -- | -- | 22.01 | 22.28 |
| Hawaii | 44.14 | 42.26 | 39.76 | 39.28 | 35.57 | 35.34 | -- | -- | 39.38 | 38.61 |
| U.S. Total | 16.43 | 16.15 | 12.48 | 12.32 | 7.95 | 7.62 | 12.29 | 12.36 | 12.60 | 12.25 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.6.B. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2024 and 2023 (Cents per Kilowatthour)

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD | May 2024 YTD | May 2023 YTD |
| New England | 27.36 | 30.51 | 20.11 | 19.82 | 16.28 | 15.83 | 12.69 | 13.26 | 22.71 | 23.73 |
| Connecticut | 28.44 | 32.59 | 20.39 | 20.68 | 16.19 | 15.55 | 16.89 | 22.08 | 23.78 | 25.73 |
| Maine | 22.94 | 27.34 | 18.48 | 17.85 | 13.77 | 12.02 | -- | -- | 19.69 | 20.83 |
| Massachusetts | 29.08 | 31.61 | 20.46 | 20.04 | 17.96 | 18.03 | 9.39 | 7.62 | 23.58 | 24.22 |
| New Hampshire | 23.54 | 30.96 | 19.71 | 21.91 | 16.44 | 16.27 | -- | -- | 20.79 | 24.87 |
| Rhode Island | 29.85 | 27.51 | 20.04 | 16.81 | 19.67 | 19.39 | 20.25 | 16.68 | 23.98 | 21.30 |
| Vermont | 21.54 | 20.42 | 18.58 | 17.65 | 11.50 | 11.31 | -- | -- | 18.14 | 17.26 |
| Middle Atlantic | 19.73 | 19.41 | 15.11 | 14.69 | 8.16 | 8.00 | 13.39 | 14.20 | 15.48 | 15.01 |
| New Jersey | 18.12 | 17.10 | 14.06 | 13.73 | 11.76 | 11.58 | 10.81 | 13.25 | 15.37 | 14.78 |
| New York | 23.59 | 21.89 | 17.88 | 16.82 | 7.83 | 6.98 | 14.44 | 15.01 | 18.67 | 17.47 |
| Pennsylvania | 17.57 | 18.23 | 11.26 | 11.46 | 7.81 | 7.86 | 9.94 | 10.06 | 12.79 | 12.73 |
| East North Central | 16.38 | 16.33 | 12.15 | 12.04 | 8.01 | 8.13 | 8.37 | 7.16 | 12.10 | 12.10 |
| Illinois | 15.95 | 17.21 | 11.72 | 11.65 | 8.79 | 8.42 | 8.29 | 7.32 | 12.13 | 12.35 |
| Indiana | 14.49 | 15.58 | 12.63 | 13.24 | 8.06 | 8.85 | 12.00 | 13.29 | 11.25 | 12.11 |
| Michigan | 18.82 | 18.12 | 13.96 | 13.25 | 8.27 | 8.10 | 14.26 | 13.17 | 13.88 | 13.34 |
| Ohio | 16.14 | 14.85 | 10.81 | 10.63 | 7.07 | 7.28 | 6.67 | 1.87 | 11.32 | 10.91 |
| Wisconsin | 17.04 | 16.51 | 12.50 | 12.48 | 8.27 | 8.26 | 18.57 | 16.27 | 12.49 | 12.36 |
| West North Central | 12.69 | 12.26 | 9.96 | 10.07 | 7.42 | 7.42 | 9.80 | 9.76 | 10.05 | 9.98 |
| Iowa | 12.72 | 12.15 | 9.68 | 9.59 | 6.19 | 6.06 | -- | -- | 8.74 | 8.54 |
| Kansas | 13.81 | 13.86 | 10.87 | 11.30 | 7.87 | 8.43 | -- | -- | 10.93 | 11.26 |
| Minnesota | 14.69 | 13.90 | 11.82 | 11.97 | 9.04 | 8.98 | 12.34 | 12.03 | 11.97 | 11.77 |
| Missouri | 11.83 | 11.59 | 9.38 | 9.33 | 7.37 | 7.57 | 8.13 | 7.72 | 10.15 | 10.06 |
| Nebraska | 11.05 | 10.50 | 8.99 | 8.85 | 7.31 | 7.26 | -- | -- | 8.99 | 8.81 |
| North Dakota | 10.80 | 10.17 | 7.51 | 7.75 | 7.13 | 6.93 | -- | -- | 7.92 | 7.87 |
| South Dakota | 12.20 | 11.67 | 10.17 | 9.82 | 8.19 | 7.92 | -- | -- | 10.52 | 10.19 |
| South Atlantic | 14.58 | 14.46 | 11.02 | 11.17 | 7.55 | 7.55 | 10.10 | 10.28 | 11.97 | 11.95 |
| Delaware | 16.54 | 15.22 | 12.09 | 12.02 | 8.19 | 8.67 | -- | -- | 13.51 | 12.89 |
| District of Columbia | 17.39 | 15.63 | 17.14 | 16.68 | 10.97 | 10.96 | 9.96 | 10.33 | 16.85 | 16.14 |
| Florida | 14.55 | 15.25 | 11.43 | 12.06 | 8.86 | 9.87 | 11.32 | 11.38 | 12.85 | 13.57 |
| Georgia | 13.47 | 13.44 | 11.31 | 11.27 | 6.45 | 6.57 | 6.37 | 6.71 | 11.02 | 10.97 |
| Maryland | 17.70 | 16.00 | 12.74 | 13.31 | 10.28 | 9.86 | 11.48 | 10.97 | 14.91 | 14.32 |
| North Carolina | 14.43 | 13.00 | 10.65 | 9.64 | 7.78 | 7.01 | 9.98 | 7.92 | 11.77 | 10.54 |
| South Carolina | 14.22 | 14.27 | 10.46 | 10.66 | 6.65 | 6.71 | -- | -- | 10.68 | 10.66 |
| Virginia | 14.31 | 14.55 | 9.31 | 9.62 | 8.61 | 8.95 | 9.81 | 11.34 | 10.93 | 11.21 |
| West Virginia | 14.67 | 13.89 | 11.67 | 11.16 | 7.64 | 7.17 | -- | -- | 10.86 | 10.26 |
| East South Central | 13.33 | 13.17 | 12.35 | 12.34 | 6.71 | 6.81 | -- | -- | 10.94 | 10.83 |
| Alabama | 15.05 | 14.65 | 13.55 | 13.15 | 7.11 | 6.85 | -- | -- | 11.68 | 11.23 |
| Kentucky | 12.68 | 12.49 | 11.79 | 11.74 | 6.55 | 6.86 | -- | -- | 10.16 | 10.15 |
| Mississippi | 13.59 | 13.77 | 12.10 | 12.99 | 6.81 | 7.22 | -- | -- | 10.89 | 11.27 |
| Tennessee | 12.41 | 12.30 | 11.99 | 11.88 | 6.25 | 6.39 | -- | -- | 10.89 | 10.77 |
| West South Central | 13.67 | 13.57 | 9.01 | 9.09 | 5.98 | 6.20 | 8.50 | 7.54 | 9.46 | 9.45 |
| Arkansas | 12.04 | 11.99 | 10.33 | 10.35 | 6.28 | 6.62 | 13.17 | 13.94 | 9.36 | 9.49 |
| Louisiana | 11.51 | 11.92 | 10.46 | 11.04 | 5.82 | 6.37 | 11.97 | 11.11 | 8.66 | 9.18 |
| Oklahoma | 11.62 | 11.66 | 8.31 | 8.75 | 5.48 | 6.12 | -- | -- | 8.41 | 8.78 |
| Texas | 14.61 | 14.40 | 8.80 | 8.74 | 6.07 | 6.11 | 5.18 | 7.32 | 9.80 | 9.60 |
| Mountain | 13.87 | 13.24 | 10.74 | 10.55 | 7.43 | 7.54 | 10.64 | 10.62 | 10.80 | 10.61 |
| Arizona | 14.87 | 13.57 | 11.98 | 11.17 | 7.59 | 7.64 | 10.28 | 9.39 | 12.33 | 11.52 |
| Colorado | 14.56 | 14.06 | 11.25 | 11.18 | 8.64 | 8.36 | 9.74 | 9.65 | 11.68 | 11.42 |
| Idaho | 11.17 | 10.37 | 9.07 | 8.33 | 6.91 | 6.23 | -- | -- | 9.23 | 8.54 |
| Montana | 12.30 | 11.88 | 11.73 | 11.70 | 8.07 | 8.08 | -- | -- | 10.87 | 10.77 |
| Nevada | 16.50 | 17.19 | 10.75 | 11.56 | 8.00 | 9.64 | 11.87 | 12.82 | 11.54 | 12.74 |
| New Mexico | 14.07 | 13.60 | 10.41 | 10.47 | 5.76 | 5.94 | -- | -- | 9.11 | 9.28 |
| Utah | 10.98 | 10.79 | 8.22 | 8.30 | 6.84 | 6.91 | 12.07 | 12.30 | 8.72 | 8.76 |
| Wyoming | 11.66 | 10.75 | 9.33 | 9.37 | 7.41 | 6.88 | -- | -- | 8.69 | 8.21 |
| Pacific Contiguous | 22.96 | 20.31 | 19.56 | 18.06 | 13.10 | 11.88 | 15.40 | 11.84 | 19.50 | 17.69 |
| California | 32.11 | 28.10 | 23.37 | 21.57 | 19.17 | 16.78 | 16.11 | 12.05 | 25.55 | 23.01 |
| Oregon | 14.33 | 12.32 | 11.51 | 10.32 | 7.42 | 7.19 | 12.55 | 11.34 | 11.38 | 10.24 |
| Washington | 11.57 | 10.78 | 10.58 | 10.10 | 6.34 | 6.34 | 10.51 | 10.52 | 10.10 | 9.61 |
| Pacific Noncontiguous | 34.78 | 34.18 | 30.95 | 31.03 | 31.20 | 32.17 | -- | -- | 32.26 | 32.41 |
| Alaska | 24.16 | 23.10 | 21.29 | 20.55 | 19.33 | 19.18 | -- | -- | 21.88 | 21.16 |
| Hawaii | 44.54 | 43.76 | 40.86 | 41.47 | 36.30 | 37.65 | -- | -- | 40.16 | 40.69 |
| U.S. Total | 16.24 | 15.90 | 12.68 | 12.49 | 7.88 | 7.86 | 12.52 | 12.38 | 12.72 | 12.49 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

## Table 5.7. Number of Ultimate Customers Served by Sector: 2014 - May 2024

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| Annual Totals | | | | | |
| 2014 | 128,680,416 | 17,853,995 | 839,212 | 79 | 147,373,702 |
| 2015 | 129,811,718 | 17,985,690 | 835,536 | 78 | 148,633,022 |
| 2016 | 131,068,760 | 18,148,353 | 838,059 | 86 | 150,055,258 |
| 2017 | 132,579,747 | 18,359,427 | 840,329 | 86 | 151,779,589 |
| 2018 | 133,893,321 | 18,605,393 | 840,321 | 83 | 153,339,118 |
| 2019 | 135,249,616 | 18,694,240 | 954,222 | 83 | 154,898,161 |
| 2020 | 136,682,001 | 18,848,813 | 992,311 | 83 | 156,523,208 |
| 2021 | 138,308,772 | 19,102,304 | 1,022,212 | 82 | 158,433,370 |
| 2022 | 139,854,178 | 19,257,529 | 1,049,983 | 86 | 160,161,776 |
| 2023 | 140,822,653 | 19,334,187 | 1,076,425 | 81 | 161,233,346 |
| Year 2022 | | | | | |
| January | 138,694,350 | 19,145,510 | 1,018,257 | 83 | 158,858,200 |
| February | 138,676,166 | 19,081,239 | 1,009,083 | 84 | 158,766,572 |
| March | 140,257,849 | 19,352,519 | 1,033,938 | 87 | 160,644,393 |
| April | 139,134,445 | 19,174,040 | 1,031,667 | 84 | 159,340,236 |
| May | 139,712,967 | 19,248,194 | 1,048,800 | 84 | 160,010,045 |
| June | 140,050,386 | 19,313,913 | 1,068,161 | 85 | 160,432,545 |
| July | 139,632,048 | 19,233,742 | 1,063,023 | 85 | 159,928,898 |
| August | 140,549,888 | 19,319,344 | 1,080,715 | 84 | 160,950,031 |
| Sept | 140,218,329 | 19,290,292 | 1,073,550 | 84 | 160,582,255 |
| October | 140,334,114 | 19,294,667 | 1,059,659 | 84 | 160,688,524 |
| November | 140,228,398 | 19,291,427 | 1,047,225 | 82 | 160,567,132 |
| December | 140,760,019 | 19,343,829 | 1,064,970 | 83 | 161,168,901 |
| Year 2023 | | | | | |
| January | 140,164,131 | 19,293,282 | 1,060,301 | 81 | 160,517,795 |
| February | 139,617,537 | 19,192,844 | 1,051,825 | 80 | 159,862,286 |
| March | 140,965,719 | 19,378,911 | 1,067,760 | 81 | 161,412,471 |
| April | 139,829,776 | 19,155,834 | 1,055,085 | 81 | 160,040,776 |
| May | 140,797,811 | 19,353,055 | 1,084,292 | 80 | 161,235,238 |
| June | 140,961,861 | 19,366,091 | 1,092,186 | 81 | 161,420,219 |
| July | 140,715,232 | 19,330,035 | 1,085,489 | 82 | 161,130,838 |
| August | 141,687,125 | 19,448,125 | 1,104,132 | 82 | 162,239,464 |
| Sept | 141,011,704 | 19,362,932 | 1,087,170 | 82 | 161,461,888 |
| October | 141,452,573 | 19,413,832 | 1,080,839 | 82 | 161,947,326 |
| November | 141,171,614 | 19,347,416 | 1,067,252 | 82 | 161,586,364 |
| December | 141,496,756 | 19,367,884 | 1,080,766 | 82 | 161,945,488 |
| Year 2024 | | | | | |
| January | 142,003,520 | 19,427,758 | 1,073,675 | 82 | 162,505,035 |
| February | 143,158,375 | 19,490,303 | 1,065,741 | 81 | 163,714,500 |
| March | 143,653,733 | 19,533,175 | 1,080,363 | 81 | 164,267,352 |
| April | 143,880,293 | 19,547,674 | 1,096,969 | 78 | 164,525,014 |
| May | 144,231,722 | 19,598,201 | 1,112,243 | 81 | 164,942,247 |
| Rolling 12 Months Ending in May | | | | | |
| 2023 | 140,262,346 | 19,288,428 | 1,064,714 | 83 | 160,615,571 |
| 2024 | 142,118,709 | 19,436,119 | 1,085,569 | 81 | 162,640,478 |

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 2022 and prior years are final. Values for 2024 and 2023 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. 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 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-861M (formerly EIA-826), Monthly Electric Industry Power Report.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 5.8. Number of Ultimate Customers Served by Sector by State: May 2024 and 2023

| Census Division and State | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 6,613,216 | 6,570,224 | 948,772 | 943,806 | 23,295 | 21,623 | 6 | 6 | 7,585,289 | 7,535,659 |
| Connecticut | 1,549,497 | 1,539,841 | 157,457 | 156,717 | 3,878 | 3,967 | 3 | 3 | 1,710,835 | 1,700,528 |
| Maine | 752,743 | 747,160 | 112,246 | 110,672 | 1,983 | 2,060 | 0 | 0 | 866,972 | 859,892 |
| Massachusetts | 2,884,586 | 2,867,692 | 446,761 | 442,834 | 9,901 | 10,632 | 2 | 2 | 3,341,250 | 3,321,160 |
| New Hampshire | 651,325 | 640,187 | 108,826 | 111,188 | 5,724 | 3,113 | 0 | 0 | 765,875 | 754,488 |
| Rhode Island | 453,206 | 455,453 | 60,753 | 60,448 | 1,577 | 1,606 | 1 | 1 | 515,537 | 517,508 |
| Vermont | 321,859 | 319,891 | 62,729 | 61,947 | 232 | 245 | 0 | 0 | 384,820 | 382,083 |
| Middle Atlantic | 18,199,875 | 16,583,914 | 2,548,305 | 2,449,437 | 42,686 | 33,638 | 20 | 19 | 20,790,886 | 19,067,008 |
| New Jersey | 3,725,530 | 3,693,423 | 540,095 | 534,394 | 11,329 | 11,236 | 7 | 6 | 4,276,961 | 4,239,059 |
| New York | 7,415,503 | 7,389,047 | 1,163,407 | 1,185,352 | 16,479 | 7,233 | 8 | 8 | 8,595,397 | 8,581,640 |
| Pennsylvania | 7,058,842 | 5,501,444 | 844,803 | 729,691 | 14,878 | 15,169 | 5 | 5 | 7,918,528 | 6,246,309 |
| East North Central | 20,894,527 | 20,717,271 | 2,571,295 | 2,557,884 | 53,249 | 55,317 | 10 | 9 | 23,519,081 | 23,330,481 |
| Illinois | 5,446,738 | 5,372,627 | 637,864 | 636,437 | 5,438 | 5,652 | 3 | 3 | 6,090,043 | 6,014,719 |
| Indiana | 2,952,907 | 2,955,053 | 370,795 | 373,063 | 18,108 | 19,107 | 1 | 0 | 3,341,811 | 3,347,223 |
| Michigan | 4,531,883 | 4,508,998 | 564,569 | 558,929 | 5,683 | 5,643 | 2 | 2 | 5,102,137 | 5,073,572 |
| Ohio | 5,111,474 | 5,074,075 | 627,928 | 623,888 | 18,368 | 19,285 | 2 | 2 | 5,757,772 | 5,717,250 |
| Wisconsin | 2,851,525 | 2,806,518 | 370,139 | 365,567 | 5,652 | 5,630 | 2 | 2 | 3,227,318 | 3,177,717 |
| West North Central | 10,050,907 | 9,910,295 | 1,516,419 | 1,517,438 | 131,662 | 131,251 | 3 | 3 | 11,698,991 | 11,558,987 |
| Iowa | 1,468,043 | 1,448,084 | 251,537 | 249,274 | 8,600 | 8,577 | 0 | 0 | 1,728,180 | 1,705,935 |
| Kansas | 1,340,674 | 1,324,297 | 249,310 | 248,404 | 24,721 | 24,794 | 0 | 0 | 1,614,705 | 1,597,495 |
| Minnesota | 2,605,037 | 2,562,936 | 308,861 | 306,005 | 9,484 | 9,362 | 1 | 1 | 2,923,383 | 2,878,304 |
| Missouri | 2,888,499 | 2,855,322 | 385,939 | 396,981 | 9,188 | 9,858 | 2 | 2 | 3,283,628 | 3,262,163 |
| Nebraska | 913,996 | 898,367 | 164,242 | 162,381 | 65,822 | 65,076 | 0 | 0 | 1,144,060 | 1,125,824 |
| North Dakota | 398,262 | 394,251 | 77,810 | 77,123 | 9,475 | 9,267 | 0 | 0 | 485,547 | 480,641 |
| South Dakota | 436,396 | 427,038 | 78,720 | 77,270 | 4,372 | 4,317 | 0 | 0 | 519,488 | 508,625 |
| South Atlantic | 30,554,788 | 30,034,941 | 4,016,188 | 3,987,414 | 89,057 | 88,611 | 13 | 13 | 34,660,046 | 34,110,979 |
| Delaware | 469,185 | 462,914 | 60,340 | 59,494 | 742 | 820 | 0 | 0 | 530,267 | 523,228 |
| District of Columbia | 317,990 | 312,688 | 27,490 | 27,281 | 1 | 1 | 3 | 3 | 345,484 | 339,973 |
| Florida | 10,366,455 | 10,172,440 | 1,294,996 | 1,285,373 | 27,166 | 26,592 | 2 | 2 | 11,688,619 | 11,484,407 |
| Georgia | 4,809,301 | 4,716,969 | 615,578 | 609,430 | 24,405 | 24,437 | 1 | 1 | 5,449,285 | 5,350,837 |
| Maryland | 2,445,837 | 2,426,004 | 261,960 | 261,025 | 9,070 | 9,056 | 5 | 5 | 2,716,872 | 2,696,090 |
| North Carolina | 5,069,420 | 4,951,015 | 746,409 | 740,777 | 9,169 | 9,323 | 1 | 1 | 5,824,999 | 5,701,116 |
| South Carolina | 2,535,737 | 2,505,707 | 404,961 | 407,128 | 3,565 | 3,608 | 0 | 0 | 2,944,263 | 2,916,443 |
| Virginia | 3,676,008 | 3,623,627 | 452,637 | 446,231 | 3,969 | 3,679 | 1 | 1 | 4,132,615 | 4,073,538 |
| West Virginia | 864,855 | 863,577 | 151,817 | 150,675 | 10,970 | 11,095 | 0 | 0 | 1,027,642 | 1,025,347 |
| East South Central | 8,901,666 | 8,755,429 | 1,485,158 | 1,461,616 | 24,751 | 25,257 | 0 | 0 | 10,411,575 | 10,242,302 |
| Alabama | 2,398,514 | 2,365,641 | 386,882 | 383,257 | 7,245 | 7,246 | 0 | 0 | 2,792,641 | 2,756,144 |
| Kentucky | 2,038,712 | 2,012,395 | 326,411 | 321,134 | 5,341 | 5,798 | 0 | 0 | 2,370,464 | 2,339,327 |
| Mississippi | 1,370,648 | 1,356,848 | 245,125 | 244,274 | 11,193 | 11,188 | 0 | 0 | 1,626,966 | 1,612,310 |
| Tennessee | 3,093,792 | 3,020,545 | 526,740 | 512,951 | 972 | 1,025 | 0 | 0 | 3,621,504 | 3,534,521 |
| West South Central | 17,951,030 | 17,577,338 | 2,425,123 | 2,377,828 | 441,095 | 418,614 | 5 | 6 | 20,817,253 | 20,373,786 |
| Arkansas | 1,478,955 | 1,462,196 | 208,709 | 208,967 | 32,052 | 32,260 | 2 | 2 | 1,719,718 | 1,703,425 |
| Louisiana | 2,178,157 | 2,159,370 | 301,829 | 301,156 | 18,444 | 19,059 | 1 | 1 | 2,498,431 | 2,479,586 |
| Oklahoma | 1,891,294 | 1,865,107 | 305,451 | 302,243 | 18,673 | 18,976 | 0 | 0 | 2,215,418 | 2,186,326 |
| Texas | 12,402,624 | 12,090,665 | 1,609,134 | 1,565,462 | 371,926 | 348,319 | 2 | 3 | 14,383,686 | 14,004,449 |
| Mountain | 10,729,447 | 10,533,909 | 1,508,812 | 1,488,484 | 101,445 | 100,798 | 5 | 5 | 12,339,709 | 12,123,196 |
| Arizona | 3,083,500 | 3,022,846 | 345,038 | 343,083 | 7,104 | 7,232 | 2 | 2 | 3,435,644 | 3,373,163 |
| Colorado | 2,489,433 | 2,451,039 | 398,562 | 391,461 | 14,806 | 14,807 | 1 | 1 | 2,902,802 | 2,857,308 |
| Idaho | 861,015 | 839,585 | 123,336 | 121,591 | 29,743 | 29,529 | 0 | 0 | 1,014,094 | 990,705 |
| Montana | 558,524 | 548,098 | 117,825 | 115,873 | 12,335 | 12,117 | 0 | 0 | 688,684 | 676,088 |
| Nevada | 1,304,808 | 1,281,515 | 176,002 | 173,659 | 4,884 | 4,879 | 1 | 1 | 1,485,695 | 1,460,054 |
| New Mexico | 919,188 | 908,997 | 147,584 | 145,525 | 9,547 | 9,465 | 0 | 0 | 1,076,319 | 1,063,987 |
| Utah | 1,225,852 | 1,197,760 | 141,166 | 138,284 | 11,030 | 10,873 | 1 | 1 | 1,378,049 | 1,346,918 |
| Wyoming | 287,127 | 284,069 | 59,299 | 59,008 | 11,996 | 11,896 | 0 | 0 | 358,422 | 354,973 |
| Pacific Contiguous | 19,589,972 | 19,370,405 | 2,460,821 | 2,451,580 | 202,984 | 207,192 | 19 | 19 | 22,253,796 | 22,029,196 |
| California | 14,332,699 | 14,216,658 | 1,795,502 | 1,797,789 | 150,141 | 154,574 | 12 | 12 | 16,278,354 | 16,169,033 |
| Oregon | 1,875,277 | 1,846,094 | 252,039 | 248,870 | 25,671 | 25,463 | 2 | 2 | 2,152,989 | 2,120,429 |
| Washington | 3,381,996 | 3,307,653 | 413,280 | 404,921 | 27,172 | 27,155 | 5 | 5 | 3,822,453 | 3,739,734 |
| Pacific Noncontiguous | 746,294 | 744,085 | 117,308 | 117,568 | 2,019 | 1,991 | 0 | 0 | 865,621 | 863,644 |
| Alaska | 299,695 | 297,368 | 57,692 | 57,318 | 1,207 | 1,182 | 0 | 0 | 358,594 | 355,868 |
| Hawaii | 446,599 | 446,717 | 59,616 | 60,250 | 812 | 809 | 0 | 0 | 507,027 | 507,776 |
| U.S. Total | 144,231,722 | 140,797,811 | 19,598,201 | 19,353,055 | 1,112,243 | 1,084,292 | 81 | 80 | 164,942,247 | 161,235,238 |

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
NM = Not Meaningful due to large relative standard error or excessive percentage change.
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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

# Chapter 6

# Capacity

## Table 6.1. Electric Generating Summer Capacity Changes (MW), April 2024 to May 2024

| | | As of End of April 2024 | Activity During May 2024 as Reported to EIA | | As of End of May 2024 | 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 | | Reductions | | Planned Net Change | | Capacity | |
| Technology | Capacity Source | 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 |
| ..... *Onshore Wind (Summer Capacity)* | *Utility Scale Facilities* | *150,029.2* | *85.5* | *0.0* | *150,114.7* | *85.5* | *2,516.2* | *5,638.9* | *449.0* | *5,489.4* | *0.0* | *0.7* | *449.0* | *5,488.7* | *150,563.7* | *155,603.4* |
| ..... *Offshore Wind (Summer Capacity)* | *Utility Scale Facilities* | *41.3* | *0.0* | *0.0* | *41.3* | *0.0* | *0.0* | *0.0* | *130.0* | *930.0* | *0.0* | *0.0* | *130.0* | *930.0* | *171.3* | *971.3* |
| ..... Wind (Summer Capacity) | Utility Scale Facilities | 150,070.5 | 85.5 | 0.0 | 150,156.0 | 85.5 | 2,516.2 | 5,638.9 | 579.0 | 6,419.4 | 0.0 | 0.7 | 579.0 | 6,418.7 | 150,735.0 | 156,574.7 |
| ..... *Solar Photovoltaic* | *Utility Scale Facilities* | *98,054.8* | *2,515.3* | *567.8* | *100,002.3* | *1,947.5* | *10,173.4* | *24,174.2* | *4,186.3* | *34,543.1* | *0.0* | *0.0* | *4,186.3* | *34,543.1* | *104,188.6* | *134,545.4* |
| ..... *Solar Thermal without Energy Storage* | *Utility Scale Facilities* | *1,074.4* | *0.0* | *0.0* | *1,074.4* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *88.0* | *0.0* | *-88.0* | *1,074.4* | *986.4* |
| ..... *Solar Thermal with Energy Storage* | *Utility Scale Facilities* | *405.6* | *0.0* | *0.0* | *405.6* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *405.6* | *405.6* |
| ..... Solar Subtotal | Utility Scale Facilities | 99,534.8 | 2,515.3 | 567.8 | 101,482.3 | 1,947.5 | 10,173.4 | 24,174.2 | 4,186.3 | 34,543.1 | 0.0 | 88.0 | 4,186.3 | 34,455.1 | 105,668.6 | 135,937.4 |
| ..... Conventional Hydroelectric | Utility Scale Facilities | 79,859.0 | 5.6 | 1.9 | 79,862.7 | 3.7 | -227.0 | -219.0 | 0.0 | 44.2 | 0.0 | 11.4 | 0.0 | 32.8 | 79,862.7 | 79,895.5 |
| ..... *Wood/Wood Waste Biomass* | *Utility Scale Facilities* | *7,527.5* | *1.7* | *0.0* | *7,529.2* | *1.7* | *-186.4* | *-257.1* | *0.0* | *43.0* | *0.0* | *0.0* | *0.0* | *43.0* | *7,529.2* | *7,572.2* |
| ..... *Landfill Gas* | *Utility Scale Facilities* | *1,614.5* | *1.6* | *49.9* | *1,566.2* | *-48.3* | *-82.9* | *-88.2* | *0.0* | *7.0* | *0.0* | *0.0* | *0.0* | *7.0* | *1,566.2* | *1,573.2* |
| ..... *Municipal Solid Waste* | *Utility Scale Facilities* | *1,979.0* | *0.0* | *0.0* | *1,979.0* | *0.0* | *-71.6* | *-71.6* | *0.0* | *0.0* | *0.0* | *46.5* | *0.0* | *-46.5* | *1,979.0* | *1,932.5* |
| ..... *Other Waste Biomass* | *Utility Scale Facilities* | *589.2* | *0.0* | *3.6* | *585.6* | *-3.6* | *-7.3* | *-5.1* | *27.6* | *30.2* | *0.0* | *0.0* | *27.6* | *30.2* | *613.2* | *615.8* |
| ..... Biomass Sources Subtotal | Utility Scale Facilities | 11,710.2 | 3.3 | 53.5 | 11,660.0 | -50.2 | -348.2 | -422.0 | 27.6 | 80.2 | 0.0 | 46.5 | 27.6 | 33.7 | 11,687.6 | 11,693.7 |
| ..... Geothermal | Utility Scale Facilities | 2,695.8 | 0.0 | 0.0 | 2,695.8 | 0.0 | 22.2 | 22.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,695.8 | 2,695.8 |
| ***... Renewable Sources Subtotal*** | ***Utility Scale Facilities*** | ***343,870.3*** | ***2,609.7*** | ***623.2*** | ***345,856.8*** | ***1,986.5*** | ***12,135.9*** | ***29,193.6*** | ***4,792.9*** | ***41,086.9*** | ***0.0*** | ***146.6*** | ***4,792.9*** | ***40,940.3*** | ***350,649.7*** | ***386,797.1*** |
| ..... *Natural Gas Fired Combined Cycle* | *Utility Scale Facilities* | *293,619.9* | *143.0* | *80.0* | *293,682.9* | *63.0* | *-2,059.1* | *613.7* | *47.0* | *1,017.9* | *1,413.6* | *1,688.6* | *-1,366.6* | *-670.7* | *292,316.3* | *293,012.2* |
| ..... *Natural Gas Fired Combustion Turbine* | *Utility Scale Facilities* | *131,923.0* | *87.0* | *408.4* | *131,601.6* | *-321.4* | *-49.7* | *833.8* | *395.0* | *2,827.6* | *140.5* | *945.8* | *254.5* | *1,881.8* | *131,856.1* | *133,483.4* |
| ..... *Natural Gas Steam Turbine* | *Utility Scale Facilities* | *75,277.3* | *100.9* | *806.5* | *74,571.7* | *-705.6* | *-169.7* | *-2,346.7* | *4.6* | *12.6* | *250.0* | *1,224.7* | *-245.4* | *-1,212.1* | *74,326.3* | *73,359.6* |
| ..... *Natural Gas Internal Combustion Engine* | *Utility Scale Facilities* | *5,901.0* | *85.8* | *1.6* | *5,985.2* | *84.2* | *274.0* | *401.4* | *12.9* | *455.5* | *0.0* | *0.0* | *12.9* | *455.5* | *5,998.1* | *6,440.7* |
| ..... *Natural Gas with Compressed Air Storage* | *Utility Scale Facilities* | *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* | *Utility Scale Facilities* | *361.4* | *0.0* | *0.0* | *361.4* | *0.0* | *11.6* | *11.6* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *361.4* | *361.4* |
| ..... Natural Gas Subtotal | Utility Scale Facilities | 507,192.6 | 416.7 | 1,296.5 | 506,312.8 | -879.8 | -1,992.9 | -486.2 | 459.5 | 4,313.6 | 1,804.1 | 3,859.1 | -1,344.6 | 454.5 | 504,968.2 | 506,767.3 |
| ..... *Conventional Steam Coal* | *Utility Scale Facilities* | *176,494.5* | *752.0* | *622.1* | *176,624.4* | *129.9* | *-3,591.1* | *-8,173.5* | *0.0* | *13.0* | *180.0* | *2,875.1* | *-180.0* | *-2,862.1* | *176,444.4* | *173,762.3* |
| ..... *Coal Integrated Gasification Combined Cycle* | *Utility Scale Facilities* | *595.0* | *0.0* | *40.0* | *555.0* | *-40.0* | *-40.0* | *-40.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *555.0* | *555.0* |
| ..... Coal Subtotal | Utility Scale Facilities | 177,089.5 | 752.0 | 662.1 | 177,179.4 | 89.9 | -3,631.1 | -8,213.5 | 0.0 | 13.0 | 180.0 | 2,875.1 | -180.0 | -2,862.1 | 176,999.4 | 174,317.3 |
| ..... Petroleum Coke | Utility Scale Facilities | 1,321.9 | 0.0 | 0.0 | 1,321.9 | 0.0 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,321.9 | 1,321.9 |
| ..... Petroleum Liquids | Utility Scale Facilities | 27,977.3 | 235.8 | 52.9 | 28,160.2 | 182.9 | 390.5 | 259.1 | 8.4 | 29.7 | 108.0 | 552.6 | -99.6 | -522.9 | 28,060.6 | 27,637.3 |
| ..... Other Gases | Utility Scale Facilities | 1,720.1 | 177.3 | 3.8 | 1,893.6 | 173.5 | 168.5 | 168.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,893.6 | 1,893.6 |
| ***... Fossil Fuels Subtotal*** | ***Utility Scale Facilities*** | ***715,301.4*** | ***1,581.8*** | ***2,015.3*** | ***714,867.9*** | ***-433.5*** | ***-5,062.0*** | ***-8,269.1*** | ***467.9*** | ***4,356.3*** | ***2,092.1*** | ***7,286.8*** | ***-1,624.2*** | ***-2,930.5*** | ***713,243.7*** | ***711,937.4*** |
| ..... Hydroelectric Pumped Storage | Utility Scale Facilities | 23,219.0 | 0.0 | 0.0 | 23,219.0 | 0.0 | 52.5 | 52.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23,219.0 | 23,219.0 |
| ..... Flywheels | Utility Scale Facilities | 47.0 | 0.0 | 0.0 | 47.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.0 | 47.0 |
| ..... Batteries | Utility Scale Facilities | 17,533.2 | 1,081.9 | 0.5 | 18,614.6 | 1,081.4 | 3,201.1 | 8,780.7 | 3,390.8 | 16,674.7 | 0.0 | 0.0 | 3,390.8 | 16,674.7 | 22,005.4 | 35,289.3 |
| ***... Energy Storage Subtotal*** | ***Utility Scale Facilities*** | ***40,799.2*** | ***1,081.9*** | ***0.5*** | ***41,880.6*** | ***1,081.4*** | ***3,253.6*** | ***8,833.2*** | ***3,390.8*** | ***16,674.7*** | ***0.0*** | ***0.0*** | ***3,390.8*** | ***16,674.7*** | ***45,271.4*** | ***58,555.3*** |
| ***... Nuclear*** | ***Utility Scale Facilities*** | ***96,874.5*** | ***0.0*** | ***48.3*** | ***96,826.2*** | ***-48.3*** | ***1,080.2*** | ***2,194.2*** | ***0.0*** | ***45.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***45.0*** | ***96,826.2*** | ***96,871.2*** |
| ***... All Other*** | ***Utility Scale Facilities*** | ***1,405.8*** | ***0.0*** | ***0.0*** | ***1,405.8*** | ***0.0*** | ***26.7*** | ***27.6*** | ***0.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***1,405.8*** | ***1,405.8*** |
| **TOTAL** | **UTILITY SCALE FACILITIES** | **1,198,251.2** | **5,273.4** | **2,687.3** | **1,200,837.3** | **2,586.1** | **11,434.4** | **31,979.5** | **8,651.6** | **62,162.9** | **2,092.1** | **7,433.4** | **6,559.5** | **54,729.5** | **1,207,396.8** | **1,255,566.8** |
| | | | | | | | | | | | | | | | | |
| ..... *Estimated Small Scale Solar Photovoltaic* | *Small Scale Facilities* | *49,760.2* | | | *50,196.5* | *436.3* | *2,492.6* | *7,086.3* | | | | | | | | |
| ..... Estimated Total Solar Photovoltaic | All Facilities | 147,815.0 | | | 150,198.8 | 2,383.8 | 12,666.0 | 31,260.5 | | | | | | | | |
| ***... Estimated Total Solar*** | ***All Facilities*** | ***149,295.0*** | | | ***151,678.8*** | ***2,383.8*** | ***12,666.0*** | ***31,260.5*** | | | | | | | | |

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 table.

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.'
Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

## Table 6.1.A. Estimated Net Summer Solar Photovoltaic Capacity From Utility and Small Scale Facilities (Megawatts)
## 2008 - May 2024

| Period | Utility Solar Photovoltaic | Estimated Small Scale Solar Photovoltaic | Estimated Total Solar Photovoltaic |
|---|---|---|---|
| Annual Totals | | | |
| 2014 | 8,656.6 | 7,326.6 | 15,983.2 |
| 2015 | 11,905.4 | 9,778.5 | 21,683.9 |
| 2016 | 20,192.9 | 12,765.1 | 32,958.0 |
| 2017 | 25,209.0 | 16,147.8 | 41,356.8 |
| 2018 | 30,120.5 | 19,547.1 | 49,667.6 |
| 2019 | 35,710.2 | 23,213.6 | 58,923.8 |
| 2020 | 46,306.2 | 27,584.8 | 73,891.0 |
| 2021 | 60,070.1 | 33,081.0 | 93,151.1 |
| 2022 | 71,386.3 | 39,828.0 | 111,214.3 |
| 2023 | 89,828.9 | 47,703.9 | 137,532.8 |
| Year 2022 | | | |
| January | 61,350.2 | 33,635.1 | 94,985.3 |
| February | 61,673.4 | 34,229.8 | 95,903.2 |
| March | 62,666.8 | 34,771.7 | 97,438.5 |
| April | 63,123.2 | 35,264.5 | 98,387.7 |
| May | 63,892.3 | 35,779.3 | 99,671.6 |
| June | 65,118.6 | 36,321.4 | 101,440.0 |
| July | 65,707.2 | 36,849.0 | 102,556.2 |
| August | 66,418.7 | 37,373.4 | 103,792.1 |
| Sept | 67,201.8 | 37,982.6 | 105,184.4 |
| October | 67,739.4 | 38,539.7 | 106,279.1 |
| November | 68,569.5 | 39,145.7 | 107,715.2 |
| December | 71,386.3 | 39,828.0 | 111,214.3 |
| Year 2023 | | | |
| January | 72,500.3 | 40,576.8 | 113,077.1 |
| February | 73,255.2 | 41,186.8 | 114,442.0 |
| March | 73,878.7 | 41,653.3 | 115,532.0 |
| April | 74,760.5 | 42,428.3 | 117,188.8 |
| May | 75,828.1 | 43,110.2 | 118,938.3 |
| June | 77,427.1 | 43,837.8 | 121,264.9 |
| July | 79,450.9 | 44,441.7 | 123,892.6 |
| August | 80,157.8 | 45,279.3 | 125,437.1 |
| Sept | 81,004.9 | 45,892.7 | 126,897.6 |
| October | 82,539.6 | 46,547.6 | 129,087.2 |
| November | 83,426.5 | 47,258.2 | 130,684.7 |
| December | 89,828.9 | 47,703.9 | 137,532.8 |
| Year 2024 | | | |
| January | 93,240.6 | 48,084.1 | 141,324.7 |
| February | 93,991.1 | 48,821.5 | 142,812.6 |
| March | 96,761.9 | 49,266.4 | 146,028.3 |
| April | 98,054.8 | 49,760.2 | 147,815.0 |
| May | 100,002.3 | 50,196.5 | 150,198.8 |

Values are preliminary.
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.'
Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861, and from estimation methods described in the technical notes.

## Table 6.1.B. Estimated Net Summer Solar Photovoltaic Capacity From Small Scale Facilities by Sector (Megawatts):
## 2014 - May 2024

| Period | Residential | Commercial | Industrial | Total |
|---|---|---|---|---|
| Annual Totals | | | | |
| 2014 | 3,346.3 | 3,279.7 | 700.6 | 7,326.6 |
| 2015 | 5,191.5 | 3,706.7 | 880.3 | 9,778.5 |
| 2016 | 7,527.0 | 4,022.8 | 1,215.3 | 12,765.1 |
| 2017 | 9,626.8 | 5,155.8 | 1,365.1 | 16,147.8 |
| 2018 | 11,720.4 | 6,271.4 | 1,555.4 | 19,547.1 |
| 2019 | 14,249.0 | 7,167.9 | 1,796.6 | 23,213.6 |
| 2020 | 17,163.3 | 8,376.1 | 2,045.3 | 27,584.8 |
| 2021 | 21,116.2 | 9,752.0 | 2,212.7 | 33,081.0 |
| 2022 | 26,294.0 | 11,212.3 | 2,321.7 | 39,828.0 |
| 2023 | 32,850.1 | 12,285.3 | 2,568.5 | 47,703.9 |
| Year 2022 | | | | |
| January | 21,342.5 | 10,082.9 | 2,209.6 | 33,635.1 |
| February | 21,777.1 | 10,239.2 | 2,213.5 | 34,229.8 |
| March | 22,187.6 | 10,363.3 | 2,220.8 | 34,771.7 |
| April | 22,604.0 | 10,429.8 | 2,230.8 | 35,264.5 |
| May | 22,993.1 | 10,550.3 | 2,235.8 | 35,779.3 |
| June | 23,394.8 | 10,681.1 | 2,245.6 | 36,321.4 |
| July | 23,816.8 | 10,780.8 | 2,251.4 | 36,849.0 |
| August | 24,279.7 | 10,833.1 | 2,260.6 | 37,373.4 |
| Sept | 24,735.6 | 10,976.6 | 2,270.5 | 37,982.6 |
| October | 25,241.5 | 11,003.9 | 2,294.3 | 38,539.7 |
| November | 25,728.0 | 11,117.3 | 2,300.5 | 39,145.7 |
| December | 26,294.0 | 11,212.3 | 2,321.7 | 39,828.0 |
| Year 2023 | | | | |
| January | 26,889.3 | 11,324.1 | 2,363.4 | 40,576.8 |
| February | 27,336.2 | 11,483.1 | 2,367.5 | 41,186.8 |
| March | 27,809.1 | 11,458.3 | 2,386.0 | 41,653.3 |
| April | 28,383.1 | 11,605.2 | 2,439.9 | 42,428.3 |
| May | 28,947.1 | 11,721.8 | 2,441.3 | 43,110.2 |
| June | 29,594.2 | 11,789.6 | 2,453.9 | 43,837.8 |
| July | 30,117.2 | 11,861.4 | 2,463.1 | 44,441.7 |
| August | 30,904.9 | 11,917.0 | 2,457.4 | 45,279.3 |
| Sept | 31,370.9 | 12,045.9 | 2,476.0 | 45,892.7 |
| October | 31,898.1 | 12,140.8 | 2,508.6 | 46,547.6 |
| November | 32,359.2 | 12,336.0 | 2,563.0 | 47,258.2 |
| December | 32,850.1 | 12,285.3 | 2,568.5 | 47,703.9 |
| Year 2024 | | | | |
| January | 33,093.6 | 12,417.9 | 2,572.6 | 48,084.1 |
| February | 33,530.3 | 12,669.1 | 2,622.1 | 48,821.5 |
| March | 33,795.9 | 12,852.2 | 2,618.3 | 49,266.4 |
| April | 34,216.7 | 12,903.0 | 2,640.5 | 49,760.2 |
| May | 34,295.6 | 13,282.7 | 2,618.2 | 50,196.5 |

Values are preliminary.
Improved renewable data reporting has resulted in realignment of the commercial and industrial sectors.
Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861, and from estimation methods described in the technical notes.

## Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, May 2024 and 2023 (Megawatts)

| Census Division and State | Renewable Sources | | Fossil Fuels | | Hydroelectric Pumped Storage | | Other Energy Storage | | Nuclear | | All Other Sources | | All Sources | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 7,457.8 | 7,103.4 | 22,453.9 | 22,696.4 | 1,863.4 | 1,863.4 | 370.9 | 330.0 | 3,326.9 | 3,356.1 | 22.0 | 22.0 | 35,494.9 | 35,371.3 |
| Connecticut | 567.3 | 536.7 | 7,286.9 | 7,421.3 | 29.4 | 29.4 | 1.6 | 1.6 | 2,081.2 | 2,108.0 | 0.0 | 0.0 | 9,966.4 | 10,097.0 |
| Maine | 2,737.6 | 2,562.5 | 2,312.2 | 2,306.2 | 0.0 | 0.0 | 62.3 | 46.3 | 0.0 | 0.0 | 22.0 | 22.0 | 5,134.1 | 4,937.0 |
| Massachusetts | 1,982.3 | 1,944.3 | 8,688.3 | 8,802.4 | 1,834.0 | 1,834.0 | 269.1 | 258.2 | 0.0 | 0.0 | 0.0 | 0.0 | 12,773.7 | 12,838.9 |
| New Hampshire | 946.6 | 944.1 | 2,260.4 | 2,260.4 | 0.0 | 0.0 | 14.0 | 0.0 | 1,245.7 | 1,248.1 | 0.0 | 0.0 | 4,466.7 | 4,452.6 |
| Rhode Island | 515.2 | 413.1 | 1,780.1 | 1,780.1 | 0.0 | 0.0 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,298.3 | 2,196.2 |
| Vermont | 708.8 | 702.7 | 126.0 | 126.0 | 0.0 | 0.0 | 20.9 | 20.9 | 0.0 | 0.0 | 0.0 | 0.0 | 855.7 | 849.6 |
| Middle Atlantic | 14,702.4 | 13,401.7 | 70,890.3 | 72,737.1 | 3,315.7 | 3,343.2 | 372.7 | 289.2 | 15,854.5 | 15,854.5 | 11.2 | 11.2 | 105,146.8 | 105,636.9 |
| New Jersey | 1,376.4 | 1,327.9 | 11,509.1 | 11,501.4 | 415.4 | 420.0 | 89.7 | 49.7 | 3,456.7 | 3,456.7 | 11.2 | 11.2 | 16,858.5 | 16,766.9 |
| New York | 9,631.2 | 9,017.2 | 25,794.3 | 25,783.4 | 1,408.8 | 1,408.8 | 228.4 | 184.9 | 3,304.6 | 3,304.6 | 0.0 | 0.0 | 40,367.3 | 39,698.9 |
| Pennsylvania | 3,694.8 | 3,056.6 | 33,586.9 | 35,452.3 | 1,491.5 | 1,514.4 | 54.6 | 54.6 | 9,093.2 | 9,093.2 | 0.0 | 0.0 | 47,921.0 | 49,171.1 |
| East North Central | 26,927.7 | 22,010.8 | 102,393.9 | 106,036.0 | 2,185.6 | 2,185.6 | 218.9 | 177.5 | 18,206.2 | 18,206.2 | 169.8 | 169.8 | 150,102.1 | 148,785.9 |
| Illinois | 9,179.0 | 8,510.0 | 23,967.0 | 24,654.8 | 0.0 | 0.0 | 96.1 | 96.1 | 11,567.6 | 11,567.6 | 78.0 | 78.0 | 44,887.7 | 44,906.5 |
| Indiana | 5,049.3 | 4,297.3 | 21,620.7 | 22,543.7 | 0.0 | 0.0 | 81.0 | 36.0 | 0.0 | 0.0 | 88.0 | 88.0 | 26,839.0 | 26,965.0 |
| Michigan | 5,524.5 | 5,041.9 | 20,306.5 | 20,320.5 | 2,185.6 | 2,185.6 | 1.3 | 1.3 | 3,318.0 | 3,318.0 | 3.8 | 3.8 | 31,339.7 | 30,871.1 |
| Ohio | 3,741.8 | 1,810.1 | 23,824.7 | 25,354.1 | 0.0 | 0.0 | 34.8 | 38.8 | 2,134.0 | 2,134.0 | 0.0 | 0.0 | 29,735.3 | 29,337.0 |
| Wisconsin | 3,433.1 | 2,351.5 | 12,675.0 | 13,162.9 | 0.0 | 0.0 | 5.7 | 5.3 | 1,186.6 | 1,186.6 | 0.0 | 0.0 | 17,300.4 | 16,706.3 |
| West North Central | 45,873.8 | 44,108.9 | 56,694.7 | 57,622.9 | 657.0 | 657.0 | 31.6 | 31.8 | 4,792.2 | 4,842.0 | 12.2 | 12.2 | 108,061.5 | 107,274.8 |
| Iowa | 13,355.1 | 13,093.4 | 9,378.7 | 9,644.9 | 0.0 | 0.0 | 8.9 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 22,742.7 | 22,747.2 |
| Kansas | 9,100.8 | 8,293.2 | 8,916.5 | 8,918.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1,176.7 | 1,225.0 | 0.8 | 0.8 | 19,194.8 | 18,437.4 |
| Minnesota | 6,755.7 | 6,612.5 | 9,438.8 | 10,121.6 | 0.0 | 0.0 | 16.0 | 16.0 | 1,657.0 | 1,657.0 | 6.1 | 6.1 | 17,873.6 | 18,413.2 |
| Missouri | 3,038.2 | 3,038.2 | 16,286.1 | 16,261.7 | 657.0 | 657.0 | 1.0 | 2.2 | 1,190.0 | 1,190.0 | 0.0 | 0.0 | 21,172.3 | 21,149.1 |
| Nebraska | 3,935.1 | 3,854.1 | 6,168.5 | 6,167.0 | 0.0 | 0.0 | 4.9 | 3.9 | 768.5 | 770.0 | 0.0 | 0.0 | 10,877.0 | 10,795.0 |
| North Dakota | 4,839.9 | 4,845.9 | 4,556.9 | 4,557.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 9,402.1 | 9,409.0 |
| South Dakota | 4,849.0 | 4,371.6 | 1,949.2 | 1,951.5 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 6,799.0 | 6,323.9 |
| South Atlantic | 38,688.0 | 34,842.1 | 153,683.3 | 154,340.0 | 8,260.4 | 8,180.4 | 813.9 | 767.4 | 27,018.1 | 24,752.8 | 366.9 | 366.9 | 228,830.6 | 223,249.6 |
| Delaware | 108.8 | 105.7 | 3,189.9 | 3,189.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,298.7 | 3,295.6 |
| District of Columbia | 31.6 | 30.5 | 20.6 | 20.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.2 | 51.1 |
| Florida | 10,636.2 | 8,670.7 | 55,383.9 | 55,989.8 | 0.0 | 0.0 | 560.7 | 558.2 | 3,666.0 | 3,666.0 | 312.9 | 312.9 | 70,559.7 | 69,197.6 |
| Georgia | 7,274.2 | 6,724.5 | 23,518.0 | 23,532.2 | 1,897.4 | 1,897.4 | 81.2 | 81.2 | 6,289.0 | 4,061.0 | 0.0 | 0.0 | 39,059.8 | 36,296.3 |
| Maryland | 1,456.7 | 1,475.5 | 8,740.8 | 8,742.3 | 0.0 | 0.0 | 13.7 | 7.7 | 1,745.2 | 1,707.8 | 0.0 | 0.0 | 11,956.4 | 11,933.3 |
| North Carolina | 9,295.8 | 8,850.9 | 21,328.6 | 21,342.6 | 86.0 | 86.0 | 58.3 | 58.3 | 5,149.6 | 5,149.6 | 54.0 | 54.0 | 35,972.3 | 35,541.4 |
| South Carolina | 3,230.2 | 3,247.3 | 11,629.3 | 11,665.6 | 3,036.0 | 2,956.0 | 22.0 | 4.0 | 6,600.3 | 6,600.4 | 0.0 | 0.0 | 24,517.8 | 24,473.3 |
| Virginia | 5,356.4 | 4,537.8 | 16,098.2 | 16,083.0 | 3,241.0 | 3,241.0 | 30.5 | 10.5 | 3,568.0 | 3,568.0 | 0.0 | 0.0 | 28,294.1 | 27,440.3 |
| West Virginia | 1,298.1 | 1,199.2 | 13,774.0 | 13,774.0 | 0.0 | 0.0 | 47.5 | 47.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15,119.6 | 15,020.7 |
| East South Central | 10,424.2 | 9,695.3 | 62,319.4 | 60,106.4 | 1,616.3 | 1,616.3 | 52.5 | 1.0 | 11,358.4 | 11,358.4 | 1.4 | 1.4 | 85,772.2 | 82,778.8 |
| Alabama | 4,509.6 | 4,537.5 | 21,134.0 | 19,100.2 | 0.0 | 0.0 | 1.0 | 1.0 | 5,452.7 | 5,452.7 | 0.0 | 0.0 | 31,097.3 | 29,091.4 |
| Kentucky | 1,290.2 | 1,291.7 | 17,047.5 | 16,343.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18,337.7 | 17,635.2 |
| Mississippi | 1,241.0 | 621.7 | 12,719.1 | 13,243.9 | 0.0 | 0.0 | 51.5 | 0.0 | 1,383.0 | 1,383.0 | 1.4 | 1.4 | 15,396.0 | 15,250.0 |
| Tennessee | 3,383.4 | 3,244.4 | 11,418.8 | 11,418.8 | 1,616.3 | 1,616.3 | 0.0 | 0.0 | 4,522.7 | 4,522.7 | 0.0 | 0.0 | 20,941.2 | 20,802.2 |
| West South Central | 76,991.2 | 68,961.0 | 139,240.0 | 141,483.9 | 288.0 | 288.0 | 4,157.7 | 2,350.4 | 8,941.9 | 8,934.0 | 578.1 | 548.2 | 230,196.9 | 222,565.5 |
| Arkansas | 2,490.8 | 1,823.4 | 10,875.0 | 11,260.8 | 30.0 | 30.0 | 22.0 | 22.0 | 1,825.0 | 1,822.0 | 0.0 | 0.0 | 15,242.8 | 14,958.2 |
| Louisiana | 958.6 | 758.6 | 20,990.2 | 21,547.5 | 0.0 | 0.0 | 0.0 | 0.5 | 2,136.9 | 2,132.0 | 359.1 | 329.2 | 24,444.8 | 24,767.8 |
| Oklahoma | 13,732.5 | 13,113.1 | 18,234.3 | 19,757.9 | 258.0 | 258.0 | 10.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32,234.8 | 33,139.0 |
| Texas | 59,809.3 | 53,265.9 | 89,140.5 | 88,917.7 | 0.0 | 0.0 | 4,125.7 | 2,317.9 | 4,980.0 | 4,980.0 | 219.0 | 219.0 | 158,274.5 | 149,700.5 |
| Mountain | 44,444.4 | 39,021.2 | 58,207.9 | 58,104.7 | 806.7 | 806.7 | 2,875.7 | 521.0 | 3,937.0 | 3,937.0 | 124.6 | 123.7 | 110,396.3 | 102,514.3 |
| Arizona | 7,517.4 | 6,602.3 | 17,513.5 | 17,587.5 | 216.3 | 216.3 | 1,198.0 | 295.0 | 3,937.0 | 3,937.0 | 0.0 | 0.0 | 30,382.2 | 28,638.1 |
| Colorado | 8,233.9 | 7,164.7 | 10,472.4 | 10,322.4 | 590.4 | 590.4 | 279.4 | 10.2 | 0.0 | 0.0 | 9.1 | 9.1 | 19,585.2 | 18,096.8 |
| Idaho | 4,355.5 | 4,095.7 | 1,242.3 | 1,212.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 | 14.8 | 5,612.6 | 5,323.0 |
| Montana | 4,797.8 | 4,406.8 | 2,068.0 | 2,072.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 | 40.0 | 6,905.8 | 6,518.8 |
| Nevada | 6,917.3 | 5,593.5 | 8,083.2 | 8,081.4 | 0.0 | 0.0 | 1,108.8 | 200.0 | 0.0 | 0.0 | 6.5 | 6.5 | 16,115.8 | 13,881.4 |
| New Mexico | 6,128.6 | 5,393.5 | 4,849.1 | 4,848.0 | 0.0 | 0.0 | 288.5 | 14.8 | 0.0 | 0.0 | 0.7 | 0.7 | 11,266.9 | 10,257.0 |
| Utah | 2,838.8 | 2,358.7 | 7,303.8 | 7,307.5 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 40.2 | 40.2 | 10,183.8 | 9,707.4 |
| Wyoming | 3,655.1 | 3,406.0 | 6,675.6 | 6,673.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.3 | 12.4 | 10,344.0 | 10,091.8 |
| Pacific Contiguous | 78,870.2 | 76,120.4 | 44,827.8 | 45,844.3 | 4,225.9 | 4,225.9 | 9,241.6 | 5,144.0 | 3,391.0 | 3,391.0 | 91.2 | 94.4 | 140,647.7 | 134,820.0 |
| California | 39,924.3 | 37,134.9 | 36,996.2 | 38,029.7 | 3,911.9 | 3,911.9 | 9,200.6 | 5,103.0 | 2,240.0 | 2,240.0 | 91.2 | 94.4 | 92,364.2 | 86,513.9 |
| Oregon | 13,575.5 | 13,605.4 | 3,769.0 | 3,755.0 | 0.0 | 0.0 | 35.0 | 35.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17,379.5 | 17,395.4 |
| Washington | 25,370.4 | 25,380.1 | 4,062.6 | 4,059.6 | 314.0 | 314.0 | 6.0 | 6.0 | 1,151.0 | 1,151.0 | 0.0 | 0.0 | 30,904.0 | 30,910.7 |
| Pacific Noncontiguous | 1,477.1 | 1,398.4 | 4,156.7 | 4,165.3 | 0.0 | 0.0 | 526.1 | 268.6 | 0.0 | 0.0 | 28.4 | 28.4 | 6,188.3 | 5,860.7 |
| Alaska | 549.9 | 542.8 | 2,176.8 | 2,185.4 | 0.0 | 0.0 | 93.7 | 93.7 | 0.0 | 0.0 | 0.9 | 0.9 | 2,821.3 | 2,822.8 |
| Hawaii | 927.2 | 855.6 | 1,979.9 | 1,979.9 | 0.0 | 0.0 | 432.4 | 174.9 | 0.0 | 0.0 | 27.5 | 27.5 | 3,367.0 | 3,037.9 |
| U.S. Total | 345,856.8 | 316,663.2 | 714,867.9 | 723,137.0 | 23,219.0 | 23,166.5 | 18,661.6 | 9,880.9 | 96,826.2 | 94,632.0 | 1,405.8 | 1,378.2 | 1,200,837.3 | 1,168,857.8 |

NM = Not meaningful due to large relative standard error.
Values are preliminary.

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

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

## Table 6.2.B. Net Summer Capacity Using Primarily Renewable Energy Sources and by State, May 2024 and 2023 (Megawatts)

| | Summer Capacity at Utility Scale Facilities | | | | | | | | | | | | | | Small Scale Capacity | | Capacity From Utility and Small Scale Facilities | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | Wind | | Solar Photovoltaic | | Solar Thermal | | Conventional Hydroelectric | | Biomass Sources | | Geothermal | | Total Renewable Sources | | Estimated Solar Photovoltaic | | Estimated Total Solar Photovoltaic | | Estimated Total Solar | |
| | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 1,575.7 | 1,575.7 | 2,683.5 | 2,323.9 | 0.0 | 0.0 | 1,951.2 | 1,950.4 | 1,247.4 | 1,253.4 | 0.0 | 0.0 | 7,457.8 | 7,103.4 | 5,499.7 | 4,600.3 | 8,183.2 | 6,924.2 | 8,183.2 | 6,924.2 |
| Connecticut | 5.0 | 5.0 | 303.5 | 272.9 | 0.0 | 0.0 | 119.2 | 119.2 | 139.6 | 139.6 | 0.0 | 0.0 | 567.3 | 536.7 | 1,035.2 | 877.3 | 1,338.7 | 1,150.2 | 1,338.7 | 1,150.2 |
| Maine | 1,029.5 | 1,029.5 | 493.7 | 318.6 | 0.0 | 0.0 | 725.8 | 725.8 | 488.6 | 488.6 | 0.0 | 0.0 | 2,737.6 | 2,562.5 | 634.0 | 376.7 | 1,127.7 | 695.3 | 1,127.7 | 695.3 |
| Massachusetts | 101.8 | 101.8 | 1,342.6 | 1,297.8 | 0.0 | 0.0 | 264.8 | 267.2 | 273.1 | 277.5 | 0.0 | 0.0 | 1,982.3 | 1,944.3 | 2,878.3 | 2,564.8 | 4,220.9 | 3,862.6 | 4,220.9 | 3,862.6 |
| New Hampshire | 211.9 | 211.9 | 2.4 | 2.4 | 0.0 | 0.0 | 506.5 | 504.0 | 225.8 | 225.8 | 0.0 | 0.0 | 946.6 | 944.1 | 250.8 | 206.0 | 253.2 | 208.4 | 253.2 | 208.4 |
| Rhode Island | 77.3 | 77.3 | 395.1 | 293.0 | 0.0 | 0.0 | 2.7 | 2.7 | 40.1 | 40.1 | 0.0 | 0.0 | 515.2 | 413.1 | 508.1 | 397.5 | 903.2 | 690.5 | 903.2 | 690.5 |
| Vermont | 150.2 | 150.2 | 146.2 | 139.2 | 0.0 | 0.0 | 332.2 | 331.5 | 80.2 | 81.8 | 0.0 | 0.0 | 708.8 | 702.7 | 193.2 | 178.0 | 339.4 | 317.2 | 339.4 | 317.2 |
| Middle Atlantic | 4,306.5 | 3,994.6 | 3,800.4 | 2,806.1 | 0.0 | 0.0 | 5,508.3 | 5,505.2 | 1,087.2 | 1,095.8 | 0.0 | 0.0 | 14,702.4 | 13,401.7 | 6,591.6 | 5,932.5 | 10,392.0 | 8,738.6 | 10,392.0 | 8,738.6 |
| New Jersey | 7.6 | 7.6 | 1,167.8 | 1,117.3 | 0.0 | 0.0 | 12.3 | 12.3 | 188.7 | 190.7 | 0.0 | 0.0 | 1,376.4 | 1,327.9 | 2,360.8 | 2,428.2 | 3,528.6 | 3,545.5 | 3,528.6 | 3,545.5 |
| New York | 2,746.3 | 2,527.0 | 1,863.1 | 1,471.6 | 0.0 | 0.0 | 4,566.5 | 4,563.3 | 455.3 | 455.3 | 0.0 | 0.0 | 9,631.2 | 9,017.2 | 3,166.9 | 2,779.9 | 5,030.0 | 4,251.5 | 5,030.0 | 4,251.5 |
| Pennsylvania | 1,552.6 | 1,460.0 | 769.5 | 217.2 | 0.0 | 0.0 | 929.5 | 929.6 | 443.2 | 449.8 | 0.0 | 0.0 | 3,694.8 | 3,056.6 | 1,063.9 | 724.4 | 1,833.4 | 941.6 | 1,833.4 | 941.6 |
| East North Central | 17,016.1 | 16,331.6 | 8,026.6 | 3,763.2 | 0.0 | 0.0 | 880.3 | 876.4 | 1,004.7 | 1,039.6 | 0.0 | 0.0 | 26,927.7 | 22,010.8 | 2,458.6 | 1,992.9 | 10,485.2 | 5,756.1 | 10,485.2 | 5,756.1 |
| Illinois | 7,873.7 | 7,494.9 | 1,217.2 | 927.0 | 0.0 | 0.0 | 32.9 | 32.9 | 55.2 | 55.2 | 0.0 | 0.0 | 9,179.0 | 8,510.0 | 1,271.1 | 1,059.2 | 2,488.3 | 1,986.2 | 2,488.3 | 1,986.2 |
| Indiana | 3,439.1 | 3,352.1 | 1,488.9 | 801.5 | 0.0 | 0.0 | 71.6 | 71.6 | 49.7 | 72.1 | 0.0 | 0.0 | 5,049.3 | 4,297.3 | 266.3 | 234.3 | 1,755.2 | 1,035.8 | 1,755.2 | 1,035.8 |
| Michigan | 3,775.3 | 3,561.1 | 995.0 | 727.7 | 0.0 | 0.0 | 263.8 | 263.8 | 490.4 | 489.3 | 0.0 | 0.0 | 5,524.5 | 5,041.9 | 244.6 | 205.5 | 1,239.6 | 933.2 | 1,239.6 | 933.2 |
| Ohio | 1,101.8 | 1,097.3 | 2,460.3 | 533.1 | 0.0 | 0.0 | 101.9 | 101.9 | 77.8 | 77.8 | 0.0 | 0.0 | 3,741.8 | 1,810.1 | 397.8 | 304.2 | 2,858.1 | 837.3 | 2,858.1 | 837.3 |
| Wisconsin | 826.2 | 826.2 | 1,865.2 | 773.9 | 0.0 | 0.0 | 410.1 | 406.2 | 331.6 | 345.2 | 0.0 | 0.0 | 3,433.1 | 2,351.5 | 278.8 | 189.6 | 2,144.0 | 963.5 | 2,144.0 | 963.5 |
| West North Central | 40,153.1 | 38,753.4 | 1,965.2 | 1,597.2 | 0.0 | 0.0 | 3,364.6 | 3,363.9 | 390.9 | 393.7 | 0.0 | 0.0 | 45,873.8 | 44,108.9 | 1,207.3 | 979.6 | 3,172.5 | 2,576.8 | 3,172.5 | 2,576.8 |
| Iowa | 12,803.8 | 12,602.9 | 321.3 | 260.5 | 0.0 | 0.0 | 209.4 | 209.4 | 20.6 | 20.6 | 0.0 | 0.0 | 13,355.1 | 13,093.4 | 314.3 | 245.9 | 635.6 | 506.4 | 635.6 | 506.4 |
| Kansas | 9,042.7 | 8,238.1 | 42.1 | 39.1 | 0.0 | 0.0 | 7.0 | 7.0 | 9.0 | 9.0 | 0.0 | 0.0 | 9,100.8 | 8,293.2 | 110.2 | 73.2 | 152.3 | 112.3 | 152.3 | 112.3 |
| Minnesota | 4,928.7 | 4,928.7 | 1,298.4 | 1,155.2 | 0.0 | 0.0 | 212.0 | 211.3 | 316.6 | 316.6 | 0.0 | 0.0 | 6,755.7 | 6,612.5 | 268.5 | 208.1 | 1,566.9 | 1,363.3 | 1,566.9 | 1,363.3 |
| Missouri | 2,374.9 | 2,374.9 | 100.8 | 100.8 | 0.0 | 0.0 | 548.5 | 548.5 | 14.0 | 14.0 | 0.0 | 0.0 | 3,038.2 | 3,038.2 | 468.5 | 419.8 | 569.3 | 520.6 | 569.3 | 520.6 |
| Nebraska | 3,518.3 | 3,518.3 | 121.6 | 40.6 | 0.0 | 0.0 | 279.7 | 279.7 | 15.5 | 15.5 | 0.0 | 0.0 | 3,935.1 | 3,854.1 | 39.2 | 29.1 | 160.8 | 69.7 | 160.8 | 69.7 |
| North Dakota | 4,320.1 | 4,323.3 | 0.0 | 0.0 | 0.0 | 0.0 | 510.0 | 510.0 | 9.8 | 12.6 | 0.0 | 0.0 | 4,839.9 | 4,845.9 | 1.7 | 1.6 | 1.7 | 1.6 | 1.7 | 1.6 |
| South Dakota | 3,164.6 | 2,767.2 | 81.0 | 1.0 | 0.0 | 0.0 | 1,598.0 | 1,598.0 | 5.4 | 5.4 | 0.0 | 0.0 | 4,849.0 | 4,371.6 | 4.9 | 1.7 | 85.9 | 2.7 | 85.9 | 2.7 |
| South Atlantic | 1,267.2 | 1,267.2 | 26,668.8 | 22,468.8 | 0.0 | 0.0 | 7,055.3 | 7,139.6 | 3,696.7 | 3,966.5 | 0.0 | 0.0 | 38,688.0 | 34,842.1 | 5,807.2 | 4,878.3 | 32,476.0 | 27,347.1 | 32,476.0 | 27,347.1 |
| Delaware | 2.0 | 2.0 | 92.6 | 89.5 | 0.0 | 0.0 | 0.0 | 0.0 | 14.2 | 14.2 | 0.0 | 0.0 | 108.8 | 105.7 | 142.0 | 130.1 | 234.6 | 219.6 | 234.6 | 219.6 |
| District of Columbia | 0.0 | 0.0 | 19.6 | 18.5 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 12.0 | 0.0 | 0.0 | 31.6 | 30.5 | 157.4 | 125.1 | 177.0 | 143.6 | 177.0 | 143.6 |
| Florida | 0.0 | 0.0 | 9,591.1 | 7,486.0 | 0.0 | 0.0 | 43.5 | 43.5 | 1,001.6 | 1,141.2 | 0.0 | 0.0 | 10,636.2 | 8,670.7 | 2,505.0 | 2,083.6 | 12,096.1 | 9,569.6 | 12,096.1 | 9,569.6 |
| Georgia | 0.0 | 0.0 | 4,283.0 | 3,727.9 | 0.0 | 0.0 | 1,985.0 | 1,985.0 | 1,006.2 | 1,011.6 | 0.0 | 0.0 | 7,274.2 | 6,724.5 | NM | 301.5 | NM | 4,029.4 | NM | 4,029.4 |
| Maryland | 190.0 | 190.0 | 611.9 | 555.6 | 0.0 | 0.0 | 514.9 | 590.0 | 139.9 | 139.9 | 0.0 | 0.0 | 1,456.7 | 1,475.5 | 1,100.8 | 991.8 | 1,712.7 | 1,547.4 | 1,712.7 | 1,547.4 |
| North Carolina | 208.0 | 208.0 | 6,705.2 | 6,242.7 | 0.0 | 0.0 | 2,010.5 | 2,008.7 | 372.1 | 391.5 | 0.0 | 0.0 | 9,295.8 | 8,850.9 | 521.0 | 442.7 | 7,226.2 | 6,685.4 | 7,226.2 | 6,685.4 |
| South Carolina | 0.0 | 0.0 | 1,573.5 | 1,491.6 | 0.0 | 0.0 | 1,294.0 | 1,305.0 | 362.7 | 450.7 | 0.0 | 0.0 | 3,230.2 | 3,247.3 | 406.1 | 363.5 | 1,979.6 | 1,855.1 | 1,979.6 | 1,855.1 |
| Virginia | 12.0 | 12.0 | 3,693.0 | 2,857.0 | 0.0 | 0.0 | 866.6 | 866.6 | 784.8 | 802.2 | 0.0 | 0.0 | 5,356.4 | 4,537.8 | 633.1 | 410.2 | 4,326.1 | 3,267.2 | 4,326.1 | 3,267.2 |
| West Virginia | 855.2 | 855.2 | 98.9 | 0.0 | 0.0 | 0.0 | 340.8 | 340.8 | 3.2 | 3.2 | 0.0 | 0.0 | 1,298.1 | 1,199.2 | 39.5 | 30.0 | 138.4 | 30.0 | 138.4 | 30.0 |
| East South Central | 213.6 | 29.1 | 2,038.3 | 1,462.0 | 0.0 | 0.0 | 7,037.8 | 7,037.8 | 1,134.5 | 1,166.4 | 0.0 | 0.0 | 10,424.2 | 9,695.3 | 184.7 | 150.7 | 2,223.0 | 1,612.7 | 2,223.0 | 1,612.7 |
| Alabama | 0.0 | 0.0 | 601.1 | 601.1 | 0.0 | 0.0 | 3,291.8 | 3,291.8 | 616.7 | 644.6 | 0.0 | 0.0 | 4,509.6 | 4,537.5 | NM | NM | NM | NM | NM | NM |
| Kentucky | 0.0 | 0.0 | 82.3 | 79.8 | 0.0 | 0.0 | 1,137.4 | 1,137.4 | 70.5 | 74.5 | 0.0 | 0.0 | 1,290.2 | 1,291.7 | 97.8 | 80.8 | 180.1 | 160.6 | 180.1 | 160.6 |
| Mississippi | 184.5 | 0.0 | 754.1 | 319.3 | 0.0 | 0.0 | 0.0 | 0.0 | 302.4 | 302.4 | 0.0 | 0.0 | 1,241.0 | 621.7 | 22.7 | 13.4 | 776.8 | 332.7 | 776.8 | 332.7 |
| Tennessee | 29.1 | 29.1 | 600.8 | 461.8 | 0.0 | 0.0 | 2,608.6 | 2,608.6 | 144.9 | 144.9 | 0.0 | 0.0 | 3,383.4 | 3,244.4 | 49.2 | 44.3 | 650.0 | 506.1 | 650.0 | 506.1 |
| West South Central | 54,302.7 | 52,380.4 | 18,601.1 | 12,476.5 | 0.0 | 0.0 | 3,013.0 | 3,016.1 | 1,074.4 | 1,088.0 | 0.0 | 0.0 | 76,991.2 | 68,961.0 | 3,458.7 | 2,854.5 | 22,059.8 | 15,331.0 | 22,059.8 | 15,331.0 |
| Arkansas | 0.0 | 0.0 | 1,002.6 | 331.2 | 0.0 | 0.0 | 1,265.2 | 1,265.2 | 223.0 | 227.0 | 0.0 | 0.0 | 2,490.8 | 1,823.4 | 272.5 | 238.1 | 1,275.1 | 569.3 | 1,275.1 | 569.3 |
| Louisiana | 0.0 | 0.0 | 344.5 | 144.5 | 0.0 | 0.0 | 192.0 | 192.0 | 422.1 | 422.1 | 0.0 | 0.0 | 958.6 | 758.6 | 225.8 | 175.4 | 570.3 | 319.9 | 570.3 | 319.9 |
| Oklahoma | 12,648.2 | 12,145.7 | 167.5 | 47.5 | 0.0 | 0.0 | 840.6 | 843.7 | 76.2 | 76.2 | 0.0 | 0.0 | 13,732.5 | 13,113.1 | 117.6 | 82.5 | 285.1 | 130.0 | 285.1 | 130.0 |
| Texas | 41,654.5 | 40,234.7 | 17,086.5 | 11,953.3 | 0.0 | 0.0 | 715.2 | 715.2 | 353.1 | 362.7 | 0.0 | 0.0 | 59,809.3 | 53,265.9 | 2,842.7 | 2,358.5 | 19,929.2 | 14,311.8 | 19,929.2 | 14,311.8 |
| Mountain | 17,380.8 | 16,396.0 | 15,097.5 | 10,623.1 | 474.2 | 474.2 | 10,567.4 | 10,609.2 | 176.2 | 174.4 | 748.3 | 744.3 | 44,444.4 | 39,021.2 | 5,847.0 | 5,103.5 | 20,944.5 | 15,726.6 | 21,418.7 | 16,200.8 |
| Arizona | 1,071.5 | 855.5 | 3,401.7 | 2,703.6 | 295.6 | 295.6 | 2,720.7 | 2,719.7 | 27.9 | 27.9 | 0.0 | 0.0 | 7,517.4 | 6,602.3 | 2,483.1 | 2,300.6 | 5,884.8 | 5,004.2 | 6,180.4 | 5,299.8 |
| Colorado | 5,336.7 | 5,137.7 | 2,178.8 | 1,308.6 | 0.0 | 0.0 | 689.7 | 689.7 | 28.7 | 28.7 | 0.0 | 0.0 | 8,233.9 | 7,164.7 | 1,124.6 | 921.4 | 3,303.4 | 2,230.0 | 3,303.4 | 2,230.0 |
| Idaho | 1,128.3 | 968.3 | 502.0 | 362.0 | 0.0 | 0.0 | 2,630.8 | 2,672.3 | 84.4 | 83.1 | 10.0 | 10.0 | 4,355.5 | 4,095.7 | 167.7 | 139.2 | 669.7 | 501.2 | 669.7 | 501.2 |
| Montana | 1,789.6 | 1,478.9 | 177.0 | 97.0 | 0.0 | 0.0 | 2,825.0 | 2,826.3 | 6.2 | 4.6 | 0.0 | 0.0 | 4,797.8 | 4,406.8 | 67.8 | 46.6 | 244.8 | 143.6 | 244.8 | 143.6 |
| Nevada | 150.0 | 150.0 | 4,868.3 | 3,548.5 | 178.5 | 178.5 | 1,051.7 | 1,051.7 | 9.8 | 9.8 | 659.0 | 655.0 | 6,917.3 | 5,593.5 | 1,036.5 | 845.0 | 5,904.8 | 4,393.5 | 6,083.3 | 4,572.0 |
| New Mexico | 4,409.0 | 4,409.0 | 1,621.9 | 885.7 | 0.0 | 0.0 | 82.7 | 82.7 | 6.4 | 7.5 | 8.6 | 8.6 | 6,128.6 | 5,393.5 | 403.7 | 342.3 | 2,025.6 | 1,228.0 | 2,025.6 | 1,228.0 |
| Utah | 389.7 | 389.7 | 2,105.8 | 1,625.7 | 0.1 | 0.1 | 259.7 | 259.7 | 12.8 | 12.8 | 70.7 | 70.7 | 2,838.8 | 2,358.7 | 543.4 | 491.3 | 2,649.2 | 2,117.0 | 2,649.3 | 2,117.1 |
| Wyoming | 3,106.0 | 3,006.9 | 242.0 | 92.0 | 0.0 | 0.0 | 307.1 | 307.1 | 0.0 | 0.0 | 0.0 | 0.0 | 3,655.1 | 3,406.0 | 20.1 | 17.0 | 262.1 | 109.0 | 262.1 | 109.0 |
| Pacific Contiguous | 13,648.1 | 13,496.9 | 20,648.5 | 17,913.4 | 1,005.8 | 1,005.8 | 39,976.2 | 40,074.7 | 1,687.1 | 1,743.3 | 1,904.5 | 1,886.3 | 78,870.2 | 76,120.4 | 18,232.5 | 15,800.4 | 38,881.0 | 33,713.8 | 39,886.8 | 34,719.6 |
| California | 6,296.7 | 6,145.5 | 19,440.7 | 16,769.3 | 1,005.8 | 1,005.8 | 10,179.1 | 10,229.3 | 1,117.0 | 1,118.2 | 1,885.0 | 1,866.8 | 39,924.3 | 37,134.9 | 17,355.1 | 15,068.8 | 36,795.8 | 31,838.1 | 37,801.6 | 32,843.9 |
| Oregon | 3,976.5 | 3,976.5 | 1,019.4 | 955.7 | 0.0 | 0.0 | 8,265.2 | 8,358.8 | 294.9 | 294.9 | 19.5 | 19.5 | 13,575.5 | 13,605.4 | 424.4 | 354.9 | 1,443.8 | 1,310.6 | 1,443.8 | 1,310.6 |
| Washington | 3,374.9 | 3,374.9 | 188.4 | 188.4 | 0.0 | 0.0 | 21,531.9 | 21,486.6 | 275.2 | 330.2 | 0.0 | 0.0 | 25,370.4 | 25,380.1 | 453.1 | 376.6 | 641.5 | 565.0 | 641.5 | 565.0 |
| Pacific Noncontiguous | 292.2 | 292.2 | 472.4 | 393.9 | 0.0 | 0.0 | 508.6 | 508.4 | 160.9 | 160.9 | 43.0 | 43.0 | 1,477.1 | 1,398.4 | 909.2 | 817.6 | 1,381.6 | 1,211.5 | 1,381.6 | 1,211.5 |
| Alaska | 59.0 | 59.0 | 7.7 | 0.8 | 0.0 | 0.0 | 476.2 | 476.0 | 7.0 | 7.0 | 0.0 | 0.0 | 549.9 | 542.8 | 20.3 | 17.1 | 28.0 | 17.9 | 28.0 | 17.9 |
| Hawaii | 233.2 | 233.2 | 464.7 | 393.1 | 0.0 | 0.0 | 32.4 | 32.4 | 153.9 | 153.9 | 43.0 | 43.0 | 927.2 | 855.6 | 888.9 | 800.5 | 1,353.6 | 1,193.6 | 1,353.6 | 1,193.6 |
| U.S. Total | 150,156.0 | 144,517.1 | 100,002.3 | 75,828.1 | 1,480.0 | 1,480.0 | 79,862.7 | 80,081.7 | 11,660.0 | 12,082.0 | 2,695.8 | 2,673.6 | 345,856.8 | 316,663.2 | 50,196.5 | 43,110.2 | 150,198.8 | 118,938.3 | 151,678.8 | 120,418.3 |

NM = Not meaningful due to large relative standard error.
Values are preliminary.

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.'
Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861, and from estimation methods described in the technical notes.

## Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, May 2024 and 2023 (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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 | May 2024 | May 2023 |
| New England | 14,037.4 | 14,331.8 | 1,238.2 | 1,581.8 | 686.9 | 681.8 | 533.9 | 533.9 | 0.0 | 0.0 | 5,957.5 | 5,567.1 | 0.0 | 0.0 | 22,453.9 | 22,696.4 |
| Connecticut | 3,923.0 | 3,919.4 | 584.0 | 587.6 | 571.2 | 557.2 | 0.0 | 0.0 | 0.0 | 0.0 | 2,208.7 | 2,357.1 | 0.0 | 0.0 | 7,286.9 | 7,421.3 |
| Maine | 1,285.7 | 1,279.7 | 181.8 | 181.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 844.7 | 844.7 | 0.0 | 0.0 | 2,312.2 | 2,306.2 |
| Massachusetts | 5,865.0 | 6,169.0 | 456.2 | 796.2 | 90.3 | 99.2 | 0.0 | 0.0 | 0.0 | 0.0 | 2,276.8 | 1,738.0 | 0.0 | 0.0 | 8,688.3 | 8,802.4 |
| New Hampshire | 1,228.5 | 1,228.5 | 3.8 | 3.8 | 0.0 | 0.0 | 533.9 | 533.9 | 0.0 | 0.0 | 494.2 | 494.2 | 0.0 | 0.0 | 2,260.4 | 2,260.4 |
| Rhode Island | 1,735.2 | 1,735.2 | 12.4 | 12.4 | 25.4 | 25.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.1 | 0.0 | 0.0 | 1,780.1 | 1,780.1 |
| Vermont | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 126.0 | 126.0 | 0.0 | 0.0 | 126.0 | 126.0 |
| Middle Atlantic | 37,277.7 | 37,199.6 | 7,091.8 | 7,150.9 | 15,917.8 | 15,154.4 | 5,382.6 | 8,023.2 | 11.6 | 11.6 | 5,093.9 | 5,082.5 | 114.9 | 114.9 | 70,890.3 | 72,737.1 |
| New Jersey | 8,374.0 | 8,356.5 | 2,734.5 | 2,740.5 | 69.9 | 73.7 | 0.0 | 0.0 | 11.6 | 11.6 | 290.1 | 290.1 | 29.0 | 29.0 | 11,509.1 | 11,501.4 |
| New York | 9,908.9 | 9,903.0 | 2,459.0 | 2,459.6 | 9,962.7 | 9,946.9 | 0.0 | 0.0 | 0.0 | 0.0 | 3,463.7 | 3,473.9 | 0.0 | 0.0 | 25,794.3 | 25,783.4 |
| Pennsylvania | 18,994.8 | 18,940.1 | 1,898.3 | 1,950.8 | 5,885.2 | 5,133.8 | 5,382.6 | 8,023.2 | 0.0 | 0.0 | 1,340.1 | 1,318.5 | 85.9 | 85.9 | 33,586.9 | 35,452.3 |
| East North Central | 31,459.1 | 30,049.7 | 26,209.4 | 26,889.9 | 4,501.6 | 5,701.0 | 36,681.3 | 39,827.0 | 251.1 | 249.9 | 2,269.4 | 2,268.5 | 1,022.0 | 1,050.0 | 102,393.9 | 106,036.0 |
| Illinois | 5,823.1 | 4,688.4 | 10,380.0 | 10,689.9 | 373.0 | 1,723.0 | 6,694.5 | 6,853.5 | 0.0 | 0.0 | 659.9 | 663.5 | 36.5 | 36.5 | 23,967.0 | 24,654.8 |
| Indiana | 3,916.2 | 3,875.0 | 3,365.9 | 3,365.9 | 851.4 | 829.0 | 12,847.2 | 13,832.9 | 0.0 | 0.0 | 94.9 | 95.8 | 545.1 | 545.1 | 21,620.7 | 22,543.7 |
| Michigan | 7,691.6 | 7,365.6 | 3,570.0 | 3,896.0 | 2,513.3 | 2,540.5 | 5,801.9 | 5,801.9 | 47.2 | 47.2 | 432.5 | 419.3 | 250.0 | 250.0 | 20,306.5 | 20,320.5 |
| Ohio | 10,554.2 | 10,597.8 | 5,721.3 | 5,686.6 | 101.0 | 102.2 | 6,607.5 | 8,097.5 | 145.5 | 144.3 | 504.8 | 507.3 | 190.4 | 218.4 | 23,824.7 | 25,354.1 |
| Wisconsin | 3,474.0 | 3,522.9 | 3,172.2 | 3,251.5 | 662.9 | 506.3 | 4,730.2 | 5,241.2 | 58.4 | 58.4 | 577.3 | 582.6 | 0.0 | 0.0 | 12,675.0 | 13,162.9 |
| West North Central | 7,047.3 | 7,073.6 | 11,619.4 | 11,575.3 | 3,784.3 | 3,655.9 | 30,374.0 | 31,385.9 | 32.0 | 39.5 | 3,829.3 | 3,887.1 | 8.4 | 5.6 | 56,694.7 | 57,622.9 |
| Iowa | 1,741.9 | 1,752.5 | 1,210.6 | 1,113.4 | 751.2 | 729.1 | 4,846.3 | 5,074.6 | 32.0 | 39.5 | 796.7 | 935.8 | 0.0 | 0.0 | 9,378.7 | 9,644.9 |
| Kansas | 247.0 | 266.0 | 2,208.4 | 2,199.0 | 1,396.3 | 1,392.7 | 4,524.7 | 4,521.4 | 0.0 | 0.0 | 540.1 | 539.3 | 0.0 | 0.0 | 8,916.5 | 8,918.4 |
| Minnesota | 2,532.9 | 2,532.9 | 2,545.0 | 2,545.8 | 446.9 | 446.9 | 3,141.7 | 3,823.7 | 0.0 | 0.0 | 772.3 | 772.3 | 0.0 | 0.0 | 9,438.8 | 10,121.6 |
| Missouri | 1,892.5 | 1,889.2 | 3,200.8 | 3,261.0 | 391.6 | 391.6 | 9,714.2 | 9,714.2 | 0.0 | 0.0 | 1,087.0 | 1,005.7 | 0.0 | 0.0 | 16,286.1 | 16,261.7 |
| Nebraska | 338.0 | 338.0 | 1,106.9 | 1,106.9 | 523.0 | 517.4 | 3,839.6 | 3,845.6 | 0.0 | 0.0 | 361.0 | 359.1 | 0.0 | 0.0 | 6,168.5 | 6,167.0 |
| North Dakota | 0.0 | 0.0 | 454.0 | 454.0 | 203.9 | 106.8 | 3,832.5 | 3,931.4 | 0.0 | 0.0 | 58.1 | 60.0 | 8.4 | 5.6 | 4,556.9 | 4,557.8 |
| South Dakota | 295.0 | 295.0 | 893.7 | 895.2 | 71.4 | 71.4 | 475.0 | 475.0 | 0.0 | 0.0 | 214.1 | 214.9 | 0.0 | 0.0 | 1,949.2 | 1,951.5 |
| South Atlantic | 65,934.5 | 65,845.8 | 32,235.3 | 31,826.1 | 14,231.3 | 14,231.6 | 35,021.7 | 36,034.7 | 83.8 | 83.8 | 6,041.7 | 6,183.0 | 135.0 | 135.0 | 153,683.3 | 154,340.0 |
| Delaware | 1,496.0 | 1,496.0 | 314.0 | 314.0 | 723.8 | 723.8 | 410.0 | 410.0 | 0.0 | 0.0 | 111.1 | 111.1 | 135.0 | 135.0 | 3,189.9 | 3,189.9 |
| District of Columbia | 0.0 | 0.0 | 20.6 | 20.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.6 | 20.6 |
| Florida | 35,791.0 | 35,707.4 | 8,791.0 | 8,834.0 | 5,201.3 | 5,201.3 | 3,989.7 | 4,615.7 | 0.0 | 0.0 | 1,610.9 | 1,631.4 | 0.0 | 0.0 | 55,383.9 | 55,989.8 |
| Georgia | 8,067.0 | 8,073.2 | 7,569.1 | 7,143.5 | 850.1 | 850.1 | 5,780.0 | 5,780.0 | 83.8 | 83.8 | 1,168.0 | 1,601.6 | 0.0 | 0.0 | 23,518.0 | 23,532.2 |
| Maryland | 2,745.8 | 2,766.0 | 1,675.6 | 1,675.7 | 1,210.1 | 1,210.1 | 1,453.0 | 1,758.0 | 0.0 | 0.0 | 1,656.3 | 1,332.5 | 0.0 | 0.0 | 8,740.8 | 8,742.3 |
| North Carolina | 5,579.0 | 5,579.0 | 6,030.5 | 6,002.5 | 4,665.7 | 4,665.7 | 4,552.0 | 4,594.0 | 0.0 | 0.0 | 501.4 | 501.4 | 0.0 | 0.0 | 21,328.6 | 21,342.6 |
| South Carolina | 3,252.0 | 3,252.0 | 2,502.7 | 2,497.0 | 883.0 | 883.0 | 4,749.0 | 4,789.0 | 0.0 | 0.0 | 242.6 | 244.6 | 0.0 | 0.0 | 11,629.3 | 11,665.6 |
| Virginia | 9,003.7 | 8,972.2 | 4,242.3 | 4,249.3 | 581.8 | 582.1 | 1,530.0 | 1,530.0 | 0.0 | 0.0 | 740.4 | 749.4 | 0.0 | 0.0 | 16,098.2 | 16,083.0 |
| West Virginia | 0.0 | 0.0 | 1,089.5 | 1,089.5 | 115.5 | 115.5 | 12,558.0 | 12,558.0 | 0.0 | 0.0 | 11.0 | 11.0 | 0.0 | 0.0 | 13,774.0 | 13,774.0 |
| East South Central | 23,802.8 | 22,461.4 | 13,682.0 | 12,325.0 | 4,012.2 | 4,475.8 | 20,288.5 | 20,306.5 | 0.0 | 0.0 | 533.9 | 533.9 | 0.0 | 3.8 | 62,319.4 | 60,106.4 |
| Alabama | 11,172.2 | 9,828.3 | 3,307.8 | 2,644.8 | 1,883.4 | 1,852.7 | 4,728.0 | 4,728.0 | 0.0 | 0.0 | 42.6 | 42.6 | 0.0 | 3.8 | 21,134.0 | 19,100.2 |
| Kentucky | 1,791.0 | 1,763.0 | 5,599.6 | 4,905.6 | 483.0 | 483.0 | 9,162.0 | 9,180.0 | 0.0 | 0.0 | 11.9 | 11.9 | 0.0 | 0.0 | 17,047.5 | 16,343.5 |
| Mississippi | 8,384.5 | 8,415.0 | 1,369.3 | 1,369.3 | 1,512.3 | 2,006.6 | 1,444.0 | 1,444.0 | 0.0 | 0.0 | 9.0 | 9.0 | 0.0 | 0.0 | 12,719.1 | 13,243.9 |
| Tennessee | 2,455.1 | 2,455.1 | 3,405.3 | 3,405.3 | 133.5 | 133.5 | 4,954.5 | 4,954.5 | 0.0 | 0.0 | 470.4 | 470.4 | 0.0 | 0.0 | 11,418.8 | 11,418.8 |
| West South Central | 64,249.8 | 65,938.9 | 16,883.8 | 16,964.1 | 29,371.5 | 29,703.8 | 26,698.6 | 27,078.9 | 891.4 | 882.1 | 754.2 | 702.7 | 390.7 | 213.4 | 139,240.0 | 141,483.9 |
| Arkansas | 4,605.2 | 4,616.3 | 702.8 | 702.8 | 824.0 | 824.0 | 4,734.0 | 5,108.7 | 0.0 | 0.0 | 9.0 | 9.0 | 0.0 | 0.0 | 10,875.0 | 11,260.8 |
| Louisiana | 9,579.0 | 9,695.8 | 2,834.2 | 2,977.1 | 5,462.6 | 5,742.9 | 2,069.5 | 2,074.1 | 827.6 | 818.3 | 49.7 | 49.7 | 167.6 | 189.6 | 20,990.2 | 21,547.5 |
| Oklahoma | 7,349.6 | 8,922.9 | 1,649.2 | 1,643.0 | 5,909.1 | 5,881.1 | 3,272.5 | 3,244.5 | 0.0 | 0.0 | 53.9 | 66.4 | 0.0 | 0.0 | 18,234.3 | 19,757.9 |
| Texas | 42,716.0 | 42,703.9 | 11,697.6 | 11,641.2 | 17,175.8 | 17,255.8 | 16,622.6 | 16,651.6 | 63.8 | 63.8 | 641.6 | 577.6 | 223.1 | 23.8 | 89,140.5 | 88,917.7 |
| Mountain | 23,025.2 | 23,060.9 | 9,620.6 | 9,479.1 | 3,688.4 | 3,687.0 | 21,303.9 | 21,307.9 | 52.0 | 52.0 | 510.0 | 510.0 | 7.8 | 7.8 | 58,207.9 | 58,104.7 |
| Arizona | 10,119.6 | 10,193.6 | 3,084.8 | 3,084.8 | 1,097.6 | 1,097.6 | 2,943.0 | 2,943.0 | 0.0 | 0.0 | 268.5 | 268.5 | 0.0 | 0.0 | 17,513.5 | 17,587.5 |
| Colorado | 3,193.5 | 3,193.5 | 2,688.0 | 2,538.0 | 633.4 | 633.4 | 3,804.0 | 3,804.0 | 0.0 | 0.0 | 150.5 | 150.5 | 3.0 | 3.0 | 10,472.4 | 10,322.4 |
| Idaho | 601.0 | 562.7 | 619.2 | 627.7 | 16.7 | 16.7 | 0.0 | 0.0 | 0.0 | 0.0 | 5.4 | 5.4 | 0.0 | 0.0 | 1,242.3 | 1,212.5 |
| Montana | 0.0 | 0.0 | 315.8 | 315.8 | 72.2 | 72.2 | 1,626.5 | 1,630.5 | 52.0 | 52.0 | 0.0 | 0.0 | 1.5 | 1.5 | 2,068.0 | 2,072.0 |
| Nevada | 5,703.0 | 5,703.0 | 1,185.6 | 1,185.6 | 448.2 | 446.4 | 740.4 | 740.4 | 0.0 | 0.0 | 6.0 | 6.0 | 0.0 | 0.0 | 8,083.2 | 8,081.4 |
| New Mexico | 1,484.1 | 1,484.1 | 945.3 | 945.3 | 833.7 | 832.6 | 1,540.0 | 1,540.0 | 0.0 | 0.0 | 46.0 | 46.0 | 0.0 | 0.0 | 4,849.1 | 4,848.0 |
| Utah | 1,830.0 | 1,830.0 | 534.6 | 534.6 | 330.4 | 334.1 | 4,581.0 | 4,581.0 | 0.0 | 0.0 | 27.8 | 27.8 | 0.0 | 0.0 | 7,303.8 | 7,307.5 |
| Wyoming | 94.0 | 94.0 | 247.3 | 247.3 | 256.2 | 254.0 | 6,069.0 | 6,069.0 | 0.0 | 0.0 | 5.8 | 5.8 | 3.3 | 3.3 | 6,675.6 | 6,673.4 |
| Pacific Contiguous | 26,474.5 | 26,732.9 | 12,312.6 | 12,254.5 | 4,659.9 | 5,496.3 | 727.0 | 727.0 | 0.0 | 0.0 | 439.0 | 439.0 | 214.8 | 194.6 | 44,827.8 | 45,844.3 |
| California | 20,438.7 | 20,711.1 | 11,469.4 | 11,411.3 | 4,401.1 | 5,240.5 | 57.0 | 57.0 | 0.0 | 0.0 | 415.2 | 415.2 | 214.8 | 194.6 | 36,996.2 | 38,029.7 |
| Oregon | 3,409.2 | 3,395.2 | 124.0 | 124.0 | 229.2 | 229.2 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 6.6 | 0.0 | 0.0 | 3,769.0 | 3,755.0 |
| Washington | 2,626.6 | 2,626.6 | 719.2 | 719.2 | 29.6 | 26.6 | 670.0 | 670.0 | 0.0 | 0.0 | 17.2 | 17.2 | 0.0 | 0.0 | 4,062.6 | 4,059.6 |
| Pacific Noncontiguous | 374.6 | 374.6 | 708.5 | 721.1 | 174.4 | 174.4 | 167.9 | 167.9 | 0.0 | 0.0 | 2,731.3 | 2,727.3 | 0.0 | 0.0 | 4,156.7 | 4,165.3 |
| Alaska | 374.6 | 374.6 | 708.5 | 721.1 | 174.4 | 174.4 | 167.9 | 167.9 | 0.0 | 0.0 | 751.4 | 747.4 | 0.0 | 0.0 | 2,176.8 | 2,185.4 |
| Hawaii | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,979.9 | 1,979.9 | 0.0 | 0.0 | 1,979.9 | 1,979.9 |
| U.S. Total | 293,682.9 | 293,069.2 | 131,601.6 | 130,767.8 | 81,028.3 | 82,962.0 | 177,179.4 | 185,392.9 | 1,321.9 | 1,318.9 | 28,160.2 | 27,901.1 | 1,893.6 | 1,725.1 | 714,867.9 | 723,137.0 |

NM = Not meaningful due to large relative standard error.
Values are preliminary.

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

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

## Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 1 | 62921 | Arroyo Solar LLC | IPP | Arroyo Solar Energy Storage Hybrid | NM | 63172 | ARSOL | 300.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 66274 | AstraZeneca Pharmaceuticals | Industrial | AstraZeneca Newark Solar | DE | 67572 | PV-A | 1.6 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 66274 | AstraZeneca Pharmaceuticals | Industrial | AstraZeneca Newark Solar | DE | 67572 | PV-B | 1.6 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65060 | BPL Crown Solar LLC | IPP | BPL Crown Solar LLC | TX | 64259 | OCICR | 100.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65489 | Canyon Wind Project, LLC | IPP | Canyon Wind Project, LLC | TX | 60271 | WT1 | 308.8 | Onshore Wind Turbine | WND | WT |
| 2024 | 1 | 65311 | Clearwater Wind East, LLC | IPP | Clearwater Wind East | MT | 66183 | CWE | 207.9 | Onshore Wind Turbine | WND | WT |
| 2024 | 1 | 56769 | Consolidated Edison Development Inc. | IPP | Mesquite Solar 4, LLC | AZ | 65962 | MS4 | 52.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 56769 | Consolidated Edison Development Inc. | IPP | Mesquite Solar 4, LLC | AZ | 65962 | MS4B | 10.0 | Batteries | MWH | BA |
| 2024 | 1 | 61610 | Delaware River Solar, LLC | IPP | Day Hollow Road Community Solar | NY | 65826 | 1829 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 62091 | Derby Fuel Cell LLC | IPP | Derby Fuel Cell | CT | 62588 | MM45 | 2.8 | Other Natural Gas | NG | FC |
| 2024 | 1 | 62091 | Derby Fuel Cell LLC | IPP | Derby Fuel Cell | CT | 62588 | MM46 | 2.8 | Other Natural Gas | NG | FC |
| 2024 | 1 | 62091 | Derby Fuel Cell LLC | IPP | Derby Fuel Cell | CT | 62588 | MM47 | 2.8 | Other Natural Gas | NG | FC |
| 2024 | 1 | 62091 | Derby Fuel Cell LLC | IPP | Derby Fuel Cell | CT | 62588 | MM48 | 2.8 | Other Natural Gas | NG | FC |
| 2024 | 1 | 62091 | Derby Fuel Cell LLC | IPP | Derby Fuel Cell | CT | 62588 | MM49 | 2.8 | Other Natural Gas | NG | FC |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Beautyberry | FL | 65874 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Caloosahatchee | FL | 65871 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Canoe | FL | 65866 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Ibis | FL | 65877 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Monarch | FL | 65872 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Orchard | FL | 65925 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Pineapple | FL | 65865 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Prairie Creek FL | FL | 65868 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Silver Palm | FL | 65878 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Terrill Creek | FL | 65882 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Turnpike | FL | 65873 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 6452 | Florida Power & Light Co | Electric Utility | White Tail | FL | 65869 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 62856 | Forefront Power, LLC | IPP | CA - DGS RFP - RJ Donovan State Prison | CA | 65104 | 15111 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 62856 | Forefront Power, LLC | IPP | CA-DGS RFP-Pleasant Valley State Prison | CA | 65526 | 15112 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65479 | Goleta Energy Storage, LLC | IPP | Goleta Energy Storage, LLC | CA | 66394 | GOLET | 60.0 | Batteries | MWH | BA |
| 2024 | 1 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Appaloosa Solar I | UT | 65678 | AS1A | 120.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Appaloosa Solar I | UT | 65678 | AS1B | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65076 | HEN Infrastructure, L.L.C. | IPP | Val Verde | TX | 65837 | VALVR | 9.9 | Batteries | MWH | BA |
| 2024 | 1 | 24205 | HF Sinclair Parco Refining LLC | Industrial | Sinclair Oil Refinery | WY | 54374 | NO7 | 2.2 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 1 | 65181 | House Mountain | IPP | House Mountain | TX | 66006 | BA | 63.0 | Batteries | MWH | BA |
| 2024 | 1 | 64927 | IP Lumina II, LLC | IPP | Lumina II Solar Project | TX | 65644 | LUMII | 321.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 64924 | IP Lumina, LLC | IPP | Lumina Solar Project | TX | 65645 | LUMIN | 320.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Arche Energy Project, LLC | OH | 65402 | ARCHE | 107.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 64511 | MN CSG 2019-21 LLC | IPP | Hultman CSG | MN | 65101 | HLTMN | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 12796 | Monongahela Power Co | Electric Utility | Fort Martin Solar | WV | 66898 | FTMS | 18.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 61227 | Nautilus Solar Solutions | IPP | SolarClub 30 (CSG) | MN | 67332 | SC | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65580 | Pioneer Hutt Wind Energy, LLC | IPP | Pioneer Hutt Wind Energy | TX | 66531 | WPION | 140.0 | Onshore Wind Turbine | WND | WT |
| 2024 | 1 | 65577 | Potsdam Community Solar 2, LLC | IPP | NY Potsdam 28 Hamilton St. Solar | NY | 66530 | 21013 | 4.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 59216 | S.C. Johnson & Son, Inc. | Industrial | Waxdale | WI | 59448 | SITEA | 1.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 59216 | S.C. Johnson & Son, Inc. | Industrial | Waxdale | WI | 59448 | SITEB | 0.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 59216 | S.C. Johnson & Son, Inc. | Industrial | Waxdale | WI | 59448 | SITEC | 0.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 65560 | SOL ME Augusta 13 York Farm, LLC | IPP | ME Augusta 13 York Farm Rd Solar | ME | 66512 | 18196 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 17058 | Shell Wind Energy Inc. | IPP | Madison Fields Solar Project, LLC | OH | 66198 | USMDF | 180.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 59573 | Solar Star Prime 3, LLC | IPP | Amazon Bakersfield 1 Solar Project | CA | 65562 | ABFSP | 4.2 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 59573 | Solar Star Prime 3, LLC | IPP | Amazon Bakersfield 1 Solar Project | CA | 65562 | ABSBA | 1.6 | Batteries | MWH | BA |
| 2024 | 1 | 65173 | United States Solar Corporation | IPP | USS Martha Solar (CSG) | MN | 66477 | USMAS | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 1 | 63961 | White Rock Wind East, LLC | IPP | White Rock East Wind Project | OK | 64341 | WRE | 201.5 | Onshore Wind Turbine | WND | WT |
| 2024 | 2 | 65576 | AC Power 14, LLC | IPP | NY Lancaster Gunnville Rd Site 1 Solar CSG | NY | 66528 | 18237 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65576 | AC Power 14, LLC | IPP | NY Lancaster Shisler Rd Site 2 Solar CSG | NY | 66529 | 21013 | 5.2 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65061 | BPL Sol Solar LLC | IPP | BPL Sol Solar LLC | TX | 64260 | OCISO | 100.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61717 | Birch Solar | IPP | Birch Solar | SC | 62185 | 27 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65677 | Dimension Energy LLC | IPP | Prince Edward CSG LLC | VA | 67139 | PRINC | 4.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65677 | Dimension Energy LLC | IPP | White Stone Ocran Solar LLC Community Solar | VA | 67138 | WHITE | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 64872 | Distributed Solar Development, LLC | IPP | FFP - NY Werner CSG | NY | 66829 | P5650 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65054 | Easton CSG 1 LLC | IPP | Easton CSG 1 LLC | ME | 65798 | ESTON | 1.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 66239 | Entegrity Solar El Dorado SD, LLC | IPP | El Dorado AR | AR | 67517 | 63154 | 1.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Hay River (Dunn 1) | WI | 66993 | 717 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Popple Creek (Clark 1) | WI | 66995 | 715 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Trimbelle (Pierce Pepin) | WI | 67054 | 705 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Walleye (Dunn 2) | WI | 66994 | 720 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Wolf River (Chipewa 1) | WI | 67057 | 707 | 1.5 | Solar Photovoltaic | SUN | PV |

## Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 2 | 65076 | HEN Infrastructure, L.L.C. | IPP | Hamilton BESS | TX | 66782 | HAMIL | 9.9 | Batteries | MWH | BA |
| 2024 | 2 | 63959 | Horizon Hill Wind, LLC | IPP | Horizon Hill Wind Project | OK | 64339 | HHILL | 201.5 | Onshore Wind Turbine | WND | WT |
| 2024 | 2 | 9417 | Interstate Power and Light Co | Electric Utility | Cedar Rapids Community Solar | IA | 67089 | PV1 | 4.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 2 | PA | 65077 | PACT2 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 5 | PA | 65080 | PACT5 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65785 | Luminace Sunbeam Development Holdings, LLC | IPP | ME Novel Lighthouse - Huggard Ave Solar CSG | ME | 66833 | HUG | 2.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61944 | MN8 Energy LLC | IPP | NY8 - Teichos Pattersonville | NY | 65840 | GEN1 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61944 | MN8 Energy LLC | IPP | Summit - Cicero | NY | 66273 | GEN1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 11479 | Madison Gas & Electric Co | Electric Utility | Tyto Solar | WI | 67196 | 1 | 6.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61153 | Montevue Lane Solar, LLC | IPP | Fort Detrick Solar PV | MD | 61552 | FDSBS | 6.0 | Batteries | MWH | BA |
| 2024 | 2 | 65574 | NYSolar03 LLC | IPP | NY Geneseo 3240 W Lake Rd Solar | NY | 66526 | 19372 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61227 | Nautilus Solar Solutions | IPP | Mustang One | MD | 67399 | SC | 1.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 61227 | Nautilus Solar Solutions | IPP | Sanford -NY | NY | 67452 | SC | 4.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 64358 | New Market Solar | IPP | New Market Solar | OH | 64853 | NMS2 | 65.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 64371 | RPNY Solar 3, LLC | IPP | Slayton Settlement Road Solar CSG | NY | 64867 | SLYTA | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 63639 | Rocket Solar, LLC | IPP | Rocket Solar, LLC | UT | 63983 | RS | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65969 | SR Marion, LLC | IPP | SR Marion, LLC | TN | 67158 | MARN1 | 1.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 66150 | TJA-NY-11202 Ridge Rd Medina, LLC | IPP | Source Power NY III - Medina II (CSG) | NY | 66259 | P5646 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 64932 | Texas Solar Nova 2, LLC | IPP | Texas Solar Nova 2 | TX | 65660 | TSN2 | 200.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 2 | 65755 | VESI 23 LLC | IPP | Justin Court Energy Storage | NJ | 66758 | JC1 | 20.0 | Batteries | MWH | BA |
| 2024 | 3 | 64904 | AES Clean Energy | IPP | Westport Stone & Sand Solar (CSG) | MA | 66447 | WESTP | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 61012 | AES Distributed Energy | IPP | AES West Oahu Solar Hybrid | HI | 64656 | UHBES | 12.5 | Batteries | MWH | BA |
| 2024 | 3 | 61012 | AES Distributed Energy | IPP | AES West Oahu Solar Hybrid | HI | 64656 | UHWO | 12.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64996 | Arica Solar, LLC | IPP | Arica Solar | CA | 65744 | ARCBA | 136.0 | Batteries | MWH | BA |
| 2024 | 3 | 64996 | Arica Solar, LLC | IPP | Arica Solar | CA | 65744 | ARCPV | 263.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 58939 | Cameron Wind 1 LLC | IPP | Cameron Wind 1 LLC | TX | 59118 | SABAL | 16.4 | Batteries | MWH | BA |
| 2024 | 3 | 64624 | Cedar Creek Wind, LLC | IPP | Cedar Creek Wind, LLC | ID | 65311 | CDCRK | 160.0 | Onshore Wind Turbine | WND | WT |
| 2024 | 3 | 3913 | City of Colby - (KS) | Electric Utility | Colby City of | KS | 1272 | 9 | 3.0 | Petroleum Liquids | DFO | IC |
| 2024 | 3 | 65677 | Dimension Energy LLC | IPP | Visalia CSG LLC | CA | 66677 | VISAL | 3.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6455 | Duke Energy Florida, LLC | Electric Utility | Mule Creek Renewable Energy Center | FL | 65501 | PV1 | 74.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6455 | Duke Energy Florida, LLC | Electric Utility | Winquepin Renewable Energy Center | FL | 66553 | PV1 | 74.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 59380 | Enel Green Power NA, Inc. | IPP | Ganado Solar | TX | 67284 | GBA | 70.5 | Batteries | MWH | BA |
| 2024 | 3 | 66235 | Entegrity Solar ADC, LLC | IPP | ADC Varner | AR | 67513 | 63612 | 4.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Big Juniper Solar | FL | 65862 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Fourmile Creek | FL | 65927 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Hawthorne Creek | FL | 65926 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Nature Trail | FL | 65924 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Pecan Tree | FL | 65879 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Sambucus | FL | 65864 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Sparkleberry | FL | 65867 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Three Creeks | FL | 65863 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Wild Quail | FL | 65910 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Woodyard | FL | 65875 | 1 | 74.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 62856 | Forefront Power, LLC | IPP | CA-DGS- RFP-Correctional Training Fac | CA | 65524 | 14069 | 1.6 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 62856 | Forefront Power, LLC | IPP | Grossmont-Cuyamaca-Cuyamaca Col. Solar & | CA | 66023 | 18009 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 62856 | Forefront Power, LLC | IPP | Grossmont-Cuyamaca-Cuyamaca Col. Solar & | CA | 66023 | 19043 | 1.0 | Batteries | MWH | BA |
| 2024 | 3 | 63117 | Gemini Solar | IPP | Gemini Solar | NV | 63352 | ARBE1 | 690.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 63117 | Gemini Solar | IPP | Gemini Solar | NV | 63352 | ARPV1 | 380.0 | Batteries | MWH | BA |
| 2024 | 3 | 63545 | Golden Field Solar III, LLC | IPP | Golden Field Solar III, LLC | CA | 63859 | RCBA | 147.0 | Batteries | MWH | BA |
| 2024 | 3 | 65575 | Grand Island Sunrise LLC | IPP | NY Grand Island 871 Whitehaven Rd Solar | NY | 66527 | 21011 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Athens Ridge | ME | 66832 | 574 | 2.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Ogema | WI | 67055 | 706 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Diboll BESS | TX | 66794 | DIBOL | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Garden City East BESS | TX | 66791 | GRDNE | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Judkins BESS | TX | 66790 | JUDKS | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Lufkin South BESS | TX | 66789 | LUFKS | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Mineral Wells East BESS | TX | 66788 | MNWLE | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 65076 | HEN Infrastructure, L.L.C. | IPP | Pauline BESS | TX | 66784 | PAULN | 9.9 | Batteries | MWH | BA |
| 2024 | 3 | 8366 | Heber Light & Power Company | Electric Utility | Heber City | UT | 7111 | 14 | 2.2 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 3 | 65400 | Horus West Virginia 1, LLC | IPP | Blake Solar Plant | WV | 66276 | US620 | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 9417 | Interstate Power and Light Co | Electric Utility | Duane Arnold Solar I (50 MW) | IA | 67140 | PV1 | 50.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 66099 | Jade Meadow LLC | IPP | Jade Meadow LLC | MD | 67214 | JMS01 | 19.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 62836 | Navisun LLC | IPP | Acushnet MA 2 (CSG) | MA | 64707 | ACNT2 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64507 | North Haven Solar One, LLC | IPP | North Haven Solar One | CT | 65109 | VCP11 | 1.6 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 59254 | NuGen Capital Management | IPP | Bristol Landfill Solar | RI | 65142 | BL1 | 5.0 | Solar Photovoltaic | SUN | PV |

## Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 3 | 61298 | Pine Gate Renewables | IPP | Pleasant Hill PV1 | NC | 63787 | PHILL | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64371 | RPNY Solar 3, LLC | IPP | Slayton Settlement Road Solar CSG | NY | 64867 | SLYTB | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 66163 | SR Canadaville, LLC | IPP | SR Canadaville, LLC | TN | 67298 | CANAD | 16.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 63781 | SR North Stonington, LLC | IPP | SR North Stonington | CT | 64160 | STONE | 12.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Boulevard Energy Storage | CA | 66279 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Clairemont Energy Storage | CA | 66266 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Elliott Energy Storage | CA | 66278 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Melrose BESS | CA | 66281 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Melrose BESS | CA | 66281 | 2 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Pala Gomez Creek BESS | CA | 66280 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 16609 | San Diego Gas & Electric Co | Electric Utility | Paradise Energy Storage | CA | 66265 | 1 | 10.0 | Batteries | MWH | BA |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Auburn Solar LLC (CSG) | OR | 66378 | PV1 | 2.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Gray Fox Solar LLC | NC | 66377 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Harding Solar, LLC | NC | 67053 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Sheridan Solar LLC (CSG) | OR | 66354 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Sunflower Solar LLC | SC | 67051 | PV1 | 10.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Washington Solar | NC | 60948 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64994 | SolRiver Capital LLC | IPP | Whitehall Solar LLC | SC | 67052 | PV1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 65426 | St. Gall Energy Storage I | IPP | St. Gall Energy Storage I | TX | 66336 | SGES1 | 100.0 | Batteries | MWH | BA |
| 2024 | 3 | 60531 | Standard Solar | IPP | Hall Property | MD | 67486 | HALLP | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 64995 | Victory Pass I, LLC | IPP | Victory Pass | CA | 65743 | VCTBA | 50.0 | Batteries | MWH | BA |
| 2024 | 3 | 64995 | Victory Pass I, LLC | IPP | Victory Pass | CA | 65743 | VCTPV | 200.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 3 | 65014 | Waco Solar, LLC | IPP | Waco Solar | TX | 65762 | SWACO | 400.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 64904 | AES Clean Energy | IPP | Chevelon Butte Phase 2 | AZ | 67176 | CHVB2 | 216.0 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 64904 | AES Clean Energy | IPP | Delta Wind Farm (MS) | MS | 66000 | DLTA | 184.5 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 64484 | ASA DeKalb NY Solar III LLC | IPP | ASA DeKalb NY Solar III LLC | NY | 65067 | DEK3 | 3.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 64516 | Azimuth 180 Solar Electric, LLC | IPP | Grinnell College | IA | 65164 | GRIN | 3.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 63784 | Azure Sky Wind Project, LLC | IPP | Azure Sky Wind Project, LLC Hybrid | TX | 64164 | ASWBE | 120.0 | Batteries | MWH | BA |
| 2024 | 4 | 65211 | Blackwater Solar, LLC | IPP | Blackwater Solar | GA | 66025 | GA-02 | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65591 | Cane Creek Solar, LLC | IPP | Cane Creek | MS | 66543 | PGRCC | 78.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 64307 | Castle Solar, LLC | IPP | Castle Solar, LLC | UT | 64740 | CS | 40.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65513 | Catalyze Mira Loma 3251 De Forest Circle Microgrid LLC | IPP | CA Jurupa Valley 3251 De Forest Circle | CA | 66476 | 18268 | 4.5 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 4254 | Consumers Energy Co - (MI) | IPP | Heartland Farms | MI | 66192 | 65014 | 200.0 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 61060 | Cypress Creek Renewables | IPP | Zier Solar | TX | 66137 | 11023 | 40.4 | Batteries | MWH | BA |
| 2024 | 4 | 61060 | Cypress Creek Renewables | IPP | Zier Solar | TX | 66137 | 41195 | 160.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65677 | Dimension Energy LLC | IPP | Augusta CSG, LLC | VA | 67529 | AUGUS | 2.9 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65677 | Dimension Energy LLC | IPP | Suffolk CSG, LLC | VA | 67531 | SUFFO | 3.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65677 | Dimension Energy LLC | IPP | Waynesboro Bridge Solar, LLC Community Solar | VA | 67530 | WAYNE | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65660 | Enchanted Rock | IPP | ERock MID Claribel Generation Station | CA | 67380 | MID | 48.0 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 4 | 64458 | Enfield Solar One, LLC | IPP | Enfield Solar One | CT | 65047 | VCP07 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 66147 | FFP NY Goshen Project1, LLC | IPP | FFP - NY Urbanski | NY | 67281 | 5653 | 4.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 66148 | FFP NY Goshen Project2, LLC | IPP | FFP - NY Varano | NY | 67282 | 5654 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65226 | FGE Goodnight I, LLC | IPP | Goodnight | TX | 59246 | GOOD1 | 265.5 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 62856 | Forefront Power, LLC | IPP | CA-DGS-California Correctional Inst | CA | 65105 | 15111 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 66049 | Foxhound Solar, LLC | IPP | Foxhound | VA | 67171 | F2024 | 83.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 7140 | Georgia Power Co | Electric Utility | Vogtle | GA | 649 | 4 | 1,114.0 | Nuclear | NUC | ST |
| 2024 | 4 | 65076 | HEN Infrastructure, L.L.C. | IPP | Farmersville (TX) | TX | 65812 | FRMVL | 9.9 | Batteries | MWH | BA |
| 2024 | 4 | 65783 | Hayhurst Texas Solar | IPP | Hayhurst Texas Solar | TX | 66880 | HHTX | 24.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 6 | PA | 65081 | PACT6 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 8 | PA | 65082 | PACT8 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 12303 | Merck & Co Inc-West Point | Industrial | West Point (PA) | PA | 52149 | GEN19 | 1.0 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 4 | 65344 | Misenheimer Solar LLC | IPP | Misenheimer Solar LLC | NC | 66237 | GEN01 | 74.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 61227 | Nautilus Solar Solutions | IPP | Lion One | MD | 67392 | SC | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 61227 | Nautilus Solar Solutions | IPP | Parker Place | MD | 67439 | SC | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 61227 | Nautilus Solar Solutions | IPP | Pivot Solar 10 | CO | 67446 | SC | 1.7 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 61227 | Nautilus Solar Solutions | IPP | Pivot Solar 9 | CO | 67441 | SC | 1.7 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 61227 | Nautilus Solar Solutions | IPP | Ten Oaks | MD | 67334 | SC | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 49896 | Nevada Gold Energy, LLC | IPP | TS Power Plant | NV | 56224 | SOL1 | 100.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65394 | Proxima Solar, LLC | IPP | Proxima | CA | 66270 | PRXBS | 162.0 | Batteries | MWH | BA |
| 2024 | 4 | 64177 | Ranchland Wind Project I, LLC | IPP | Ranchland Wind Project I | TX | 64551 | WT2 | 114.9 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 64178 | Ranchland Wind Project II, LLC | IPP | Ranchland Wind Project II | TX | 64544 | WT2 | 148.0 | Onshore Wind Turbine | WND | WT |
| 2024 | 4 | 64179 | Ranchland Wind Storage, LLC | IPP | Ranchland Wind Storage | TX | 64545 | BA | 73.0 | Batteries | MWH | BA |
| 2024 | 4 | 65781 | Sky Ranch Solar and Storage | IPP | Sky Ranch Solar | NM | 66814 | SKYBA | 50.0 | Batteries | MWH | BA |
| 2024 | 4 | 65781 | Sky Ranch Solar and Storage | IPP | Sky Ranch Solar | NM | 66814 | SKYPV | 190.0 | Solar Photovoltaic | SUN | PV |

## Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 4 | 17650 | Southern Power Co | IPP | South Cheyenne Solar | WY | 67147 | SCHY | 150.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 63515 | Sparta Solar, LLC | IPP | Sparta Solar | TX | 63840 | 1111 | 250.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 4 | 65625 | Sunlight Storage II | IPP | Sunlight Storage II | CA | 66575 | SUNS2 | 230.0 | Batteries | MWH | BA |
| 2024 | 4 | 61862 | Thomas Solar | IPP | Thomas Solar | SC | 62352 | 81 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64904 | AES Clean Energy | IPP | Raceway Solar & Storage | CA | 66773 | RCWYB | 80.0 | Batteries | MWH | BA |
| 2024 | 5 | 64904 | AES Clean Energy | IPP | Raceway Solar & Storage | CA | 66773 | RCWYS | 125.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 61012 | AES Distributed Energy | IPP | AES Maui Kuihelani Solar Hybrid | HI | 64256 | KLNIB | 60.0 | Batteries | MWH | BA |
| 2024 | 5 | 61012 | AES Distributed Energy | IPP | AES Maui Kuihelani Solar Hybrid | HI | 64256 | KULNI | 60.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 61012 | AES Distributed Energy | IPP | Platteview Solar LLC | NE | 65334 | PLTVW | 81.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64530 | ASA Gouverneur NY Solar II LLC | IPP | ASA Gouverneur NY Solar II LLC | NY | 65158 | GOV2 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65271 | Blue Elk II Solar, LLC | IPP | Blue Elk II Solar, LLC | MI | 66105 | BEII | 20.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65937 | CPV Stagecoach Solar, LLC | IPP | CPV Stagecoach Solar | GA | 67021 | SC1 | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 66065 | CTMW Solar, LLC | IPP | CTMW Solar, LLC | CA | 67365 | 17180 | 1.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 66219 | Cavalry Energy Center LLC | Electric Utility | Cavalry Solar Hybrid | IN | 67489 | CAVBS | 45.0 | Batteries | MWH | BA |
| 2024 | 5 | 66219 | Cavalry Energy Center LLC | Electric Utility | Cavalry Solar Hybrid | IN | 67489 | CAVPV | 200.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65397 | Condor Energy Storage LLC | IPP | Condor Energy Storage LLC | CA | 66285 | COND1 | 200.0 | Batteries | MWH | BA |
| 2024 | 5 | 65315 | Crooked Lake Solar, LLC | IPP | Crooked Lake Solar, LLC | AR | 66185 | GEN1 | 175.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65793 | DG Empire Lumen 2023, LLC | IPP | NY Sorrell Hill II CSG | NY | 66856 | NGSH2 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65677 | Dimension Energy LLC | IPP | Fairfield Lee Solar, LLC Community Solar | VA | 67532 | FAIRF | 5.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65411 | Duke Energy Renewables Services | IPP | Wildflower Solar, LLC (MS) | MS | 66369 | WDFL | 100.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65018 | East Point Energy Center, LLC | IPP | East Point Energy Center, LLC | NY | 65805 | EP01 | 50.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64306 | Elektron Solar, LLC | IPP | Elektron Solar, LLC | UT | 64739 | ELKS | 80.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65660 | Enchanted Rock | IPP | Enchanted Rock Turlock Irrigation District | CA | 66680 | UNIT1 | 11.7 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 5 | 65660 | Enchanted Rock | IPP | Enchanted Rock Turlock Irrigation District | CA | 66680 | UNIT2 | 11.7 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 5 | 65660 | Enchanted Rock | IPP | Enchanted Rock Turlock Irrigation District | CA | 66680 | UNIT3 | 11.7 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 5 | 65660 | Enchanted Rock | IPP | Enchanted Rock Turlock Irrigation District | CA | 66680 | UNIT4 | 11.7 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 5 | 66147 | FFP NY Goshen Project1, LLC | IPP | FFP - NY Urbanski | NY | 67281 | 5653B | 5.2 | Batteries | MWH | BA |
| 2024 | 5 | 66148 | FFP NY Goshen Project2, LLC | IPP | FFP - NY Varano | NY | 67282 | 5654B | 5.0 | Batteries | MWH | BA |
| 2024 | 5 | 66071 | Franklin Solar Idaho | IPP | Franklin Solar Hybrid | ID | 67190 | FRKLN | 100.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 63841 | Hadley 3 Solar, LLC (North) | IPP | Hadley 3 Solar (North) | MA | 64231 | 09170 | 1.0 | Batteries | MWH | BA |
| 2024 | 5 | 62153 | Hecate Energy Highland LLC | IPP | Hecate Energy Highland LLC | OH | 62670 | HIGHL | 300.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 63638 | Horseshoe Solar, LLC | IPP | Horseshoe Solar, LLC | UT | 63984 | HSS | 75.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 9417 | Interstate Power and Light Co | Electric Utility | Fareway Customer Hosted 1 MW Solar | IA | 67096 | PV1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 9417 | Interstate Power and Light Co | Electric Utility | ISU Customer Hosted 1MW Solar Project | IA | 67098 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65006 | Linkville Solar, LLC | IPP | Linkville Solar (CSG) | OR | 65749 | LS22 | 2.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Love Lane Solar | NJ | 65486 | LOVLN | 1.8 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 13407 | Nevada Power Co | Electric Utility | Dry Lake Solar Energy Center | NV | 63933 | DLES1 | 100.0 | Batteries | MWH | BA |
| 2024 | 5 | 13407 | Nevada Power Co | Electric Utility | Dry Lake Solar Energy Center | NV | 63933 | DLPV1 | 150.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65796 | North Fork Solar Project, LLC | IPP | North Fork Solar Project | OK | 66866 | NFORK | 120.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64582 | OE_MS6 | IPP | OE_MS6 | MS | 65291 | MS6_S | 50.0 | Batteries | MWH | BA |
| 2024 | 5 | 64582 | OE_MS6 | IPP | OE_MS6 | MS | 65291 | OEMS6 | 150.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64743 | PPM Solar LLC | IPP | Fredonia Solar (KS) | KS | 66570 | FS1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64743 | PPM Solar LLC | IPP | Highpeak Solar 1 | TX | 66572 | HPKS1 | 10.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 16534 | Sacramento Municipal Util Dist | Electric Utility | Solano Wind | CA | 7526 | 4 | 85.5 | Onshore Wind Turbine | WND | WT |
| 2024 | 5 | 65418 | Sierra Estrella Energy Storage, LLC | IPP | Sierra Estrella Energy Storage | AZ | 66334 | BESS3 | 250.0 | Batteries | MWH | BA |
| 2024 | 5 | 66268 | Solar DG IL 5, LLC | IPP | Bourbonnais | IL | 67569 | PV1 | 1.7 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 66050 | Solar Star Prime 4 LLC | IPP | Amazon SAN3 Solar Project | CA | 67170 | ASBA | 2.4 | Batteries | MWH | BA |
| 2024 | 5 | 66050 | Solar Star Prime 4 LLC | IPP | Amazon SAN3 Solar Project | CA | 67170 | ASSP | 4.6 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 56826 | Texas Medical Center Central | Commercial | TECO CHP-1 | TX | 57504 | GTG2 | 50.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 5 | 65123 | Tres Bahias Solar Power, LLC | IPP | Tres Bahias | TX | 65947 | TB | 196.3 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 19499 | United Power, Inc | Electric Utility | Keenesburg Battery Storage | CO | 67306 | KEEBA | 11.8 | Batteries | MWH | BA |
| 2024 | 5 | 19499 | United Power, Inc | Electric Utility | Mead Battery Storage | CO | 67303 | MEABA | 7.8 | Batteries | MWH | BA |
| 2024 | 5 | 19499 | United Power, Inc | Electric Utility | Parkway Battery Storage | CO | 67301 | PKWBA | 7.8 | Batteries | MWH | BA |
| 2024 | 5 | 19499 | United Power, Inc | Electric Utility | Rattlesnake Ridge Battery Storage | CO | 67300 | RATBA | 11.8 | Batteries | MWH | BA |
| 2024 | 5 | 65173 | United States Solar Corporation | IPP | Spring Prairie Solar LLC CSG | MN | 66972 | SPRPR | 1.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65173 | United States Solar Corporation | IPP | USS Fruita Solar LLC CSG | CO | 66432 | USGBS | 2.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 64966 | Vikings Energy Farm, LLC | IPP | Vikings Energy Farm | CA | 65711 | GEN2 | 150.0 | Batteries | MWH | BA |
| 2024 | 5 | 20856 | Wisconsin Power & Light Co | Electric Utility | Grant County | WI | 65007 | PV1 | 200.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65968 | Yellow Pine Solar II, LLC | IPP | Yellow Pine II | NV | 67091 | YP2AB | 53.0 | Batteries | MWH | BA |
| 2024 | 5 | 65968 | Yellow Pine Solar II, LLC | IPP | Yellow Pine II | NV | 67091 | YP2AP | 60.0 | Solar Photovoltaic | SUN | PV |
| 2024 | 5 | 65968 | Yellow Pine Solar II, LLC | IPP | Yellow Pine II | NV | 67091 | YP2BB | 32.0 | Batteries | MWH | BA |

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

## Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 1 | 3477 | City of Chicopee - (MA) | Electric Utility | Chicopee Hydroelectric Station | MA | 50832 | 1 | 1.2 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 3477 | City of Chicopee - (MA) | Electric Utility | Chicopee Hydroelectric Station | MA | 50832 | 2 | 1.2 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 57033 | City of Palo Alto | Electric Utility | City of Palo Alto | CA | 57714 | GEN1 | 1.1 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 1 | 57033 | City of Palo Alto | Electric Utility | City of Palo Alto | CA | 57714 | GEN2 | 1.1 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 1 | 57033 | City of Palo Alto | Electric Utility | City of Palo Alto | CA | 57714 | GEN3 | 1.1 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 1 | 57033 | City of Palo Alto | Electric Utility | City of Palo Alto | CA | 57714 | GEN4 | 1.1 | Natural Gas Internal Combustion Engine | NG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E1 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E10 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E11 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E12 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E13 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E14 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E15 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E16 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E17 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E18 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E19 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E2 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E20 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E21 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E22 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E23 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E24 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E25 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E26 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E27 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E28 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E29 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E3 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E30 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E4 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E5 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E6 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E7 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E8 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 59452 | Ingenco Renewable Development, LLC | IPP | Wake County LFG Facility | NC | 59688 | E9 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 1 | 58183 | J.R. Simplot Company | Industrial | J.R. Simplot Company | CA | 58216 | 1 | 3.2 | All Other | WH | ST |
| 2024 | 1 | 14354 | PacifiCorp | Electric Utility | Copco 1 | CA | 294 | 1 | 14.0 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 14354 | PacifiCorp | Electric Utility | Copco 1 | CA | 294 | 2 | 14.0 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 14354 | PacifiCorp | Electric Utility | Iron Gate | CA | 297 | 1 | 18.8 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 14354 | PacifiCorp | Electric Utility | John C Boyle | OR | 3028 | 1 | 50.4 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 14354 | PacifiCorp | Electric Utility | John C Boyle | OR | 3028 | 2 | 47.6 | Conventional Hydroelectric | WAT | HY |
| 2024 | 1 | 21554 | Seminole Electric Cooperative Inc | Electric Utility | Seminole (FL) | FL | 136 | 1 | 626.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 1 | 2144 | Town of Braintree - (MA) | Electric Utility | Potter Station 2 | MA | 1660 | CC2 | 62.6 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 1 | 2144 | Town of Braintree - (MA) | Electric Utility | Potter Station 2 | MA | 1660 | CC3 | 15.5 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 3 | 13143 | Board of Water Electric & Communications | Electric Utility | Muscatine Plant #1 | IA | 1167 | 8A | 14.5 | Conventional Steam Coal | SUB | ST |
| 2024 | 3 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 7 | 0.6 | Petroleum Liquids | DFO | IC |
| 2024 | 3 | 17828 | City of Springfield - (IL) | Electric Utility | Dallman | IL | 963 | 3 | 159.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT05 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT06 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT07 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT08 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT09 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT10 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT11 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 6035 | Constellation Power, Inc | IPP | Southeast Chicago Energy Project | IL | 55281 | GT12 | 37.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 3 | 11241 | Entergy Louisiana LLC | Electric Utility | Waterford 1 & 2 | LA | 8056 | 1 | 409.5 | Natural Gas Steam Turbine | NG | ST |
| 2024 | 3 | 57281 | University of Cincinnati | Commercial | East Campus Utility Plant | OH | 57929 | STG | 1.2 | Natural Gas Steam Turbine | NG | ST |
| 2024 | 4 | 3249 | Central Hudson Gas & Elec Corp | Electric Utility | South Cairo | NY | 2485 | GT1 | 0.0 | Petroleum Liquids | KER | GT |
| 2024 | 4 | 59774 | Crawfordsville Energy LLC | IPP | Crawfordsville Power Plant | IN | 1024 | D1 | 0.9 | Petroleum Liquids | DFO | IC |
| 2024 | 4 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN1 | 57.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 4 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN5 | 52.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 4 | 58615 | NRG Homer City Services LLC | IPP | Homer City Generating Station | PA | 3122 | 1 | 626.1 | Conventional Steam Coal | BIT | ST |
| 2024 | 4 | 17609 | Southern California Edison Co | Electric Utility | DESI-1 Battery Energy Storage Facility | CA | 60699 | DESI1 | 2.4 | Batteries | MWH | BA |
| 2024 | 5 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Bethel | AK | 6566 | 6 | 2.1 | Petroleum Liquids | DFO | IC |

## Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 5 | 7443 | City of Graettinger - (IA) | Electric Utility | Graettinger | IA | 1142 | 4 | 0.5 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 1 | 0.9 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 2 | 0.6 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 4 | 1.2 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 5 | 1.3 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 6 | 1.2 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 1 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 10 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 11 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 12 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 13 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 14 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 15 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 16 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 17 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 18 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 19 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 2 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 20 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 21 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 22 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 23 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 24 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 25 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 26 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 27 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 28 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 29 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 3 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 30 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 31 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 32 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 33 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 34 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 35 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 36 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 4 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 5 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 6 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 7 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 8 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 55938 | Industrial Power Generating Company LLC | IPP | Virginia Beach | VA | 56693 | 9 | 0.3 | Landfill Gas | LFG | IC |
| 2024 | 5 | 29297 | Pelican Utility | Electric Utility | Pelican | AK | 6702 | IC8 | 0.2 | Petroleum Liquids | DFO | IC |
| 2024 | 5 | 17697 | Southwestern Electric Coop Inc - (IL) | Electric Utility | Freedom Power Project | IL | 7842 | CT1 | 0.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 5 | 20847 | Wisconsin Electric Power Co | Electric Utility | South Oak Creek | WI | 4041 | 5 | 242.2 | Conventional Steam Coal | RC | ST |
| 2024 | 5 | 20847 | Wisconsin Electric Power Co | Electric Utility | South Oak Creek | WI | 4041 | 6 | 253.8 | Conventional Steam Coal | RC | ST |

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 6 | 63830 | 7V Solar Ranch, LLC | IPP | 7V Solar Ranch | TX | 64239 | 7V1 | 240.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 240.0 |
| 2024 | 6 | 64904 | AES Clean Energy | IPP | Big Spring Solar | MD | 66868 | BIGSP | 2.1 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 6 | 64904 | AES Clean Energy | IPP | Cannonball Solar | MD | 66867 | CBALL | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 6 | 64904 | AES Clean Energy | IPP | Cavalier Solar | VA | 67420 | CAVPV | 155.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 155.6 |
| 2024 | 6 | 64532 | ASA Clayton NY Solar I LLC | IPP | ASA Clayton NY Solar I LLC | NY | 65161 | CLA1 | 1.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.3 |
| 2024 | 6 | 64529 | ASA Gouverneur NY Solar I LLC | IPP | ASA Gouverneur NY Solar I LLC | NY | 65157 | GOV1 | 1.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.5 |
| 2024 | 6 | 64446 | ASD Cotuit MA Solar LLC | IPP | ASD Cotuit MA Solar LLC | MA | 65014 | COT1B | 2.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 61514 | Agilitas Energy, Inc. | IPP | AE-ESS NWS 1, LLC | NY | 65239 | NWS | 4.9 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 6 | 66143 | Alcosta Boulevard BR 15-DD Solar Project 2020, LLC | IPP | Bishop Ranch - BR 15-DD | CA | 67277 | 4657B | 0.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 0.5 |
| 2024 | 6 | 66143 | Alcosta Boulevard BR 15-DD Solar Project 2020, LLC | IPP | Bishop Ranch - BR 15-DD | CA | 67277 | 4657C | 0.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 0.4 |
| 2024 | 6 | 66143 | Alcosta Boulevard BR 15-DD Solar Project 2020, LLC | IPP | Bishop Ranch - BR 15-DD | CA | 67277 | 4657R | 0.2 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 0.2 |
| 2024 | 6 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Mifflinburg PA BTM | PA | 66452 | PB1 | 2.7 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 2.7 |
| 2024 | 6 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Mifflinburg PA BTM | PA | 66452 | PB2 | 2.7 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 2.7 |
| 2024 | 6 | 66110 | Anemoi Energy Storage, LLC | IPP | Anemoi Energy Storage | TX | 67236 | ANEM1 | 200.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 6 | 796 | Arizona Electric Pwr Coop Inc | Electric Utility | Apache Solar 1 | AZ | 60964 | AEPB1 | 10.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 10.0 |
| 2024 | 6 | 65928 | Atrisco Solar LLC | IPP | Atrisco Solar LLC | NM | 67003 | ATRPV | 300.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 300.0 |
| 2024 | 6 | 65280 | Babbitt Ranch Energy Center, LLC | IPP | Babbitt Ranch Energy Center | AZ | 66110 | BREC1 | 163.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 163.0 |
| 2024 | 6 | 65674 | Bear Canyon Energy Storage | IPP | Bear Canyon | CA | 66650 | BC1 | 13.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 13.0 |
| 2024 | 6 | 65654 | Birch Creek Development | IPP | Earp Solar, LLC | IL | 66631 | PV | 35.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 35.0 |
| 2024 | 6 | 64266 | Blue Jay Solar I, LLC | IPP | Blue Jay Solar I, LLC | TX | 64672 | BLUJS | 210.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 210.0 |
| 2024 | 6 | 65765 | Borden County Battery Energy Storage System LLC | IPP | Borden County BESS | TX | 66804 | 1 | 150.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 150.0 |
| 2024 | 6 | 65696 | Brazos Bend BESS, LLC | IPP | Brazos Bend BESS, LLC | TX | 66690 | BEND | 100.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 6 | 65643 | Cald BESS LLC | IPP | Cald BESS | CA | 66617 | 1 | 100.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 6 | 66208 | Camco International Group, Inc. | IPP | West Point RNG | ID | 67436 | WPRG | 3.2 | Other Waste Biomass | OBG | IC | (TS) Construction complete, but not yet in commercial operation | 3.2 |
| 2024 | 6 | 65564 | Catalyze Dallas 7750 Dynasty Drive Microgrid, LLC | IPP | TX Dallas 7750 Dynasty Drive | TX | 66516 | 19500 | 2.3 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.3 |
| 2024 | 6 | 65514 | Catalyze Manteca 730 Spreckels Avenue Microgrid LLC | IPP | CA Manteca 730 Spreckels Ave | CA | 66509 | 18259 | 1.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.5 |
| 2024 | 6 | 65514 | Catalyze Manteca 730 Spreckels Avenue Microgrid LLC | IPP | CA Manteca 730 Spreckels Ave | CA | 66509 | B8259 | 1.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 1.5 |
| 2024 | 6 | 66351 | Citadel BESS LLC | IPP | Citadel Battery Storage Plant | TX | 67738 | CITDL | 206.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 206.0 |
| 2024 | 6 | 4065 | City of Columbus - (OH) | Electric Utility | Jackson Pike WWTP Cogen Engines | OH | 67264 | 1 | 1.4 | Other Waste Biomass | OBG | IC | (V) Under construction, more than 50 percent complete | 1.4 |
| 2024 | 6 | 4065 | City of Columbus - (OH) | Electric Utility | Jackson Pike WWTP Cogen Engines | OH | 67264 | 2 | 1.4 | Other Waste Biomass | OBG | IC | (V) Under construction, more than 50 percent complete | 1.4 |
| 2024 | 6 | 17845 | City of Springville - (UT) | Electric Utility | Whitehead | UT | 7028 | K3CAT | 2.5 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 17845 | City of Springville - (UT) | Electric Utility | Whitehead | UT | 7028 | K4CAT | 2.5 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 17845 | City of Springville - (UT) | Electric Utility | Whitehead | UT | 7028 | K5CAT | 2.5 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 55934 | City of Stockton MUD | Commercial | Regional Wastewater Control Facility | CA | 56134 | 0601 | 3.0 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 6 | 65965 | Crow Creek Solar, LLC | IPP | Paulsell | CA | 67092 | PSLBA | 15.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 15.0 |
| 2024 | 6 | 65965 | Crow Creek Solar, LLC | IPP | Paulsell | CA | 67092 | PSLPV | 20.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 20.0 |
| 2024 | 6 | 65960 | DG Empire Sun, LLC | IPP | NY Avon I CSG | NY | 67045 | AVON1 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 6 | 65677 | Dimension Energy LLC | IPP | Tulare CSG LLC | CA | 66679 | TULAR | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | Bishop Ranch - BR 8-P | CA | 66800 | 4976 | 1.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.0 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | Bishop Ranch - BR 8-P | CA | 66800 | 4976B | 0.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 0.5 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | FFP - NY Burch | NY | 66827 | P5651 | 2.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | FFP - NY Game Farm | NY | 66828 | P5652 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | Harrah's Atlantic City - POI 1 (Meeting Center and Valet Garage) | NJ | 66830 | P5376 | 2.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.3 |
| 2024 | 6 | 64872 | Distributed Solar Development, LLC | IPP | Harrah's Atlantic City - POI 2 (Self Park Garage) | NJ | 66831 | P5614 | 1.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.8 |
| 2024 | 6 | 5248 | Dominion Energy Inc. | Electric Utility | Bookers Mill Solar | VA | 66314 | BMSO | 127.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 127.0 |
| 2024 | 6 | 3046 | Duke Energy Progress - (NC) | Electric Utility | Woodfin Solar | NC | 64882 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 6 | 66111 | Ebony Energy Storage, LLC | IPP | Ebony Energy Storage | TX | 67237 | EBON1 | 200.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 207.9 |
| 2024 | 6 | 65368 | Eleven Mile Solar Center, LLC | IPP | Eleven Mile Solar Center | AZ | 66263 | 1111 | 300.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 300.0 |
| 2024 | 6 | 65368 | Eleven Mile Solar Center, LLC | IPP | Eleven Mile Solar Center | AZ | 66263 | 2222 | 300.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 300.0 |
| 2024 | 6 | 65641 | EnLink Processing Services, LLC | Industrial | Eunice LA Plant | LA | 66615 | STG01 | 4.6 | Natural Gas Steam Turbine | NG | ST | (V) Under construction, more than 50 percent complete | 4.7 |
| 2024 | 6 | 65556 | EnerSmart Chula Vista Sub Station | IPP | EnerSmart Chula Vista Sub Station | CA | 66505 | CV150 | 3.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 3.0 |
| 2024 | 6 | 65556 | EnerSmart Chula Vista Sub Station | IPP | EnerSmart Chula Vista Sub Station | CA | 66505 | CV151 | 3.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 3.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Cascade Energy Storage, LLC | CA | 61801 | 10002 | 25.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 25.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Crockett | TX | 65488 | CROKT | 9.9 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 9.9 |
| 2024 | 6 | 56201 | Engie North America | IPP | Dickens | TX | 65489 | DIKNS | 200.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Hydra | TX | 65490 | HYDRA | 200.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Octans | TX | 65590 | OCTNS | 125.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 125.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Paleo | TX | 65491 | PALEO | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Pavo | TX | 65492 | PAVO | 175.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 175.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Sierra Energy Storage, LLC | CA | 61803 | 10003 | 10.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 10.0 |
| 2024 | 6 | 56201 | Engie North America | IPP | Tortolas | TX | 65493 | TORTO | 50.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2024 | 6 | 65774 | Fence Post Solar Project, LLC | IPP | Fence Post Solar Hybrid Project, LLC | TX | 66801 | FNCBE | 72.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 72.0 |
| 2024 | 6 | 65774 | Fence Post Solar Project, LLC | IPP | Fence Post Solar Hybrid Project, LLC | TX | 66801 | FNCPT | 236.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 236.0 |
| 2024 | 6 | 66071 | Franklin Solar Idaho | IPP | Franklin Solar Hybrid | ID | 67190 | FBESS | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 6 | 65720 | Fresno Community Solar Developers, LLC | IPP | Fresno Community Solar | CA | 66715 | FREPV | 10.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 10.0 |
| 2024 | 6 | 61194 | Generate Capital | IPP | Cedarville (IL) | IL | 67554 | 11069 | 2.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.0 |
| 2024 | 6 | 65218 | Glover Creek Solar, LLC | IPP | Glover Creek Solar, LLC | KY | 66047 | GLOVE | 55.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 55.0 |
| 2024 | 6 | 60025 | Greenbacker Renewable Energy Corporation | IPP | IGS OXR1 | CA | 66603 | 454 | 4.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.8 |
| 2024 | 6 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Oaks Landfill - ANEM | MD | 67180 | 882 | 2.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Oaks Landfill CS 1 | MD | 67508 | 883 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 6 | 66067 | Groton BESS 1 LLC | IPP | Groton BESS 1 | MA | 67185 | 90911 | 2.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 6 | 65076 | HEN Infrastructure, L.L.C. | IPP | Weil Tract BESS | TX | 66783 | WEILT | 9.9 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 9.9 |
| 2024 | 6 | 63837 | Hecate Energy Frye Solar LLC | IPP | Hecate Energy Frye Solar LLC | TX | 64233 | 80995 | 500.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 500.0 |
| 2024 | 6 | 65953 | Heimlich Solar Partners LLC | IPP | Heimlich Solar | DE | 67074 | METER | 4.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.5 |
| 2024 | 6 | 65952 | Henry Gibson Solar, LLC | IPP | Henry Gibson Solar | NC | 67029 | HGS | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 6 | 66145 | Highland Ave Solar 1, LLC | IPP | Borrego - Highland Ave | MA | 67279 | 6572 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 6 | 66145 | Highland Ave Solar 1, LLC | IPP | Borrego - Highland Ave | MA | 67279 | 6572B | 5.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 6 | 9191 | Idaho Power Co | Electric Utility | Black Mesa BESS | ID | 66326 | 1 | 40.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2024 | 6 | 9191 | Idaho Power Co | Electric Utility | Weiser BESS | ID | 66330 | 1 | 3.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Chaparral Springs | CA | 64864 | CHAPB | 52.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 52.0 |
| 2024 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Chaparral Springs | CA | 64864 | CHAPS | 102.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 102.0 |
| 2024 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Chaparral Springs | CA | 64864 | GEN01 | 72.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 72.0 |
| 2024 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Chaparral Springs | CA | 64864 | WS3BA | 36.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 36.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 6 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 1 | PA | 65076 | PACT1 | 20.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 6 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Honeysuckle Solar Farm | IN | 65936 | INHS1 | 150.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 150.0 |
| 2024 | 6 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Oxbow Solar 1 | LA | 65030 | LAVE1 | 300.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 300.0 |
| 2024 | 6 | 65785 | Luminace Sunbeam Development Holdings, LLC | IPP | ME Novel Lighthouse - Penobscot | ME | 66961 | PENOB | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 6 | 64925 | MA CS Dighton, LLC | IPP | MA-Dighton-A | MA | 65646 | MADIG | 3.8 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 3.8 |
| 2024 | 6 | 65956 | ME Sandy River LLC | IPP | 15 Glen Harris RD | ME | 67032 | 20261 | 3.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.6 |
| 2024 | 6 | 61944 | MN8 Energy LLC | IPP | Dynamic - Enfield Hammett Road | ME | 67016 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.9 |
| 2024 | 6 | 61944 | MN8 Energy LLC | IPP | Dynamic - Norridgewock Martin Stream | ME | 67012 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 4.9 |
| 2024 | 6 | 61944 | MN8 Energy LLC | IPP | WMATA - Cheverly Metro | MD | 65959 | GEN1 | 1.9 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.9 |
| 2024 | 6 | 12320 | Merck & Co Inc | Industrial | Elkton | VA | 52148 | GEN8 | 2.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 6 | 12303 | Merck & Co Inc-West Point | Industrial | West Point (PA) | PA | 52149 | GEN18 | 2.5 | Natural Gas Internal Combustion Engine | NG | IC | (TS) Construction complete, but not yet in commercial operation | 2.5 |
| 2024 | 6 | 66119 | Mesa Wind Repower | IPP | Mesa Wind Repower | CA | 67247 | MESA | 30.0 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 30.0 |
| 2024 | 6 | 12199 | Montana-Dakota Utilities Co | Electric Utility | R M Heskett | ND | 2790 | 4 | 88.0 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 88.0 |
| 2024 | 6 | 65592 | Moonshot Solar, LLC | IPP | Moonshot | MS | 66544 | PGRMS | 78.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 78.5 |
| 2024 | 6 | 62759 | National Grid Renewables | IPP | Fayette Solar | OH | 67166 | FYTSL | 45.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 45.0 |
| 2024 | 6 | 62759 | National Grid Renewables | IPP | Wild Springs | SD | 67018 | WLDSP | 128.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 128.0 |
| 2024 | 6 | 61227 | Nautilus Solar Solutions | IPP | Brewer | ME | 67499 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 6 | 61227 | Nautilus Solar Solutions | IPP | Peterboro | NY | 67440 | SC | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 6 | 63216 | North Valley | IPP | North Valley | NV | 63491 | NVSOL | 5.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.5 |
| 2024 | 6 | 65550 | Nova Power, LLC | IPP | Menifee Power Bank | CA | 66494 | NOVA1 | 230.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 230.0 |
| 2024 | 6 | 65816 | OE_ESCL | IPP | OE_ESCL | NM | 66888 | OESCL | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 6 | 63331 | Organic Energy Solutions, Inc. | Electric CHP | OES Biogas Power | CA | 63622 | OES01 | 1.3 | Other Waste Biomass | OBG | IC | (TS) Construction complete, but not yet in commercial operation | 1.3 |
| 2024 | 6 | 63331 | Organic Energy Solutions, Inc. | Electric CHP | OES Biogas Power | CA | 63622 | OES02 | 1.3 | Other Waste Biomass | OBG | IC | (TS) Construction complete, but not yet in commercial operation | 1.3 |
| 2024 | 6 | 34691 | Ormat Nevada Inc | IPP | Steamboat Hills LP | NV | 50654 | SBSL2 | 3.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.6 |
| 2024 | 6 | 66027 | Orsted Wind Power North America LLC | IPP | South Fork Wind | NY | 65561 | SFWND | 130.0 | Offshore Wind Turbine | WND | WS | (TS) Construction complete, but not yet in commercial operation | 130.0 |
| 2024 | 6 | 64743 | PPM Solar LLC | IPP | BKV Ponder Solar 1 | TX | 66571 | BKVP1 | 2.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-1 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 60.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-2 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 60.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-3 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 60.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-4 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 60.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-5 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 60.5 |
| 2024 | 6 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-6 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 60.5 |
| 2024 | 6 | 65394 | Proxima Solar, LLC | IPP | Proxima | CA | 66270 | PRXMA | 190.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 190.0 |
| 2024 | 6 | 65775 | RPCA Solar 1, LLC | IPP | Avenue 26 Solar | CA | 66809 | A26P1 | 2.6 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.6 |
| 2024 | 6 | 65775 | RPCA Solar 1, LLC | IPP | Avenue 26 Solar | CA | 66809 | A26P2 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 6 | 56215 | RWE Renewables Americas, LLC | IPP | Willowbrook Solar I, LLC | OH | 63877 | WBS | 150.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 150.0 |
| 2024 | 6 | 65951 | Randolf Solar Partners LLC | IPP | Randolf Solar | VA | 67028 | METER | 2.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.2 |
| 2024 | 6 | 65826 | Roadrunner Crossing Wind Farm, LLC | IPP | Roadrunner Wind Farm | TX | 66902 | 5317 | 256.0 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 256.0 |
| 2024 | 6 | 65958 | SL Sherman, LLC | IPP | NY SHERMAN 176 W MAIN ST - SL 1 | NY | 67034 | 21104 | 4.7 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 4.7 |
| 2024 | 6 | 65626 | San Juan Solar I, LLC | IPP | San Juan Solar I | NM | 66574 | SJSS | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 6 | 64740 | Santa Paula Energy Storage, LLC | IPP | Santa Paula Energy Storage LLC | CA | 65397 | SP1 | 30.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 30.0 |
| 2024 | 6 | 65954 | Small Mouth Bass Solar Partners LLC | IPP | Small Mouth Bass Solar | VA | 67072 | METER | 2.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 6 | 17609 | Southern California Edison Co | Electric Utility | Cadillac Battery Energy Storage Facility | CA | 63326 | CAD1 | 3.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 3.5 |
| 2024 | 6 | 17609 | Southern California Edison Co | Electric Utility | Yorktown Battery Energy Storage Facility | CA | 63325 | YORK1 | 3.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 6 | 60531 | Standard Solar | IPP | CUA West Campus - North | DC | 67709 | CUAWN | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 6 | 60531 | Standard Solar | IPP | CUA West Campus ? South | DC | 67707 | CUAWS | 2.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.8 |
| 2024 | 6 | 60531 | Standard Solar | IPP | EDF Saucon Valley | DC | 67708 | EDFSV | 2.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.6 |
| 2024 | 6 | 65380 | Steel Solar, LLC | IPP | Steel Solar LLC | UT | 66267 | SS8 | 80.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 80.0 |
| 2024 | 6 | 66151 | Sun Streams PVS, LLC | IPP | Sun Streams 3 | AZ | 67285 | GEN01 | 215.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 215.0 |
| 2024 | 6 | 66151 | Sun Streams PVS, LLC | IPP | Sun Streams 3 | AZ | 67285 | GEN02 | 215.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 215.0 |
| 2024 | 6 | 65419 | Superstition Energy Storage, LLC | IPP | Superstition Energy Storage | AZ | 66333 | BESS4 | 90.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 90.0 |
| 2024 | 6 | 66218 | TAI Huntsville Solar, LLC | IPP | TAI Huntsville Solar Hybrid | AL | 67488 | PV1 | 30.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 30.0 |
| 2024 | 6 | 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 |
| 2024 | 6 | 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 |
| 2024 | 6 | 66225 | TRITEC Americas | IPP | VS BC Pacific Gateway, LLC | CA | 66948 | VSPRC | 1.3 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.4 |
| 2024 | 6 | 57313 | Tesla Inc. | Industrial | Austin TX GigaFactory | TX | 65070 | B07 | 1.1 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.1 |
| 2024 | 6 | 57313 | Tesla Inc. | Industrial | Austin TX GigaFactory | TX | 65070 | C01 | 1.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.2 |
| 2024 | 6 | 65685 | Tumbleweed Energy Storage, LLC | IPP | Tumbleweed Energy Storage | CA | 66666 | TWES1 | 50.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 50.0 |
| 2024 | 6 | 19499 | United Power, Inc | Electric Utility | Bromley Battery Storage | CO | 67305 | BROBA | 11.8 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 11.8 |
| 2024 | 6 | 19499 | United Power, Inc | Electric Utility | Platte Valley Battery Storage | CO | 67307 | PLVBA | 7.8 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 7.8 |
| 2024 | 6 | 66229 | Walnut Bend Solar Station | Electric Utility | Walnut Bend Solar Station PV | AR | 67504 | WN1 | 100.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 6 | 65675 | West Ford Flat Energy Storage | IPP | West Ford Flat | CA | 66669 | WFF1 | 25.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 25.0 |
| 2024 | 6 | 65555 | West Tambo Clean Power II | IPP | West Tambo Clean Power II | CA | 66506 | WEST2 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 7 | 64904 | AES Clean Energy | IPP | Baldy Mesa 2_Silver Peak Hybrid | CA | 66885 | SPKBS | 25.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 25.0 |
| 2024 | 7 | 64904 | AES Clean Energy | IPP | Baldy Mesa 2_Silver Peak Hybrid | CA | 66885 | SPKPV | 50.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 7 | 64904 | AES Clean Energy | IPP | High Mesa CO | CO | 67323 | HMESS | 10.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 11.2 |
| 2024 | 7 | 64904 | AES Clean Energy | IPP | High Mesa CO | CO | 67323 | HMSCO | 10.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 11.2 |
| 2024 | 7 | 65600 | AP Sunray LLC | IPP | AP Sunray LLC | TX | 64258 | OCISR | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 7 | 64348 | ASD Three Rivers Road MA Solar LLC | IPP | Three Rivers Solar LLC | MA | 64844 | TRB | 1.4 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.4 |
| 2024 | 7 | 64348 | ASD Three Rivers Road MA Solar LLC | IPP | Three Rivers Solar LLC | MA | 64844 | TRS | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 7 | 57416 | Acciona Energy USA Global, LLC | IPP | AEUG Union Solar, LLC | OH | 64660 | AUS | 325.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 325.0 |
| 2024 | 7 | 57416 | Acciona Energy USA Global, LLC | IPP | Red Tailed Hawk Solar LLC | TX | 66157 | GEN1 | 350.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 350.0 |
| 2024 | 7 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Bethel | AK | 6566 | 7A | 0.3 | Petroleum Liquids | DFO | IC | (TS) Construction complete, but not yet in commercial operation | 0.3 |
| 2024 | 7 | 64516 | Azimuth 180 Solar Electric, LLC | IPP | DC Water | DC | 67583 | DCWAT | 1.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.3 |
| 2024 | 7 | 65654 | Birch Creek Development | IPP | Altona Solar, LLC | MO | 66628 | PV | 30.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2024 | 7 | 65270 | Blue Elk I Solar, LLC | IPP | Blue Elk I Solar, LLC | MI | 66107 | BEI | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2024 | 7 | 63235 | Brookfield Renewable Trading and Marketing LP | IPP | AM Wind Repower LLC | CA | 66167 | 63235 | 27.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 27.0 |
| 2024 | 7 | 65361 | CT Cutlass II Solar LLC | IPP | Rowland Solar II | TX | 66262 | SAREN | 200.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 202.8 |
| 2024 | 7 | 65428 | Callisto I Energy Center | IPP | Callisto I Energy Center | TX | 66338 | CALL1 | 100.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 101.6 |
| 2024 | 7 | 66174 | Carvers Creek, LLC | IPP | Carvers Creek Solar | VA | 67342 | CARV | 54.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 54.9 |
| 2024 | 7 | 65565 | Catalyze Houston Express Lane Microgrid, LLC | IPP | TX Houston 7080 Express Lane | TX | 66517 | 19344 | 1.9 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.9 |
| 2024 | 7 | 65308 | Cattlemen Solar Park LLC | IPP | Cattlemen Solar Park | TX | 66168 | GEN01 | 240.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 240.0 |
| 2024 | 7 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 7 | 3.0 | Petroleum Liquids | DFO | IC | (TS) Construction complete, but not yet in commercial operation | 3.0 |
| 2024 | 7 | 13948 | City of Oberlin - (KS) | Electric Utility | Oberlin (KS) | KS | 1312 | 8 | 3.0 | Petroleum Liquids | DFO | IC | (TS) Construction complete, but not yet in commercial operation | 3.0 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 7 | 20141 | City of Washington - (KS) | Electric Utility | Washington | KS | 1329 | 10 | 2.0 | Natural Gas Internal Combustion Engine | NG | IC | (TS) Construction complete, but not yet in commercial operation | 2.1 |
| 2024 | 7 | 20141 | City of Washington - (KS) | Electric Utility | Washington | KS | 1329 | 9 | 2.0 | Natural Gas Internal Combustion Engine | NG | IC | (TS) Construction complete, but not yet in commercial operation | 2.1 |
| 2024 | 7 | 65780 | Clearwater Wind III, LLC | IPP | Clearwater Wind III | MT | 66811 | CW3 | 100.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 7 | 65832 | Cottonwood Bayou Solar, LLC | IPP | Cottonwood Bayou Solar | TX | 66915 | CTW | 350.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 350.0 |
| 2024 | 7 | 66285 | DSI Don Solar LLC | IPP | DSI Don Solar | MN | 67588 | DSID | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 7 | 65831 | Danish Fields Solar, LLC | IPP | Danish Fields Solar, LLC | TX | 66914 | DAN | 600.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 600.0 |
| 2024 | 7 | 65833 | Danish Fields Storage, LLC | IPP | Danish Fields Storage | TX | 66916 | DANST | 150.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 150.0 |
| 2024 | 7 | 58468 | Dominion Renewable Energy | Electric Utility | Quillwort Solar | VA | 65318 | POWI | 18.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 18.0 |
| 2024 | 7 | 58970 | Ecoplexus, Inc | IPP | Camp San Luis Obispo | CA | 63870 | CPSLO | 1.2 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.2 |
| 2024 | 7 | 65011 | El Sauz Ranch Wind, LLC | IPP | El Sauz Ranch Wind, LLC | TX | 65760 | ELSAU | 301.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 301.0 |
| 2024 | 7 | 65806 | Elk Street Solar LLC | IPP | Elk Street Solar | NY | 66886 | ES | 2.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.4 |
| 2024 | 7 | 65660 | Enchanted Rock | IPP | Enchanted Rock Lodi | CA | 66638 | LODI | 48.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 48.0 |
| 2024 | 7 | 63081 | Exus North America Management Partners LLC | IPP | Bearkat II Wind Energy LLC | TX | 63342 | BKII | 162.1 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 162.1 |
| 2024 | 7 | 65502 | Five Wells Solar Center, LLC | IPP | Five Wells Solar Center - Hybrid | TX | 66420 | FWBAT | 259.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 262.5 |
| 2024 | 7 | 65827 | Fork in the Road Solar LLC | IPP | Fork in the Road Solar | NY | 66909 | FIR | 1.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.4 |
| 2024 | 7 | 66282 | Frankfort Solar Farm LLC | IPP | Ny Frankfort Bleecker St - Frankfort -NG | NY | 67585 | 21015 | 4.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.0 |
| 2024 | 7 | 61194 | Generate Capital | IPP | Dakota Solar 1, LLC | IL | 67614 | 11113 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 7 | 7140 | Georgia Power Co | Electric Utility | Mossy Branch Battery Facility | GA | 65018 | BESS | 65.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 65.0 |
| 2024 | 7 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Hecate Energy Albany 2 LLC | NY | 66126 | 292 | 20.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 7 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Holtville | CA | 67695 | 823 | 30.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2024 | 7 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Kosa | NY | 66735 | 783 | 1.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.5 |
| 2024 | 7 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Mahany | NY | 66750 | 782 | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 7 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Smithfield 1 | UT | 66144 | 523 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 7 | 66033 | Groton BESS 2 LLC | IPP | Groton BESS 2 | MA | 67162 | 90910 | 2.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 7 | 65076 | HEN Infrastructure, L.L.C. | IPP | Mainland | TX | 67494 | MLNDB | 9.9 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 9.9 |
| 2024 | 7 | 65650 | Harvest Gold Solar Power, LLC | IPP | Harvest Gold Solar | MS | 66623 | HGS | 99.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 99.0 |
| 2024 | 7 | 66068 | Holden BESS 1 LLC | IPP | Holden BESS 1 | MA | 67186 | 90913 | 5.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 7 | 9191 | Idaho Power Co | Electric Utility | Elmore BESS | ID | 66327 | 1 | 4.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 7 | 9191 | Idaho Power Co | Electric Utility | Filer BESS | ID | 66328 | 1 | 2.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 7 | 9191 | Idaho Power Co | Electric Utility | Franklin Battery Storage | ID | 67183 | FRBS | 60.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 60.0 |
| 2024 | 7 | 9191 | Idaho Power Co | Electric Utility | Hemmingway BESS | ID | 66325 | 1 | 80.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2024 | 7 | 9191 | Idaho Power Co | Electric Utility | Melba BESS | ID | 66329 | 1 | 2.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 7 | 9417 | Interstate Power and Light Co | Electric Utility | Hy-Vee Customer Hosted 2.25MW Solar | IA | 67097 | PV1 | 2.3 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.3 |
| 2024 | 7 | 9417 | Interstate Power and Light Co | Electric Utility | Perry Customer Hosted 1MW Solar Project | IA | 67099 | PV1 | 1.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.0 |
| 2024 | 7 | 49805 | Kennecott Utah Copper | Industrial | Copperton Solar Plant No. 1 | UT | 64427 | CSP1 | 2.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 7 | 50123 | Leeward Asset Management, LLC | IPP | White Wing Solar | AZ | 60572 | GEN01 | 175.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 175.0 |
| 2024 | 7 | 65874 | Liberty County Solar Project, LLC | IPP | Liberty County Solar Project | TX | 67159 | LIBCO | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 109.9 |
| 2024 | 7 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Cottontail Solar 4 | PA | 65079 | PACT4 | 20.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 7 | 65984 | Longbow BESS, LLC | IPP | Longbow BESS, LLC | TX | 67083 | LBBES | 174.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 174.0 |
| 2024 | 7 | 61944 | MN8 Energy LLC | IPP | Dynamic - Wales Leeds Junction Road | ME | 67011 | GEN1 | 4.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.5 |
| 2024 | 7 | 11806 | Massachusetts Mun Wholes Electric Co | Electric Utility | MMWEC Simple Cycle Gas Turbine | MA | 63559 | GT1 | 57.0 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 65.0 |
| 2024 | 7 | 65830 | Myrtle Storage, LLC | IPP | Myrtle Storage | TX | 66913 | MYRST | 150.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 150.0 |
| 2024 | 7 | 65770 | NY USLE Copenhagen CR194 LLC | IPP | Copenhagen Solar | NY | 66817 | COPE | 4.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.3 |
| 2024 | 7 | 62759 | National Grid Renewables | IPP | Copperhead Solar, LLC | TX | 67019 | CHSLR | 150.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 150.0 |
| 2024 | 7 | 62759 | National Grid Renewables | IPP | Copperhead Solar, LLC | TX | 67019 | CHSTG | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 7 | 61227 | Nautilus Solar Solutions | IPP | Beech Road | MD | 67405 | SC | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 7 | 61227 | Nautilus Solar Solutions | IPP | Comfort | NY | 67406 | SC | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 7 | 13407 | Nevada Power Co | Electric Utility | Silverhawk | NV | 55841 | CT3 | 222.6 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 210.1 |
| 2024 | 7 | 13407 | Nevada Power Co | Electric Utility | Silverhawk | NV | 55841 | CT4 | 222.6 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 210.1 |
| 2024 | 7 | 13491 | New York University | Commercial | New York University Central Plant | NY | 54808 | DE1 | 2.5 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2024 | 7 | 13683 | North Carolina El Member Corp | Electric Utility | Davistown-Mercer | NC | 67036 | BAT1 | 2.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 2.5 |
| 2024 | 7 | 13683 | North Carolina El Member Corp | Electric Utility | Double Creek | NC | 67043 | BAT1 | 5.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 7 | 13683 | North Carolina El Member Corp | Electric Utility | Medoc | NC | 67037 | BAT1 | 2.5 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 2.5 |
| 2024 | 7 | 65550 | Nova Power, LLC | IPP | Menifee Power Bank | CA | 66494 | NOVA2 | 230.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 230.0 |
| 2024 | 7 | 66029 | Novel Froehle Solar HQ LLC | IPP | Novel Froehle Solar LLC | MN | 64728 | FROLE | 1.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.0 |
| 2024 | 7 | 66030 | Novel Milbradt Solar HQ LLC | IPP | Novel Milbradt Solar LLC | MN | 64729 | MLBRT | 1.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.0 |
| 2024 | 7 | 59967 | Phoenix Energy | IPP | North Fork Community Power | CA | 60192 | NFCP1 | 1.3 | Other Waste Biomass | OBG | IC | (V) Under construction, more than 50 percent complete | 1.7 |
| 2024 | 7 | 59967 | Phoenix Energy | IPP | North Fork Community Power | CA | 60192 | NFCP2 | 1.3 | Other Waste Biomass | OBG | IC | (V) Under construction, more than 50 percent complete | 1.7 |
| 2024 | 7 | 65099 | Porter Solar, LLC | IPP | Porter Solar, LLC (TX) | TX | 65937 | PORTR | 245.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 245.0 |
| 2024 | 7 | 65648 | Prairie Mist Solar Project, LLC | IPP | Prairie Mist Solar | AR | 66625 | 78661 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 109.2 |
| 2024 | 7 | 65857 | Prescott Wind Energy LLC | IPP | Prescott Wind Farm | IA | 66952 | PWE | 56.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 56.0 |
| 2024 | 7 | 65935 | Preston Garden LLC | IPP | Preston Garden | MN | 67009 | PRSTN | 1.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.0 |
| 2024 | 7 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-7 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 60.5 |
| 2024 | 7 | 63082 | ProEnergy Services | IPP | Remy Jade Power Station | TX | 66604 | CTG-8 | 44.5 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 60.5 |
| 2024 | 7 | 66212 | RA Jones | IPP | RA Jones Roof Mounted Solar System | KY | 67473 | RAJPV | 1.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.3 |
| 2024 | 7 | 66335 | REV Renewables LLC | IPP | Capon Bridge Solar LLC | WV | 67694 | CPS01 | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2024 | 7 | 66194 | RPNY Solar 4, LLC | IPP | Clemons Road Solar | NY | 67407 | CLEM | 2.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.8 |
| 2024 | 7 | 66195 | RPNY Solar 6, LLC | IPP | Pike Road Solar (NY) | NY | 67408 | PIKE | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 7 | 66196 | RPNY Solar 7, LLC | IPP | Alexander Road Solar | NY | 67409 | ALEX | 1.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.6 |
| 2024 | 7 | 56215 | RWE Renewables Americas, LLC | IPP | Big Star Solar, LLC (Hybrid) | TX | 64202 | BGSTB | 80.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 80.0 |
| 2024 | 7 | 56215 | RWE Renewables Americas, LLC | IPP | Big Star Solar, LLC (Hybrid) | TX | 64202 | BGSTS | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 7 | 66003 | Reactivate | IPP | Gooseberry Solar, LLC | IL | 67106 | GEN1 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 7 | 66003 | Reactivate | IPP | North Cottage Grove Solar 1, LLC | IL | 67115 | GEN1 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 7 | 66003 | Reactivate | IPP | SSC Oswego II LLC | NY | 67113 | GEN1 | 4.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.8 |
| 2024 | 7 | 66003 | Reactivate | IPP | Torrence Ave Solar 1 LLC | IL | 67114 | GEN1 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 7 | 65934 | River Fork Solar, LLC | IPP | River Fork Solar, LLC | MI | 67008 | RFSLR | 149.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 149.0 |
| 2024 | 7 | 64673 | Ross County Solar, LLC | IPP | Ross County Solar, LLC | OH | 65343 | ROSS | 120.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 120.0 |
| 2024 | 7 | 65087 | SMS DC CS01B, LLC | IPP | Gallaudet Uni Community Solar | DC | 65896 | GUCS1 | 2.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.6 |
| 2024 | 7 | 66284 | SV CSG Afton I, LLC | IPP | SV CSG AFTON I | MN | 67587 | SVA | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 7 | 60217 | San Bernardino Valley Mun. Water Dist. | Electric Utility | Waterman Turnout Hydroelectric | CA | 60466 | WTHF | 1.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 1.0 |
| 2024 | 7 | 16609 | San Diego Gas & Electric Co | Electric Utility | Santee BESS | CA | 67118 | 1 | 10.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 7 | 65626 | San Juan Solar I, LLC | IPP | San Juan Solar I | NM | 66574 | SANS | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 7 | 64994 | SolRiver Capital LLC | IPP | Elk Solar LLC | NC | 66345 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 7 | 66054 | Solar Star Bear Creek, LLC | Commercial | Bear Creek Solar (CA) | CA | 67169 | EBMUD | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 7 | 65955 | Solitude Solar Russell County Rd 21 Microgrid, LLC | IPP | NY Hermon 1040 County Rd 21 | NY | 67031 | 20144 | 2.2 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.2 |
| 2024 | 7 | 60531 | Standard Solar | IPP | Woodville Solar | RI | 64530 | 1 | 4.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.5 |
| 2024 | 7 | 60970 | SunShare Management | IPP | Dove Solar CSG | CO | 67361 | DOVES | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 7 | 66131 | Surbrook Solar, LLC | IPP | Surbrook Solar, LLC | MI | 67267 | SUR10 | 20.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 20.0 |
| 2024 | 7 | 65209 | TPE RI WA1, LLC | IPP | TPE RI WA1 Solar | RI | 66045 | 70825 | 3.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.5 |
| 2024 | 7 | 65208 | TPE RI WA2, LLC | IPP | TPE RI WA2 Solar | RI | 66044 | 70824 | 3.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.4 |
| 2024 | 7 | 61950 | Terra-Gen Operating Co-Solar | IPP | Lockhart ESS, LLC | CA | 66946 | LHESS | 45.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 45.0 |
| 2024 | 7 | 57313 | Tesla Inc. | Industrial | Austin TX GigaFactory | TX | 65070 | B05 | 1.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.2 |
| 2024 | 7 | 57313 | Tesla Inc. | Industrial | Tesla Reno GigaFactory | NV | 64098 | 3 | 1.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.0 |
| 2024 | 7 | 65863 | Three Corners Solar, LLC | IPP | Three Corners Solar | ME | 66955 | 18099 | 110.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 110.0 |
| 2024 | 7 | 59598 | Tooele Army Depot | IPP | Tooele Army Depot(CSG) | UT | 59817 | PV2 | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2024 | 7 | 65112 | TotalEnergies Distributed Generation, LLC | Commercial | Shasta College PH2 Solar Project | CA | 65940 | SCSP1 | 1.3 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.5 |
| 2024 | 7 | 65112 | TotalEnergies Distributed Generation, LLC | Commercial | Shasta College PH2 Solar Project | CA | 65940 | SCSPB | 0.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2024 | 7 | 65685 | Tumbleweed Energy Storage, LLC | IPP | Tumbleweed Energy Storage | CA | 66666 | TWES2 | 75.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 75.0 |
| 2024 | 7 | 19499 | United Power, Inc | Electric Utility | Davis Battery Storage | CO | 67304 | DAVBA | 11.8 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 11.8 |
| 2024 | 7 | 65173 | United States Solar Corporation | IPP | MN East Regal LLC | MN | 66973 | MNERL | 1.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.0 |
| 2024 | 7 | 65754 | VESI 12 LLC | IPP | Bottleneck Energy Storage | CA | 66757 | BN1 | 80.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 80.0 |
| 2024 | 7 | 64966 | Vikings Energy Farm, LLC | IPP | Vikings Energy Farm | CA | 65711 | GEN1 | 136.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 136.8 |
| 2024 | 7 | 65667 | West Shore Solar LLC | IPP | West Shore Solar LLC | NY | 66761 | WS | 2.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.4 |
| 2024 | 7 | 65405 | Woodruff County Solar | IPP | Woodruff County Solar | AR | 66282 | PV1 | 122.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 122.0 |
| 2024 | 8 | 64904 | AES Clean Energy | IPP | County Highway Solar 1 | NY | 67415 | CTHW1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 8 | 64904 | AES Clean Energy | IPP | County Highway Solar 2 | NY | 67416 | CTHW2 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 8 | 64904 | AES Clean Energy | IPP | Northline Solar | NY | 66449 | NORTH | 4.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.0 |
| 2024 | 8 | 65646 | AFTW Storage, LLC | IPP | AFTW Storage, LLC | CA | 66619 | AFTW | 1.2 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.2 |
| 2024 | 8 | 66338 | Al Pastor BESS LLC | IPP | Al Pastor Battery Storage Plant | TX | 67721 | ALPTR | 100.8 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.8 |
| 2024 | 8 | 65700 | Atrisco Energy Storage LLC | IPP | Atrisco Energy Storage | NM | 66694 | ATRES | 300.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 300.0 |
| 2024 | 8 | 65788 | Ben Milam Solar 1 LLC | IPP | Orion I Solar Project | TX | 66859 | ORN1 | 200.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2024 | 8 | 65782 | Ben Milam Solar 3 LLC | IPP | Orion III Solar Project | TX | 66821 | ORN3 | 250.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 250.0 |
| 2024 | 8 | 65654 | Birch Creek Development | IPP | Kimmel Road Solar, LLC | IL | 66632 | PV | 50.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2024 | 8 | 65694 | Bright Arrow Solar, LLC | IPP | Bright Arrow Solar, LLC | TX | 66688 | BASS | 300.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 300.0 |
| 2024 | 8 | 66144 | Camino Ramon BR 2600 Solar Project 2020, LLC | IPP | Bishop Ranch - BR 2600 | CA | 67278 | 4146B | 1.1 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.1 |
| 2024 | 8 | 66144 | Camino Ramon BR 2600 Solar Project 2020, LLC | IPP | Bishop Ranch - BR 2600 | CA | 67278 | 4146C | 0.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 0.5 |
| 2024 | 8 | 66144 | Camino Ramon BR 2600 Solar Project 2020, LLC | IPP | Bishop Ranch - BR 2600 | CA | 67278 | 4147R | 1.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.2 |
| 2024 | 8 | 66343 | Catalyze Rochelle Wiscold Drive Microgrid, LLC | IPP | IL Rochelle 975 S. Caron Rd | IL | 67714 | 19578 | 1.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2024 | 8 | 59319 | Cotton Solar, LLC | IPP | Cotton Solar | SC | 59572 | PV1 | 16.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 16.0 |
| 2024 | 8 | 61060 | Cypress Creek Renewables | IPP | Acer | NY | 67632 | ACER | 4.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.3 |
| 2024 | 8 | 61060 | Cypress Creek Renewables | IPP | Breezewood | IL | 67633 | BREEZ | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2024 | 8 | 61060 | Cypress Creek Renewables | IPP | Grass River | NY | 67638 | GRASS | 4.1 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.1 |
| 2024 | 8 | 61060 | Cypress Creek Renewables | IPP | Skyline | IL | 67642 | SKYLN | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 8 | 59656 | Desert Quartzite LLC | IPP | Desert Quartzite | CA | 59871 | GEN01 | 300.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 300.0 |
| 2024 | 8 | 59656 | Desert Quartzite LLC | IPP | Desert Quartzite | CA | 59871 | GEN02 | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 8 | 17539 | Dominion Energy South Carolina, Inc | Electric Utility | Bushy Park Combustion Turbine Facility | SC | 66600 | CT1 | 40.3 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 65.4 |
| 2024 | 8 | 58468 | Dominion Renewable Energy | IPP | Atlanta Farms Solar | OH | 65128 | 43164 | 199.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 199.6 |
| 2024 | 8 | 58468 | Dominion Renewable Energy | IPP | Springfield Solar | VA | 65317 | SPRG | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 8 | 5347 | Dow Chemical Co | Industrial | Plaquemine Cogeneration Plant | LA | 55419 | ST6 | 48.9 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 48.9 |
| 2024 | 8 | 6455 | Duke Energy Florida, LLC | Electric Utility | Falmouth Renewable Energy Center | FL | 66639 | PV1 | 74.9 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 74.9 |
| 2024 | 8 | 64946 | EDPR CA Solar Park LLC | IPP | Sandrini Solar 200 | CA | 65663 | GEN01 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 8 | 65799 | Enel Green Power Estonian Solar Project, LLC | IPP | Estonian Solar Project, LLC | TX | 66872 | BESS | 100.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 8 | 65799 | Enel Green Power Estonian Solar Project, LLC | IPP | Estonian Solar Project, LLC | TX | 66872 | SOLAR | 204.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 204.5 |
| 2024 | 8 | 65444 | Erie Solar, LLC | IPP | Erie Solar, LLC | PA | 66365 | ERIE | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2024 | 8 | 62856 | Forefront Power, LLC | IPP | CA - Amazon - SMF6 | CA | 65616 | 20031 | 2.6 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.6 |
| 2024 | 8 | 65620 | Fox Garden LLC | IPP | Fox Garden | MN | 66576 | MNC07 | 0.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 0.9 |
| 2024 | 8 | 65097 | Gans Solar, LLC | IPP | Gans Solar | PA | 65902 | 5 | 14.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 14.0 |
| 2024 | 8 | 61194 | Generate Capital | IPP | 9521 US 14 SOLAR 1, LLC | IL | 67622 | 11110 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 8 | 61194 | Generate Capital | IPP | Cottage Grove North Solar 1, LLC | IL | 67629 | 11114 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 8 | 61194 | Generate Capital | IPP | Cottage Grove South Solar 1, LLC | IL | 67630 | 11115 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 8 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Lake City | MI | 67200 | 642 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 8 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Ledgeview | WI | 67056 | 708 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 8 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Morey Road | MI | 67199 | 641 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 8 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Pine Hill Westport | MA | 67156 | 702 | 3.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.3 |
| 2024 | 8 | 65451 | Grizzly Ridge Solar LLC | Commercial | Grizzly Ridge Solar | TX | 66410 | 596 | 10.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 10.0 |
| 2024 | 8 | 65076 | HEN Infrastructure, L.L.C. | IPP | CISCO BESS | TX | 66795 | CISCO | 9.9 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 9.9 |
| 2024 | 8 | 65076 | HEN Infrastructure, L.L.C. | IPP | Falfurrias BESS | TX | 66792 | FALFU | 9.9 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 9.9 |
| 2024 | 8 | 65016 | High River Energy Center, LLC | IPP | High River Energy Center, LLC | NY | 65765 | HR01 | 90.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 90.0 |
| 2024 | 8 | 65281 | Horus Louisiana 1, LLC | IPP | Elizabeth Solar Plant | LA | 66111 | US199 | 125.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 142.8 |
| 2024 | 8 | 9191 | Idaho Power Co | Electric Utility | Hemmingway BESS | ID | 66325 | HGWP2 | 36.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 36.0 |
| 2024 | 8 | 49893 | Invenergy Services LLC | IPP | Yuma Solar + Storage | AZ | 67321 | PV1 | 70.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 70.0 |
| 2024 | 8 | 63289 | Key Capture Energy | IPP | TX10 Hummingbird Storage | TX | 65693 | TX10 | 100.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 8 | 63289 | Key Capture Energy | IPP | TX15 Limousin Oak Storage | TX | 65698 | TX15 | 100.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 100.0 |
| 2024 | 8 | 61944 | MN8 Energy LLC | IPP | Dynamic - Exeter Solar | ME | 67015 | GEN1 | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 8 | 61944 | MN8 Energy LLC | IPP | Dynamic - Gray Solar | ME | 67014 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.9 |
| 2024 | 8 | 66120 | McCormick NY CSG LLC | IPP | McCormick NY CSG LLC | NY | 67248 | MCCOR | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 8 | 12796 | Monongahela Power Co | Electric Utility | Rivesville Solar | WV | 66900 | RIVS | 5.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.5 |
| 2024 | 8 | 65964 | Montgomery Ranch Wind Farm, LLC | IPP | Montgomery Ranch Wind Farm, LLC | TX | 67095 | MR1 | 202.5 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 202.5 |
| 2024 | 8 | 65823 | Myrtle Solar, LLC | IPP | Myrtle Solar, LLC | TX | 66910 | MYR | 313.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 313.0 |
| 2024 | 8 | 61227 | Nautilus Solar Solutions | IPP | Altamont (NY) | NY | 67403 | SC | 2.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.3 |
| 2024 | 8 | 61227 | Nautilus Solar Solutions | IPP | BNRG Masardis | ME | 67427 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 8 | 61227 | Nautilus Solar Solutions | IPP | Gowans | NY | 67442 | SC | 3.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.8 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Archie Horne | NC | 67040 | BAT1 | 10.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Butler | NC | 67042 | BAT1 | 10.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Collier BESS | NC | 65248 | BAT1 | 2.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 2.5 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Docs Road BESS | NC | 65249 | BAT1 | 5.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Fairfield Harbor | NC | 67044 | BAT1 | 5.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Five Points BESS | NC | 65250 | BAT1 | 5.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Maysville BESS | NC | 65240 | BAT1 | 5.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | McKinney BESS | NC | 65241 | BAT1 | 5.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | McLauchin | NC | 67041 | BAT1 | 15.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 15.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | New Rosewood BESS | NC | 65243 | BAT1 | 2.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 2.5 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Queens Creek BESS | NC | 65244 | BAT1 | 2.5 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 2.5 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Rocky Point BESS | NC | 65245 | BAT1 | 5.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Walkers Crossroads BESS | NC | 65246 | BAT1 | 5.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 8 | 13683 | North Carolina El Member Corp | Electric Utility | Zion Hill BESS | NC | 65247 | BAT1 | 5.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 8 | 65550 | Nova Power, LLC | IPP | Menifee Power Bank | CA | 66494 | NOVA3 | 50.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 8 | 64433 | Novel Bo Hu 1 Solar LLC | IPP | Novel Bo Hu 1 Solar LLC | MN | 65006 | BOHU1 | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 8 | 66031 | Novel Brock Solar HQ LLC | IPP | Novel Brock Solar LLC | MN | 65024 | BROCK | 1.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.0 |
| 2024 | 8 | 66032 | Novel Swenson Solar HQ LLC | IPP | Novel Swenson Solar LLC | MN | 65025 | SWNSN | 1.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.0 |
| 2024 | 8 | 64583 | OE_FL7 | IPP | OE_FL7 | FL | 65292 | OE_FL | 74.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.9 |
| 2024 | 8 | 63755 | Old 300 Solar Center, LLC | IPP | Old 300 Solar Center, LLC | TX | 64133 | 2222 | 430.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 430.0 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 1 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 2 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 3 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 4 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 5 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 6 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 7 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 8 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Standing Bear Lake | NE | 64548 | 9 | 16.8 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.1 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Turtle Creek | NE | 64547 | 1 | 221.1 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 264.0 |
| 2024 | 8 | 14127 | Omaha Public Power District | Electric Utility | Turtle Creek | NE | 64547 | 2 | 221.1 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 264.0 |
| 2024 | 8 | 66303 | PFMD LL Jessup LLC | IPP | MD JESSUP 7950 OCEANO AVE | MD | 67670 | 22337 | 1.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.5 |
| 2024 | 8 | 65347 | Pearl River Solar Park, LLC | IPP | Pearl River Solar Park LLC | MS | 66239 | GEN01 | 175.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 175.0 |
| 2024 | 8 | 65098 | Pechin Solar, LLC | IPP | Pechin Solar | PA | 65903 | 9 | 14.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 14.0 |
| 2024 | 8 | 64752 | Perendale Holdings, LLC | IPP | Perendale Holdings, LLC | NC | 65426 | GEN1 | 7.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 7.5 |
| 2024 | 8 | 65282 | Prairie Switch Wind LLC | IPP | Prairie Switch Wind LLC | TX | 66123 | PSW1 | 163.2 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 163.2 |
| 2024 | 8 | 65869 | Prologis Logistics Services Incorporated | IPP | CPA 2132 E Dominguez | CA | 66957 | PE901 | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 8 | 66003 | Reactivate | IPP | Monee Solar 1, LLC | IL | 67107 | GEN1 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 8 | 66003 | Reactivate | IPP | Mulberry Solar, LLC | IL | 67108 | GEN1 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 8 | 64994 | SolRiver Capital LLC | IPP | Green Solar LLC (CSG) | OR | 66349 | PV1 | 2.9 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.9 |
| 2024 | 8 | 17609 | Southern California Edison Co | Electric Utility | Cathode (Hinson) BESS | CA | 65457 | CATH1 | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 8 | 17609 | Southern California Edison Co | Electric Utility | Cathode (Hinson) BESS | CA | 65457 | CATH2 | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 8 | 17609 | Southern California Edison Co | Electric Utility | Separator (Etiwanda) BESS | CA | 65456 | SEPAR | 112.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 112.5 |
| 2024 | 8 | 60970 | SunShare Management | IPP | Buffalo Sun CSG | MN | 66070 | BUFFS | 1.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.0 |
| 2024 | 8 | 65535 | SunVest Solar LLC | IPP | SV CSG German Valley 1 LLC | IL | 67687 | GEVA1 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 8 | 65552 | Terra-Gen Operating Co-BESS 2 | IPP | Beaumont BESS | CA | 66461 | GEN1 | 100.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 116.6 |
| 2024 | 8 | 65173 | United States Solar Corporation | IPP | USS Rosewood Solar LLC | MN | 67547 | USRSW | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 8 | 65173 | United States Solar Corporation | IPP | USS Slayton Solar LLC | MN | 67548 | USSLY | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 8 | 65777 | Urban Grid Solar | IPP | Alton Post Office Solar | VA | 66837 | ALPT1 | 82.1 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 75.1 |
| 2024 | 8 | 65777 | Urban Grid Solar | IPP | Foxglove Solar | VA | 66841 | FOXG1 | 75.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 75.0 |
| 2024 | 8 | 65968 | Yellow Pine Solar II, LLC | IPP | Yellow Pine II | NV | 67091 | YP2BP | 65.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 65.0 |
| 2024 | 9 | 60797 | 68SF 8me LLC | IPP | Eland Solar & Storage Center, Phase 1 Hybrid | CA | 61168 | 61168 | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 9 | 60797 | 68SF 8me LLC | IPP | Eland Solar & Storage Center, Phase 1 Hybrid | CA | 61168 | 68SF8 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | AES ES Alamitos 2 LLC | CA | 67579 | ALMT2 | 82.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 82.0 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | Exeter Renewables 1 | RI | 67417 | EXTR1 | 10.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | Mannys Corners Solar 1 LLC | NY | 66947 | MANNY | 4.9 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 4.9 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | McFarland B Solar and Storage | AZ | 66637 | BESS | 150.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 150.0 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | McFarland B Solar and Storage | AZ | 66637 | MCFRB | 300.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 300.0 |
| 2024 | 9 | 64904 | AES Clean Energy | IPP | Tubolino CSG | NY | 67693 | TUBOL | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 9 | 65118 | AlphaStruxure Service Co LP | Commercial | Brookville Smart Bus Depot Microgrid | MD | 65945 | GEN2 | 0.6 | Natural Gas Internal Combustion Engine | NG | IC | (TS) Construction complete, but not yet in commercial operation | 0.6 |
| 2024 | 9 | 65118 | AlphaStruxure Service Co LP | Commercial | Brookville Smart Bus Depot Microgrid | MD | 65945 | GEN3 | 0.6 | Natural Gas Internal Combustion Engine | NG | IC | (TS) Construction complete, but not yet in commercial operation | 0.6 |
| 2024 | 9 | 64516 | Azimuth 180 Solar Electric, LLC | IPP | Oneida East | NY | 67584 | ONEID | 4.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.8 |
| 2024 | 9 | 65654 | Birch Creek Development | IPP | Salt Creek Township Solar, LLC | IL | 66633 | PV | 50.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2024 | 9 | 1148 | City of Baldwin City- (KS) | Electric Utility | Baldwin City Plant No 2 | KS | 8020 | 10 | 2.0 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 2.2 |
| 2024 | 9 | 1148 | City of Baldwin City- (KS) | Electric Utility | Baldwin City Plant No 2 | KS | 8020 | 9 | 2.0 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 2.2 |
| 2024 | 9 | 34359 | Curators of the University of Missouri | Commercial | MU Combined Heat and Power Plant | MO | 50969 | GEN10 | 8.0 | Natural Gas Steam Turbine | NG | ST | (V) Under construction, more than 50 percent complete | 9.0 |
| 2024 | 9 | 61060 | Cypress Creek Renewables | IPP | Galt | IL | 67636 | GALT | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 9 | 64843 | Dakota County, MN | Electric Utility | Byllesby | MN | 50328 | NOR-1 | 2.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 64843 | Dakota County, MN | Electric Utility | Byllesby | MN | 50328 | SOU-2 | 2.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 5248 | Dominion Energy Inc. | IPP | Madison Solar | VA | 66316 | MDSO | 62.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 62.5 |
| 2024 | 9 | 58468 | Dominion Renewable Energy | Electric Utility | Sebera Solar | VA | 65320 | SEBE | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2024 | 9 | 66124 | Dos Palos Clean Power, LLC | IPP | Dos Palos Clean Power | CA | 67287 | DOSP | 3.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.0 |
| 2024 | 9 | 5347 | Dow Chemical Co | Industrial | Plaquemine Cogeneration Plant | LA | 55419 | ST7 | 48.9 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 48.9 |
| 2024 | 9 | 64947 | EDPR CA Solar Park II LLC | IPP | Sandrini Solar 100 | CA | 65664 | GEN02 | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 9 | 65594 | EnerSmart Storage | IPP | EnerSmart El Cajon BESS | CA | 66754 | EC01 | 3.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2024 | 9 | 56201 | Engie North America | IPP | Noosa Energy Storage LLC | CA | 64531 | KOV4A | 99.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 99.0 |
| 2024 | 9 | 66221 | Finchville Tpke LLC | IPP | NY Finchville Tpke CSG | NY | 67480 | FCHVL | 1.8 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 1.8 |
| 2024 | 9 | 65932 | Greasewood II LLC | IPP | Greasewood II LLC | TX | 67006 | TBSP | 306.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 306.0 |
| 2024 | 9 | 60025 | Greenbacker Renewable Energy Corporation | IPP | N Baker Road | IL | 67153 | 679 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 60025 | Greenbacker Renewable Energy Corporation | IPP | N Baker Road 2 | IL | 67152 | 680 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 60025 | Greenbacker Renewable Energy Corporation | IPP | N Solon Road (South) | IL | 67198 | 678 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Surrey Road | MI | 67197 | 643 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Upland | MA | 67276 | 703 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 9 | 63109 | Hales Mills Solar, LLC | IPP | Hales Mills Solar, LLC | NY | 63339 | 09751 | 3.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 9 | 66165 | IOWN Renewable | IPP | Pome BESS | CA | 67299 | 10101 | 100.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 100.0 |
| 2024 | 9 | 49893 | Invenergy Services LLC | IPP | Tip Top Solar Energy Center LLC | NM | 63028 | GEN1 | 220.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 220.0 |
| 2024 | 9 | 65808 | La Casa Wind, LLC | IPP | La Casa Wind | TX | 66919 | 5309 | 150.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2024 | 9 | 50123 | Leeward Asset Management, LLC | IPP | AVEP BESS | CA | 65591 | AVEPB | 126.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 126.0 |
| 2024 | 9 | 65052 | Limestone CSG 1 LLC | IPP | Limestone CSG 1 LLC | ME | 65801 | LMST1 | 1.2 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 3.8 |
| 2024 | 9 | 65053 | Limestone CSG 2 LLC | IPP | Limestone CSG 2 LLC | ME | 65802 | LMST2 | 1.2 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 2.9 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 9 | 61944 | MN8 Energy LLC | IPP | Dynamic - Glenburn Broadway One | ME | 67017 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.9 |
| 2024 | 9 | 65131 | Mammoth North, LLC | IPP | Mammoth North Solar | IN | 65957 | GEN1 | 400.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 400.0 |
| 2024 | 9 | 65671 | Martin County Solar Project, LLC | IPP | Martin County Solar Project, LLC | KY | 66646 | USMTC | 111.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 111.0 |
| 2024 | 9 | 12303 | Merck & Co Inc-West Point | Industrial | West Point (PA) | PA | 52149 | GEN20 | 2.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 9 | 63968 | Mockingbird Solar Center, LLC | IPP | Mockingbird Solar Center | TX | 64347 | 7777 | 471.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 471.0 |
| 2024 | 9 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Norfolk Landfill Solar Project | CT | 67483 | NRFLK | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 9 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Raffia Road Solar Project | CT | 67484 | FLRFT | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 9 | 66007 | NY Pulteney I, LLC | IPP | Chidsey Hill Road Solar | NY | 65828 | 1666 | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 9 | 61227 | Nautilus Solar Solutions | IPP | BNRG North Anson | ME | 67431 | SC | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 9 | 61227 | Nautilus Solar Solutions | IPP | Sheesley | NY | 67329 | SC | 4.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.4 |
| 2024 | 9 | 49896 | Nevada Gold Energy, LLC | IPP | TS Power Plant | NV | 56224 | SOL2 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 9 | 13491 | New York University | Commercial | New York University Central Plant | NY | 54808 | GR1 | 2.6 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 2.6 |
| 2024 | 9 | 65550 | Nova Power, LLC | IPP | Menifee Power Bank | CA | 66494 | NOVA4 | 110.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 110.0 |
| 2024 | 9 | 64377 | Novel Blilie Solar, LLC | IPP | Novel Blilie Solar LLC | MN | 64865 | BLILE | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 9 | 65618 | Pickerel Garden LLC | IPP | Pickerel Garden | MN | 66578 | MNC03 | 0.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 0.9 |
| 2024 | 9 | 65776 | RPCA Solar 7, LLC | IPP | East Cleveland Road Solar | CA | 66810 | ECLE | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 9 | 65392 | Riverstart Solar Park III LLC | IPP | Riverstart Solar Park III | IN | 66269 | RSS03 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 9 | 60970 | SunShare Management | IPP | Oster Sun CSG | MN | 66072 | OSTRS | 1.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.0 |
| 2024 | 9 | 60970 | SunShare Management | IPP | Quarry Sun CSG | MN | 66073 | QURYS | 1.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.0 |
| 2024 | 9 | 65970 | Sunlight Road Solar, LLC | IPP | Sunlight Road Solar | LA | 67071 | SRS | 50.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 9 | 18454 | Tampa Electric Co | Electric Utility | Dover Energy Storage | FL | 67120 | BESS1 | 15.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 15.0 |
| 2024 | 9 | 65552 | Terra-Gen Operating Co-BESS 2 | IPP | Placerita ESS | CA | 66462 | GEN1 | 80.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 88.0 |
| 2024 | 9 | 65552 | Terra-Gen Operating Co-BESS 2 | IPP | Sagebrush Solar 2 ESS 59 | CA | 66950 | 1 | 59.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 59.0 |
| 2024 | 9 | 19499 | United Power, Inc | Electric Utility | Frederick Battery Storage | CO | 67302 | FREBA | 7.8 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 7.8 |
| 2024 | 9 | 65875 | Washington County Solar, LLC | IPP | Washington County Solar | GA | 66990 | WASH | 150.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2024 | 9 | 66350 | Wigeon Whistle BESS LLC | IPP | Wigeon Whistle Battery Storage Plant | TX | 67739 | WIDWH | 120.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 120.0 |
| 2024 | 9 | 65213 | Wolfskin Solar, LLC | IPP | Wolfskin Solar | GA | 66027 | GA-04 | 38.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 38.0 |
| 2024 | 10 | 61222 | 174 Power Global Corp. | IPP | Black Hollow Sun, LLC | CO | 64745 | BHS01 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2024 | 10 | 65684 | 549 Doles Ridge Rd Solar LLC | IPP | 549 Doles Ridge Rd Solar LLC | ME | 66665 | 549DR | 4.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.9 |
| 2024 | 10 | 64904 | AES Clean Energy | IPP | Cavalier Solar A2 | VA | 67421 | CAVA2 | 84.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 84.4 |
| 2024 | 10 | 64904 | AES Clean Energy | IPP | Geer Road Solar 1 | NY | 67418 | GEER1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 10 | 64904 | AES Clean Energy | IPP | Geer Road Solar 2 | NY | 67412 | GEER2 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 10 | 64904 | AES Clean Energy | IPP | Geer Road Solar 3 | NY | 67413 | GEER3 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 10 | 64904 | AES Clean Energy | IPP | Princetown Solar 1 | NY | 67414 | PRNC1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 10 | 65819 | Ables Springs Solar, LLC | IPP | Ables Springs Solar & Storage | TX | 66905 | BESS | 100.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 100.0 |
| 2024 | 10 | 61514 | Agilitas Energy, Inc. | IPP | Manorville II | NY | 64758 | MAN | 0.6 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.6 |
| 2024 | 10 | 66001 | Bayou Galion Solar Project, LLC | IPP | Bayou Galion Solar Project | LA | 67104 | BAYOU | 98.1 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 98.1 |
| 2024 | 10 | 65742 | Blue Bird Solar, LLC | IPP | Blue Bird Solar, LLC | MO | 66747 | BBS | 139.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 139.0 |
| 2024 | 10 | 65694 | Bright Arrow Solar, LLC | IPP | Bright Arrow Solar, LLC | TX | 66688 | BASS1 | 103.6 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 103.6 |
| 2024 | 10 | 65962 | Catalyze Fort Worth 5200 Gold Spike Drive Microgrid, LLC | IPP | TX Fort Worth 5200 Gold Spike Drive | TX | 67058 | 19599 | 4.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.0 |
| 2024 | 10 | 20806 | City of Windom | Electric Utility | Windom | MN | 2023 | CAT5 | 2.8 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 3.1 |
| 2024 | 10 | 20806 | City of Windom | Electric Utility | Windom | MN | 2023 | CAT6 | 2.8 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 3.1 |
| 2024 | 10 | 56769 | Consolidated Edison Development Inc. | IPP | Timberland Solar | GA | 65892 | TSPV | 140.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 140.0 |
| 2024 | 10 | 61060 | Cypress Creek Renewables | Electric Utility | Dakota | IL | 67635 | DAKOT | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 10 | 61060 | Cypress Creek Renewables | IPP | Meltwater | NY | 67640 | MELTW | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 10 | 61060 | Cypress Creek Renewables | IPP | Niagara (NY) | NY | 67641 | NIAGA | 4.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.2 |
| 2024 | 10 | 61060 | Cypress Creek Renewables | IPP | Walldog | IL | 67646 | WALLD | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 10 | 61610 | Delaware River Solar, LLC | IPP | Route 5 & 20 Community Solar Farm | NY | 62523 | 1093 | 2.3 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.3 |
| 2024 | 10 | 61610 | Delaware River Solar, LLC | IPP | State Route 64N Community Solar Farm | NY | 62520 | 1089 | 1.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.2 |
| 2024 | 10 | 65677 | Dimension Energy LLC | IPP | Kings CSG 3 LLC | CA | 66676 | KING3 | 3.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.0 |
| 2024 | 10 | 64872 | Distributed Solar Development, LLC | IPP | Caesar's Atlantic City - POI 1 (Colosseum) | NJ | 66813 | P5377 | 1.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.4 |
| 2024 | 10 | 65683 | Dublin Street LLC | IPP | Dublin Street LLC | ME | 66664 | DBLNS | 4.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.9 |
| 2024 | 10 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | Lincoln Combustion | NC | 7277 | 17 | 517.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 536.4 |
| 2024 | 10 | 5701 | El Paso Electric Co | Electric Utility | Chihuahuan Desert Solar | TX | 67174 | 10TXC | 10.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 10 | 64428 | Evergy, Inc. | IPP | Osawatomie Solar | KS | 67025 | PV | 4.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.9 |
| 2024 | 10 | 65381 | Gravel Pit Solar, LLC | IPP | Gravel Pit Solar, LLC | CT | 66268 | GPS03 | 70.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 70.0 |
| 2024 | 10 | 65381 | Gravel Pit Solar, LLC | IPP | Gravel Pit Solar, LLC | CT | 66268 | GPS04 | 50.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 10 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Mars Hill | ME | 67154 | 577 | 2.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.6 |
| 2024 | 10 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Our Katahdin | ME | 67155 | 696 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 10 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Ring Road | MA | 67119 | 686 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 10 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Stockbridge | NY | 67254 | 781 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 10 | 65805 | GulfStar Power, LLC | IPP | GulfStar Power, LLC | TX | 66871 | BESS | 300.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 300.0 |
| 2024 | 10 | 65805 | GulfStar Power, LLC | IPP | GulfStar Power, LLC | TX | 66871 | SOLAR | 451.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 451.6 |
| 2024 | 10 | 65076 | HEN Infrastructure, L.L.C. | IPP | Pavlov | TX | 67493 | PAVLV | 9.9 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 9.9 |
| 2024 | 10 | 65076 | HEN Infrastructure, L.L.C. | IPP | Russek | TX | 67495 | RUSSK | 9.9 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 9.9 |
| 2024 | 10 | 65076 | HEN Infrastructure, L.L.C. | IPP | Sandlake | TX | 67496 | SDLKB | 9.9 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 9.9 |
| 2024 | 10 | 62008 | Hale Kuawehi Solar LLC | IPP | Hale Kuawehi Solar Hybrid | HI | 62529 | HKSOL | 30.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2024 | 10 | 66172 | Hat Creek Bioenergy, LLC | IPP | Hat Creek Bioenergy | CA | 67360 | HAT01 | 3.0 | Wood/Wood Waste Biomass | WDS | OT | (V) Under construction, more than 50 percent complete | 3.6 |
| 2024 | 10 | 63416 | Ho'Ohana Solar 1 LLC | IPP | Ho'Ohana Solar 1 | HI | 63723 | H0001 | 52.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 52.0 |
| 2024 | 10 | 63416 | Ho'Ohana Solar 1 LLC | IPP | Ho'Ohana Solar 1 | HI | 63723 | HESS1 | 52.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 52.0 |
| 2024 | 10 | 64924 | IP Lumina, LLC | IPP | Lumina Solar Project | TX | 65645 | LU1BA | 160.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 160.0 |
| 2024 | 10 | 65794 | Indiana Crossroads Wind Farm II LLC | IPP | Indiana Crossroads Wind Farm II | IN | 66861 | GEN01 | 200.0 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 201.6 |
| 2024 | 10 | 9210 | International Paper Co-Riegelwood | Industrial | International Paper Riegelwood Mill | NC | 54656 | NO4 | 40.0 | Wood/Wood Waste Biomass | BLQ | ST | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2024 | 10 | 9417 | Interstate Power and Light Co | Electric Utility | Creston Solar (50 MW) | IA | 67536 | PV1 | 50.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 10 | 49893 | Invenergy Services LLC | IPP | Delilah Solar Energy II LLC | TX | 63884 | GEN1 | 310.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 310.0 |
| 2024 | 10 | 49893 | Invenergy Services LLC | IPP | Delilah Solar Energy LLC | TX | 63194 | GEN1 | 300.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 300.0 |
| 2024 | 10 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Driver Solar | AR | 65736 | AKDR1 | 150.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 150.0 |
| 2024 | 10 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Second Division Solar | TX | 65981 | TXSD1 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 10 | 65100 | Listonburg Solar, LLC | IPP | Listonburg Solar | PA | 65929 | 8 | 15.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 15.0 |
| 2024 | 10 | 61944 | MN8 Energy LLC | IPP | Dynamic - Wales Pond Road | ME | 67010 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.9 |
| 2024 | 10 | 61944 | MN8 Energy LLC | IPP | Spring Lane | PA | 67706 | GEN1 | 13.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 13.8 |
| 2024 | 10 | 66280 | Markum Solar Farm, LLC | IPP | Markum Solar Farm | TX | 67580 | MKM | 161.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 161.0 |
| 2024 | 10 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Foul Rift Solar Farm | NJ | 67252 | FLRFT | 15.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 15.4 |
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | Exeter Ten | RI | 67410 | SC | 2.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.8 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | Mechanic Street | ME | 67396 | SC | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | Missile Street | ME | 67398 | SC | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | North Woods | NY | 67437 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | Ver Plank North | NY | 67337 | SC | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 10 | 61227 | Nautilus Solar Solutions | IPP | Ver Plank South | NY | 67338 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 10 | 62646 | Painter Energy Storage, LLC | IPP | Painter Energy Storage | CA | 62729 | PAIN1 | 10.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 10 | 66069 | Paxton BESS 1 LLC | IPP | Paxton BESS 1 | MA | 67187 | 90912 | 3.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 10 | 66305 | Rio Vista Executive Boat & RV Storage, LLC | Commercial | Rio Vista Solar | CA | 67648 | 30200 | 2.7 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.7 |
| 2024 | 10 | 16609 | San Diego Gas & Electric Co | Electric Utility | Dark Sky Energy Center | CA | 66599 | 1 | 7.1 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 7.3 |
| 2024 | 10 | 66346 | Silver Peak Solar, LLC | IPP | Silver Peak | NV | 67736 | SP1 | 60.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 60.0 |
| 2024 | 10 | 66346 | Silver Peak Solar, LLC | IPP | Silver Peak | NV | 67736 | SP2 | 60.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 60.0 |
| 2024 | 10 | 66346 | Silver Peak Solar, LLC | IPP | Silver Peak | NV | 67736 | SP3 | 60.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 60.0 |
| 2024 | 10 | 64994 | SolRiver Capital LLC | IPP | Marble Solar LLC (CSG) | OR | 66351 | PV1 | 2.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.9 |
| 2024 | 10 | 64994 | SolRiver Capital LLC | IPP | Wallace Solar LLC (CSG) | OR | 66355 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.0 |
| 2024 | 10 | 17609 | Southern California Edison Co | Electric Utility | Anode (Springville) BESS | CA | 65458 | ANOD1 | 112.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 112.5 |
| 2024 | 10 | 17609 | Southern California Edison Co | Electric Utility | Anode (Springville) BESS | CA | 65458 | ANOD2 | 112.5 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 112.5 |
| 2024 | 10 | 60970 | SunShare Management | IPP | BecLee Solar CSG | CO | 67364 | BECLS | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 10 | 60970 | SunShare Management | IPP | Lark Bunting Solar CSG | CO | 67362 | LARKS | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 10 | 65552 | Terra-Gen Operating Co-BESS 2 | IPP | Sagebrush Solar 2 ESS 40 | CA | 66949 | 1 | 40.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 40.0 |
| 2024 | 10 | 57313 | Tesla Inc. | Industrial | Fremont CA AutoFactory | CA | 65072 | GA3 | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2024 | 10 | 57313 | Tesla Inc. | Industrial | Fremont CA AutoFactory | CA | 65072 | GVSRS | 0.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 0.4 |
| 2024 | 10 | 57313 | Tesla Inc. | Industrial | Fremont CA AutoFactory | CA | 65072 | STAMP | 1.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.2 |
| 2024 | 10 | 65173 | United States Solar Corporation | IPP | Marshall Solar Plus LLC | MN | 67545 | MARSL | 10.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2024 | 10 | 65173 | United States Solar Corporation | IPP | USS Cogburn Solar LLC | CO | 66436 | USCOG | 2.4 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.4 |
| 2024 | 10 | 6775 | Village of Freeport - (NY) | Electric Utility | Plant No 1 Freeport | NY | 2678 | ENG13 | 3.0 | Landfill Gas | LFG | IC | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 10 | 65640 | Vineyard Wind 1 LLC | IPP | Vineyard Wind 1 | MA | 63093 | VW01 | 800.0 | Offshore Wind Turbine | WND | WS | (V) Under construction, more than 50 percent complete | 800.0 |
| 2024 | 10 | 65645 | Wadley Solar, LLC | IPP | Wadley Solar | GA | 66626 | WADLE | 260.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 260.0 |
| 2024 | 11 | 65747 | AB Newark (Fund IV) Operating, LLC | IPP | AB Newark Solar | NJ | 66746 | PV1 | 5.6 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.6 |
| 2024 | 11 | 64904 | AES Clean Energy | IPP | AES Bend Solar I, LLC | IL | 67719 | BEND1 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 11 | 64904 | AES Clean Energy | IPP | AES Bend Solar II, LLC | IL | 67718 | BEND2 | 1.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.9 |
| 2024 | 11 | 64904 | AES Clean Energy | IPP | Triple S Solar I LLC | IL | 67717 | TRIP1 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 11 | 64904 | AES Clean Energy | IPP | Vermilion Solar I LLC | IL | 67716 | VERM1 | 1.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.9 |
| 2024 | 11 | 64904 | AES Clean Energy | IPP | Vermilion Solar II LLC | IL | 67715 | VERM2 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 11 | 65819 | Ables Springs Solar, LLC | IPP | Ables Springs Solar & Storage | TX | 66905 | SOLAR | 151.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 151.0 |
| 2024 | 11 | 65569 | Afton Solar LLC | IPP | Afton Solar | NY | 66521 | 18808 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 11 | 61514 | Agilitas Energy, Inc. | IPP | Manorville II | NY | 64758 | MANB | 0.8 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 0.8 |
| 2024 | 11 | 61514 | Agilitas Energy, Inc. | IPP | Patchogue ESS | NY | 64761 | PAT | 2.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 11 | 64516 | Azimuth 180 Solar Electric, LLC | IPP | Collins (NY) | NY | 67582 | COLLI | 4.9 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.9 |
| 2024 | 11 | 65293 | Bartonsville Energy Facility, LLC | IPP | Bartonsville Energy Facility, LLC | VA | 66133 | BTS | 130.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 130.0 |
| 2024 | 11 | 65852 | Ben Milam Solar 2 LLC | IPP | Orion II Solar Project | TX | 66941 | ORN2 | 250.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2024 | 11 | 66342 | Catalyze Joliet 1101 Cherry Hill Road Microgrid, LLC | IPP | IL Joliet 1101 Cherry Hl Rd | IL | 67713 | 19581 | 4.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 4.0 |
| 2024 | 11 | 66273 | Catalyze Newark Solar Farm 1 Microgrid, LLC | IPP | NY Newark St Rt 31 - Environomics S1 | NY | 67571 | 20880 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 11 | 66283 | Catalyze Newark Solar Farm 2 Microgrid, LLC | IPP | NY Newark ST RT 31 - Environomics S2 | NY | 67586 | 20654 | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 11 | 66288 | Catalyze Pombrio Solar Farm 1 Microgrid, LLC | IPP | NY ALTONA MAYOTT - Environomics P1 | NY | 67599 | 20641 | 7.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 7.5 |
| 2024 | 11 | 66289 | Catalyze Pombrio Solar Farm 2 Microgrid, LLC | IPP | NY ALTONA MAYOTT - Environomics P2 | NY | 67600 | 20641 | 7.1 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 7.1 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC3 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC4 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC5 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC6 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC7 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 10623 | City of Lakeland - (FL) | Electric Utility | C D McIntosh Jr | FL | 676 | IC8 | 20.0 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 20.0 |
| 2024 | 11 | 65677 | Dimension Energy LLC | IPP | RB Inyokern Solar WDAT 1203, LLC | CA | 67533 | INYO1 | 19.9 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 19.9 |
| 2024 | 11 | 65677 | Dimension Energy LLC | IPP | RB Inyokern Solar WDAT 1281, LLC | CA | 67534 | INYO2 | 11.9 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 11.9 |
| 2024 | 11 | 6455 | Duke Energy Florida, LLC | Electric Utility | County Line Renewable Energy Center | FL | 67049 | PV1 | 74.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.9 |
| 2024 | 11 | 65594 | EnerSmart Storage | IPP | EnerSmart Mesa Heights Sub Station | CA | 66552 | MH162 | 3.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2024 | 11 | 64428 | Evergy, Inc. | IPP | Osage City Solar | KS | 67699 | OSAGE | 1.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.8 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Buttonwood | FL | 65920 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Cedar Trail | FL | 67672 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Georges Lake | FL | 65907 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Hendry Isles | FL | 65909 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Honeybell | FL | 65921 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Mitchell Creek | FL | 65911 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 6452 | Florida Power & Light Co | Electric Utility | Norton Creek | FL | 65908 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 11 | 66142 | Goose Prairie Solar LLC | IPP | Goose Prairie Solar | WA | 67261 | GOOSE | 80.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2024 | 11 | 60025 | Greenbacker Renewable Energy Corporation | IPP | DIA 9 | CO | 67201 | 724 | 9.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 9.8 |
| 2024 | 11 | 65572 | Greene Community Solar LLC | IPP | Greene Community Solar | NY | 66524 | 20738 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 11 | 62008 | Hale Kuawehi Solar LLC | IPP | Hale Kuawehi Solar Hybrid | HI | 62529 | HKBA | 30.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2024 | 11 | 64941 | Hecate Energy Pulaski LLC | IPP | Hecate Energy Pulaski 1 | VA | 65665 | HEPU1 | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2024 | 11 | 64738 | Hummingbird Energy Storage, LLC | IPP | Hummingbird Energy Storage LLC | CA | 65395 | HUMB1 | 75.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 75.0 |
| 2024 | 11 | 9234 | Indiana Municipal Power Agency | Electric Utility | IMPA Richmond 8 Solar Park | IN | 66748 | RICH8 | 6.1 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 6.1 |
| 2024 | 11 | 9417 | Interstate Power and Light Co | Electric Utility | Wever Solar (150MW) | IA | 67538 | PV1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 11 | 49893 | Invenergy Services LLC | IPP | Samson Solar Energy II LLC | TX | 63882 | GEN1 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 11 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Prairie Ronde Solar Farm | LA | 65976 | LAPR1 | 135.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 135.0 |
| 2024 | 11 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Starr Solar Ranch | TX | 65975 | TXST1 | 136.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 136.0 |
| 2024 | 11 | 66149 | Magic Mountain Parkway Solar Project 2023, LLC | IPP | Six Flags Magic Mountain | CA | 67283 | 6569 | 10.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 10.0 |
| 2024 | 11 | 66149 | Magic Mountain Parkway Solar Project 2023, LLC | IPP | Six Flags Magic Mountain | CA | 67283 | 6569B | 2.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 11 | 12796 | Monongahela Power Co | Electric Utility | Marlowe Solar | WV | 66899 | MARS | 5.8 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.8 |
| 2024 | 11 | 66300 | NY CDG Genesee 1 LLC | IPP | NY ELBA 7195 OAK ORCHARD RD - Genesee 1 | NY | 67609 | 21599 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 11 | 66301 | NY CDG Genesee 4 LLC | IPP | NY PAVILION 6464 SHEPARD RD - Genesee 4 | NY | 67610 | 21602 | 4.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.3 |
| 2024 | 11 | 61227 | Nautilus Solar Solutions | IPP | BNRG Norridgewock | ME | 67429 | SC | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 11 | 61227 | Nautilus Solar Solutions | IPP | Pomham Islander | RI | 67447 | SC | 2.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.5 |
| 2024 | 11 | 61227 | Nautilus Solar Solutions | IPP | Wolcott Hill (Camden) | NY | 67426 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 11 | 66347 | Placid Solar II, LLC | IPP | Highland Solar North | FL | 64345 | 1112 | 74.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 74.9 |
| 2024 | 11 | 63969 | Placid Solar, LLC | IPP | Highland Solar South | FL | 64346 | 9999 | 74.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 74.9 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 11 | 65348 | Ragsdale Solar, LLC | IPP | Ragsdale Solar LLC | MS | 66240 | GEN01 | 100.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 100.0 |
| 2024 | 11 | 66079 | River Trail Solar, LLC | IPP | River Trail Solar, LLC | VA | 67218 | ENX22 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2024 | 11 | 27075 | San Diego County Water Auth | IPP | Rancho Penasquitos | CA | 56615 | G200 | 4.1 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 4.3 |
| 2024 | 11 | 66077 | Shifting Sands Solar, LLC | IPP | Shifting Sands Solar, LLC | VA | 67216 | ENX24 | 18.8 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2024 | 11 | 65571 | Solitude Solar Dix Duvall Rd Microgrid, LLC | IPP | NY Beaver Dams Dix 1239 Duvall Rd Solar | NY | 66523 | 20149 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 11 | 65535 | SunVest Solar LLC | IPP | Lawrence Solar 1 LLC | IL | 67681 | LAWS1 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 11 | 65535 | SunVest Solar LLC | IPP | Lawrence Solar 2 LLC | IL | 67682 | LAWS2 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 11 | 65535 | SunVest Solar LLC | IPP | SV CSG Wagner A LLC | IL | 67688 | WAGNA | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 11 | 65535 | SunVest Solar LLC | IPP | SV CSG Wagner B LLC | IL | 67689 | WAGNB | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 11 | 66078 | Sunny Rock Solar, LLC | IPP | Sunny Rock Solar, LLC | VA | 67217 | ENX23 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2024 | 11 | 66334 | Twin Lakes Solar LLC | IPP | Twin Lakes Solar LLC | IN | 67696 | TWNLK | 150.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 150.0 |
| 2024 | 11 | 65875 | Washington County Solar, LLC | IPP | Decatur Solar | GA | 67047 | GEN1 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 61222 | 174 Power Global Corp. | IPP | Atlas | AZ | 63798 | ATL01 | 300.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2024 | 12 | 61222 | 174 Power Global Corp. | IPP | Atlas | AZ | 63798 | ATLB1 | 300.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2024 | 12 | 61222 | 174 Power Global Corp. | IPP | Pigeon Run Solar Project | VA | 64767 | TC001 | 60.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2024 | 12 | 61222 | 174 Power Global Corp. | IPP | Turkey Creek Solar Project | CO | 64744 | TC001 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2024 | 12 | 61222 | 174 Power Global Corp. | IPP | Zenith Solar | VA | 64768 | TC001 | 60.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2024 | 12 | 64904 | AES Clean Energy | IPP | Calhoun County Solar Project | MI | 64452 | GEN1 | 125.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 125.0 |
| 2024 | 12 | 64904 | AES Clean Energy | IPP | Mamm Creek | CO | 67322 | MCESS | 10.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 11.2 |
| 2024 | 12 | 64904 | AES Clean Energy | IPP | Mamm Creek | CO | 67322 | MCSCO | 10.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 11.2 |
| 2024 | 12 | 64904 | AES Clean Energy | IPP | Rexford Solar Farm | CA | 64633 | 20SD8 | 300.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 300.0 |
| 2024 | 12 | 64904 | AES Clean Energy | IPP | Rexford Solar Farm | CA | 64633 | 20SDB | 240.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 240.0 |
| 2024 | 12 | 56101 | AMERESCO Ox Mountain Energy LLC | IPP | Ameresco Ox Mountain | CA | 56895 | 7 | 2.8 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2024 | 12 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Bethel | AK | 6566 | 8 | 2.9 | Petroleum Liquids | DFO | IC | (T) Regulatory approvals received. Not under construction | 2.9 |
| 2024 | 12 | 57079 | Ameresco Butte County LLC | IPP | Ameresco Butte County | CA | 57771 | 2 | 0.2 | Landfill Gas | LFG | OT | (P) Planned for installation, but regulatory approvals not initiated | 0.2 |
| 2024 | 12 | 66072 | Anticline Wind, LLC | IPP | Anticline Wind | WY | 67193 | AC | 124.3 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 124.3 |
| 2024 | 12 | 61711 | Ashley Solar (SC) | IPP | Ashley Solar (SC) | SC | 62179 | 21 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 12 | 15399 | Avangrid Renewables LLC | IPP | True North Solar, LLC | TX | 65998 | TNS1 | 237.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 237.5 |
| 2024 | 12 | 63702 | Barbers Point Solar, LLC | IPP | Barbers Point Solar, LLC | HI | 64094 | BPBA | 15.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 15.0 |
| 2024 | 12 | 63702 | Barbers Point Solar, LLC | IPP | Barbers Point Solar, LLC | HI | 64094 | BPSOL | 15.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 15.0 |
| 2024 | 12 | 65654 | Birch Creek Development | IPP | Envoy Solar, LLC | MO | 66629 | PV | 50.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2024 | 12 | 65654 | Birch Creek Development | IPP | RIchland Township Solar, LLC | IL | 66630 | PV | 35.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 35.0 |
| 2024 | 12 | 64744 | Boswell Wind, LLC | IPP | Boswell Wind | WY | 65403 | BOSWW | 329.8 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 329.8 |
| 2024 | 12 | 61143 | Bridge Energy LLC | Industrial | Blacksand Generating Facility | CA | 56090 | D191 | 0.8 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 0.8 |
| 2024 | 12 | 61143 | Bridge Energy LLC | Industrial | Blacksand Generating Facility | CA | 56090 | D192 | 0.8 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 0.8 |
| 2024 | 12 | 58416 | California State University, Northridge | Commercial | CSU Northridge Plant | CA | 58422 | G6PV | 0.7 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.8 |
| 2024 | 12 | 65931 | Cardinal Solar, LLC | IPP | Cardinal Solar, LLC | PA | 67007 | CARD | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2024 | 12 | 65567 | Catalyze Pasadena 10585 Red Bluff Road Microgrid, LLC | IPP | TX Pasadena 10585 Red Bluff Road Solar | TX | 66519 | 19503 | 2.3 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.3 |
| 2024 | 12 | 65568 | Catalyze Sunnyvale 367 Long Creek Road Microgrid, LLC | IPP | TX Sunnyvale 367 Long Creek Road Solar | TX | 66520 | 19644 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 12 | 66129 | Cedar Springs Wind IV, LLC | IPP | Cedar Springs Wind IV | WY | 67289 | CS4 | 390.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 390.4 |
| 2024 | 12 | 66200 | Century Oak Wind Project, LLC | IPP | Century Oak Wind Project, LLC | TX | 67425 | COAKW | 151.5 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 151.5 |
| 2024 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 4 BESS | TX | 66294 | A4BS1 | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2024 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 5 BESS 1 | TX | 66295 | A5BS1 | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2024 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 5 BESS 2 | TX | 66296 | A5BS2 | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2024 | 12 | 66014 | DG Kendall, LLC | IPP | Kendall DG Solar | NY | 67141 | KEN | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2024 | 12 | 61785 | EDP Renewables North America LLC | IPP | Scarlet Solar (CA) | CA | 64908 | GEN01 | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 12 | 61785 | EDP Renewables North America LLC | IPP | Scarlet Solar (CA) | CA | 64908 | GEN02 | 40.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 40.0 |
| 2024 | 12 | 65859 | EDPR Scarlet II LLC | IPP | Scarlet II Hybrid | CA | 66951 | GEN03 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 65859 | EDPR Scarlet II LLC | IPP | Scarlet II Hybrid | CA | 66951 | GEN04 | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 12 | 65985 | EF NY CDG 010, LLC | IPP | NY Attica 264 Maplewood Rd | NY | 67136 | 20496 | 3.6 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.6 |
| 2024 | 12 | 66297 | EFR Solar 2, LLC | IPP | EFR Solar 2, LLC | CA | 67608 | 18994 | 2.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.5 |
| 2024 | 12 | 66296 | EFR Solar, LLC | IPP | EFR Solar, LLC | CA | 67607 | 18993 | 2.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.5 |
| 2024 | 12 | 64609 | ENGIE Solidago Solar LLC | IPP | ENGIE Solidago Solar Project - Hybrid | DE | 65304 | BESS | 12.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 12.5 |
| 2024 | 12 | 58135 | Ecos Energy LLC | IPP | Apple Hill Solar | VT | 61037 | APPL | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 12 | 65594 | EnerSmart Storage | IPP | EnerSmart Imperial Beach BESS | CA | 66551 | IB192 | 3.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2024 | 12 | 65594 | EnerSmart Storage | IPP | EnerSmart Imperial Beach BESS | CA | 66551 | IB193 | 3.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Antlia | TX | 65588 | ANTLA | 70.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 70.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Avila | TX | 65860 | AVILA | 160.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 160.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Cachi | TX | 65861 | CACHI | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Carina | TX | 65589 | CARNA | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Castor | TX | 65870 | CASTR | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Desna | TX | 65876 | DESNA | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 56201 | Engie North America | IPP | Zeya | TX | 65880 | ZEYA | 250.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2024 | 12 | 65206 | Eureka North Solar LLC | IPP | Eureka North Solar | NY | 66042 | 63232 | 3.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 3.5 |
| 2024 | 12 | 65205 | Eureka South Solar LLC | IPP | Eureka South Solar | NY | 66041 | 63231 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 12 | 66089 | FRP Columbia County Solar, LLC | IPP | Columbia County Solar | FL | 67206 | COLS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 66088 | FRP Gadsden County Solar, LLC | IPP | Gadsden County Solar | FL | 67205 | GADS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 66090 | FRP Gilchrist County Solar, LLC | IPP | Gilchrist County Solar | FL | 67207 | GILS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 66063 | FRP Tupelo Solar, LLC | IPP | Tupelo Solar | FL | 67182 | TUPS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 66125 | Foster Clean Power A, LLC | IPP | Foster Clean Power A | CA | 67288 | BESSA | 1.3 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.3 |
| 2024 | 12 | 66125 | Foster Clean Power A, LLC | IPP | Foster Clean Power A | CA | 67288 | FOSTA | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2024 | 12 | 61194 | Generate Capital | IPP | Goodenow Road West Solar 1, LLC | IL | 67625 | 11112 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 12 | 7140 | Georgia Power Co | Electric Utility | Georgia College & State University Solar | GA | 63282 | 1 | 3.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.5 |
| 2024 | 12 | 7570 | Great River Energy | Electric Utility | Cambridge CT Hybrid | MN | 2038 | BA1 | 1.2 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2024 | 12 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Panther Creek Wind Project | IL | 63907 | WTGE | 54.4 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 54.4 |
| 2024 | 12 | 65680 | Hanford BESS LLC | IPP | Lead BESS 1 | CA | 66660 | HAN | 99.4 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 99.4 |
| 2024 | 12 | 65680 | Hanford BESS LLC | IPP | Lead BESS 2 | CA | 66662 | BIA | 32.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 32.0 |
| 2024 | 12 | 66091 | Harmony Florida Solar II, LLC | IPP | Harmony Florida Solar II | FL | 67208 | HARS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 65655 | Harquahala Sun Solar Project | IPP | Harquahala Sun Solar Project | AZ | 66670 | HARQ1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 12 | 65681 | Henrietta BESS LLC | IPP | Electrolyte BESS | CA | 66661 | HEN | 99.4 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 99.4 |
| 2024 | 12 | 65829 | Hill Solar 1, LLC | IPP | Hill Solar 1, LLC | TX | 66912 | HS1 | 405.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 405.0 |
| 2024 | 12 | 66199 | Hopkins Energy LLC | IPP | Hopkins Energy LLC | TX | 67424 | HOPKS | 250.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 250.0 |
| 2024 | 12 | 64927 | IP Lumina II, LLC | IPP | Lumina II Solar Project | TX | 65644 | LU2BA | 160.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 160.0 |
| 2024 | 12 | 64370 | IP Radian, LLC | IPP | IP Radian, LLC | TX | 64859 | RADBA | 160.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 160.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 12 | 9273 | Indianapolis Power & Light Co | Electric Utility | Pike County Energy Storage | IN | 66881 | BAT2 | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Duane Arnold Solar II (150MW) | IA | 67537 | PV1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Changing Winds | TX | 59243 | CHAN1 | 288.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 288.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Diversion Wind Energy LLC | TX | 67601 | DIV01 | 98.6 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 98.6 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Diversion Wind Energy LLC | TX | 67601 | DIV02 | 102.0 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 102.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Hardin Solar Energy II LLC | OH | 63828 | GEN1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Maple Flats | IL | 66191 | 65015 | 250.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 250.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Yum Yum Solar LLC | TN | 63026 | GEN1 | 147.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 147.0 |
| 2024 | 12 | 49893 | Invenergy Services LLC | IPP | Yuma Solar + Storage | AZ | 67321 | BESS1 | 67.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 67.0 |
| 2024 | 12 | 65656 | Kiowa County Solar Project, LLC | IPP | Kiowa County Solar Project, LLC | OK | 66642 | USKWA | 100.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 100.0 |
| 2024 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Morrow Lake Solar | TX | 66775 | MLPV | 200.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 200.0 |
| 2024 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Ridgely Energy Farm | TN | 65445 | RIGPV | 254.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 254.0 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 1 | 0.6 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.6 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 2 | 0.6 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.6 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 3 | 0.2 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.2 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 4 | 0.2 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.2 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 5 | 0.6 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.6 |
| 2024 | 12 | 62664 | Lock 14 Hydro Partners, LLC | IPP | Heidelberg Hydroelectric Project | KY | 62749 | 6 | 0.6 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 0.6 |
| 2024 | 12 | 61752 | Lone Star Solar | IPP | Lone Star Solar | SC | 62235 | 49 | 66.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 66.0 |
| 2024 | 12 | 61752 | Lone Star Solar | IPP | Lone Star Solar | SC | 62235 | 50 | 66.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 66.0 |
| 2024 | 12 | 65676 | Long Lake Solar, LLC | IPP | Long Lake Solar, LLC | AR | 66649 | LLS | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 61944 | MN8 Energy LLC | IPP | Dynamic - Leeds Solar | ME | 67013 | GEN1 | 4.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.9 |
| 2024 | 12 | 65551 | Magruder Solar, LLC | IPP | Magruder Solar | NY | 66495 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 12 | 65678 | Malaga BESS LLC | IPP | Acid BESS | CA | 66659 | MAL | 97.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 97.0 |
| 2024 | 12 | 12320 | Merck & Co Inc | Industrial | Elkton | VA | 52148 | GEN10 | 2.0 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 12 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Sicklerville Landfill | NJ | 67557 | SKLDF | 2.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.3 |
| 2024 | 12 | 65862 | NY Lodi I, LLC | IPP | Halsey Lane Solar | NY | 65827 | 1795 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2024 | 12 | 62759 | National Grid Renewables | IPP | Fillmore County Solar Project | MN | 67168 | FILCO | 45.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 45.0 |
| 2024 | 12 | 62759 | National Grid Renewables | IPP | Louise Solar | MN | 67167 | LSSLR | 50.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 50.0 |
| 2024 | 12 | 62759 | National Grid Renewables | IPP | Unbridled Solar | KY | 67165 | UBSLR | 160.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 160.0 |
| 2024 | 12 | 61227 | Nautilus Solar Solutions | IPP | BRNG Nicolin | ME | 67428 | SC | 3.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.3 |
| 2024 | 12 | 61227 | Nautilus Solar Solutions | IPP | Exeter Mail | RI | 67411 | SC | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 12 | 61227 | Nautilus Solar Solutions | IPP | KE73 | DE | 67391 | SC | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2024 | 12 | 61227 | Nautilus Solar Solutions | IPP | Livingston Crossing | MD | 67393 | SC | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 12 | 63238 | OE_ALC | IPP | AL Solar C LLC | AL | 63513 | OEALC | 80.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 80.0 |
| 2024 | 12 | 65778 | OE_CAB1 | IPP | OE_CAB1 | CA | 66808 | OCAB | 99.7 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 99.7 |
| 2024 | 12 | 64584 | OE_MS4 | IPP | OE_MS4 | MS | 65293 | OEMS4 | 96.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 96.0 |
| 2024 | 12 | 66233 | Oliver Wind IV, LLC | IPP | Oliver Wind IV | ND | 67502 | GEN4 | 198.8 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 198.8 |
| 2024 | 12 | 61301 | Plum Creek Wind Farm LLC | IPP | Plum Creek | MN | 61687 | PLMCK | 400.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2024 | 12 | 65302 | Ponderosa Wind II, LLC | IPP | Ponderosa Wind II | OK | 66155 | GP01 | 100.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2024 | 12 | 15248 | Portland General Electric Co | Electric Utility | Coffee Creek BESS | OR | 67698 | CCRK1 | 17.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 17.0 |
| 2024 | 12 | 15248 | Portland General Electric Co | Electric Utility | Constable BESS | OR | 67712 | CSTB1 | 75.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 75.0 |
| 2024 | 12 | 64610 | Powells Creek Farm Solar, LLC | IPP | Powells Creek Solar - Hybrid | VA | 65305 | BESS | 17.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 17.5 |
| 2024 | 12 | 65869 | Prologis Logistics Services Incorporated | IPP | CPA Wilmington 1 | CA | 66959 | PE001 | 1.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.8 |
| 2024 | 12 | 65869 | Prologis Logistics Services Incorporated | IPP | IPC 25 Solar | CA | 67069 | CV525 | 2.4 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.4 |
| 2024 | 12 | 65946 | Quartz Solar, LLC | IPP | Quartz Solar, LLC | AR | 67038 | QRTZ | 135.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 135.0 |
| 2024 | 12 | 65093 | RPCA Storage 1, LLC | IPP | Industrial Parkway Storage | CA | 65897 | INPKY | 9.8 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 9.8 |
| 2024 | 12 | 56215 | RWE Renewables Americas, LLC | IPP | Peyton Creek Wind Farm II | TX | 67700 | WT2 | 243.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 243.0 |
| 2024 | 12 | 66146 | Ruggirello Solar, LLC | IPP | FFP - NY Ruggirello | NY | 67280 | P5649 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 12 | 65573 | SL Fredonia, LLC | IPP | NY Fredonia 9824 Route 60 Solar | NY | 66525 | 21105 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2024 | 12 | 66352 | SMT Ironman BESS LLC | IPP | SMT Ironman Battery Storage Plant | TX | 67737 | SMTIR | 304.0 | Batteries | MWH | BA | (TS) Construction complete, but not yet in commercial operation | 304.0 |
| 2024 | 12 | 65304 | SR Ailey, LLC | IPP | SR Ailey | GA | 66173 | AILEY | 80.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 80.0 |
| 2024 | 12 | 66021 | SR Albany, LLC | IPP | SR Albany, LLC | TN | 67126 | ALBNY | 4.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.3 |
| 2024 | 12 | 66020 | SR Christiana, LLC | IPP | SR Christiana, LLC | TN | 67125 | CHRIS | 3.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.3 |
| 2024 | 12 | 66022 | SR Lambert I, LLC | IPP | SR Lambert I, LLC | SC | 67129 | LAMB1 | 100.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2024 | 12 | 63778 | SR Litchfield, LLC | IPP | SR Litchfield | CT | 64161 | LITCH | 19.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 19.8 |
| 2024 | 12 | 66011 | SR Monroe, LLC | IPP | SR Monroe, LLC | TN | 67133 | MONRO | 4.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.8 |
| 2024 | 12 | 66010 | SR Panola I, LLC | IPP | SR Panola I, LLC | MS | 67132 | PANO1 | 4.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.8 |
| 2024 | 12 | 66008 | SR Panola II, LLC | IPP | SR Panola II, LLC | MS | 67130 | PANO2 | 4.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.8 |
| 2024 | 12 | 66009 | SR Panola III, LLC | IPP | SR Panola III, LLC | MS | 67131 | PANO3 | 3.5 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.5 |
| 2024 | 12 | 65743 | SR Russellville, LLC | IPP | SR Russellville | KY | 66818 | RUSVL | 173.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 173.0 |
| 2024 | 12 | 66024 | SR Toombs I, LLC | IPP | SR Toombs, LLC | GA | 67127 | TOOM1 | 250.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 250.0 |
| 2024 | 12 | 66038 | SR Warren, LLC | IPP | SR Warren, LLC | KY | 67164 | WARRN | 3.5 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.5 |
| 2024 | 12 | 64607 | Salt City Solar LLC | IPP | Salt City Solar Project - Hybrid | OH | 65302 | BESS | 12.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 12.5 |
| 2024 | 12 | 64230 | Sanford ESS, LLC | IPP | Sanford ESS, LLC | ME | 64615 | 1 | 5.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 12 | 63257 | Solar Carver 1, LLC | IPP | Solar Carver 1 Hybrid | MA | 63541 | BCRV1 | 2.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 12 | 63257 | Solar Carver 1, LLC | IPP | Solar Carver 1 Hybrid | MA | 63541 | SCRV1 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2024 | 12 | 63243 | Solar Carver 3, LLC | IPP | Solar Carver 3 Hybrid | MA | 63506 | BCRV3 | 1.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 12 | 63243 | Solar Carver 3, LLC | IPP | Solar Carver 3 Hybrid | MA | 63506 | SCRV3 | 1.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2024 | 12 | 64233 | South Portland ESS, LLC | IPP | South Portland ESS, LLC | ME | 64616 | 1 | 10.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 10.0 |
| 2024 | 12 | 64783 | Spanish Peaks Solar LLC | IPP | Spanish Peaks Solar | CO | 62379 | 47301 | 140.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 140.0 |
| 2024 | 12 | 63395 | Spencer Solar Farm, LLC | IPP | Spencer Solar | MA | 63676 | SPENC | 2.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.3 |
| 2024 | 12 | 66092 | Storey Bend Solar, LLC | IPP | Storey Bend Solar | FL | 67209 | STOS | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 64778 | Strata Manager, LLC | IPP | Inland Empire Energy Storage | CA | 66726 | IEESS | 70.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 70.0 |
| 2024 | 12 | 63396 | Sturbridge Road Solar Farm, LLC | IPP | Sturbridge Road Solar | MA | 63677 | STURB | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2024 | 12 | 65535 | SunVest Solar LLC | IPP | DeKalb Taylor LLC | IL | 67686 | DEKTY | 4.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.9 |
| 2024 | 12 | 65535 | SunVest Solar LLC | IPP | Schmidt CSG 1 | IL | 67685 | SHMT2 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2024 | 12 | 64612 | Sunnybrook Farm Solar, LLC | IPP | Sunnybrook Solar Project - Hybrid | VA | 65307 | SUNB | 12.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 12.5 |
| 2024 | 12 | 18454 | Tampa Electric Co | Electric Utility | Bullfrog Creek Solar | FL | 67203 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2024 | 12 | 18454 | Tampa Electric Co | Electric Utility | English Creek Solar | FL | 66921 | 1 | 23.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 23.0 |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Vonore Battery Energy Storage System | TN | 64255 | VBESS | 20.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2024 | 12 | 64457 | VCP, LLC d/b/a Verogy | IPP | FedEx Middletown | CT | 65046 | VCP15 | 2.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2024 | 12 | 61864 | Washington Solar II (SC) | IPP | Washington Solar II (SC) | SC | 62344 | 88 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2024 | 12 | 64789 | West Memphis Solar, LLC | IPP | West Memphis Solar, LLC | AR | 65482 | WMEM1 | 180.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 180.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 12 | 65601 | Wheatridge East Wind LLC | IPP | Wheatridge East Wind | OR | 66560 | WREW | 200.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Antigo-Forrest Street Solar Project | WI | 67724 | 20243 | 6.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 6.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Auburn Solar WI, LLC | WI | 67725 | 20245 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Caledonia Solar WI, LLC | WI | 67727 | 20241 | 6.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 6.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Darien Solar | WI | 64534 | 1 | 250.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 250.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Hackbarth Solar WI, LLC | WI | 67728 | 20244 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | LaFayette Solar WI, LLC | WI | 67730 | 20246 | 6.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 6.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Paris Solar | WI | 65967 | PSLR1 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2024 | 12 | 20847 | Wisconsin Electric Power Co | Electric Utility | Raymond Solar WI, LLC | WI | 67731 | 20242 | 6.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 6.0 |
| 2024 | 12 | 20856 | Wisconsin Power & Light Co | Electric Utility | Nortera Customer Hosted Solar | WI | 67539 | PV1 | 1.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.6 |
| 2024 | 12 | 60059 | ZGlobal Inc | IPP | Lara 2 Hybrid | CA | 67234 | LARAB | 0.9 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 0.9 |
| 2024 | 12 | 60059 | ZGlobal Inc | IPP | Lara 2 Hybrid | CA | 67234 | LARAS | 0.7 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.7 |
| 2025 | 1 | 63825 | 45MG 8me LLC | IPP | Aratina Solar Center 2 | CA | 64215 | 45MGA | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 1 | 63825 | 45MG 8me LLC | IPP | Aratina Solar Center 2 | CA | 64215 | 45MGB | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 1 | 15399 | Avangrid Renewables LLC | IPP | Bakeoven Solar | OR | 63507 | BOS1 | 60.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 60.0 |
| 2025 | 1 | 15399 | Avangrid Renewables LLC | IPP | Daybreak Solar | OR | 64974 | DBS1 | 140.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 140.0 |
| 2025 | 1 | 59613 | BayWa r.e. Solar Projects LLC | IPP | Bluebird Solar LLC | KY | 62797 | BBIRD | 80.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2025 | 1 | 65442 | Cobalt Solar, LLC | IPP | Cobalt Solar, LLC | PA | 66364 | COBAL | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2025 | 1 | 65651 | Double Back Diamond Solar Power, LLC | IPP | Double Back Diamond | IL | 66624 | DBD | 592.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 592.8 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M01 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M02 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M03 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M04 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M05 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 65594 | EnerSmart Storage | IPP | EnerSmart Murray BESS | CA | 66755 | M06 | 3.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Big Water | FL | 65912 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Fawn | FL | 65919 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Fox Trail | FL | 65916 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Green Pasture | FL | 65918 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Hog Bay | FL | 65915 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Holopaw | FL | 65922 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Redlands | FL | 65914 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Swallowtail | FL | 67673 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Thomas Creek | FL | 65917 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 1 | 61194 | Generate Capital | IPP | Freeport 18th Solar | IL | 67624 | 11084 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2025 | 1 | 61194 | Generate Capital | IPP | Lilly Pond Road Solar 1, LLC | IL | 67623 | 11111 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2025 | 1 | 65693 | Graceland Solar, LLC | IPP | Graceland Solar, LLC | TN | 66687 | GRA1 | 150.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2025 | 1 | 64937 | Hecate Energy Desert Storage 1 LLC | IPP | Hecate Energy Desert Storage 1 LLC | CA | 65635 | HEDS1 | 10.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 10.0 |
| 2025 | 1 | 64978 | Hecate Grid Carris Storage 1 LLC | IPP | Carris Storage I | CA | 65733 | HECAR | 10.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 10.0 |
| 2025 | 1 | 66127 | Howard University | Electric CHP | CHP Plant | DC | 67265 | CTG-1 | 5.3 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 5.7 |
| 2025 | 1 | 34691 | Ormat Nevada Inc | IPP | Beowawe | NV | 10287 | BWSOL | 5.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.8 |
| 2025 | 1 | 65398 | Peregrine Energy Storage, LLC | IPP | Peregrine Energy Storage LLC | CA | 66286 | PERE1 | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2025 | 1 | 66287 | SL Evans, LLC | IPP | NY Evans 7690 SW Blvd - SL Evans Array 1 | NY | 67589 | 21106 | 4.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.3 |
| 2025 | 1 | 66287 | SL Evans, LLC | IPP | NY Evans 7690 SW Blvd - SL Evans Array 2 | NY | 67590 | 21107 | 4.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 4.0 |
| 2025 | 1 | 65957 | Solitude Solar New Hartford Oxford Microgrid, LLC | IPP | 3715 Oxford RD | NY | 67033 | 20148 | 3.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.8 |
| 2025 | 1 | 18315 | Sunflower Electric Power Corp | Electric Utility | Russell | KS | 67320 | 1 | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2025 | 1 | 18454 | Tampa Electric Co | Electric Utility | Lake Mabel Storage | FL | 66641 | BESS1 | 40.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2025 | 1 | 57313 | Tesla Inc. | Industrial | Fremont CA AutoFactory | CA | 65072 | VSRS | 0.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 0.4 |
| 2025 | 1 | 65777 | Urban Grid Solar | IPP | Aspen Road Solar | PA | 66838 | ASPR1 | 106.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 100.1 |
| 2025 | 1 | 20856 | Wisconsin Power & Light Co | Electric Utility | Janesville Community Solar | WI | 67705 | PV1 | 2.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.3 |
| 2025 | 1 | 20856 | Wisconsin Power & Light Co | Electric Utility | Rock County Customer Hosted Solar | WI | 67704 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.4 |
| 2025 | 1 | 20856 | Wisconsin Power & Light Co | Electric Utility | UW Kegonsa Customer Hosted Solar | WI | 67540 | PV1 | 2.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.3 |
| 2025 | 2 | 64904 | AES Clean Energy | IPP | McFarland C | AZ | 67498 | MCFRC | 185.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 185.0 |
| 2025 | 2 | 61012 | AES Distributed Energy | IPP | AES Waiawa Phase 2 Solar | HI | 66066 | WAIBA | 30.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 30.0 |
| 2025 | 2 | 61012 | AES Distributed Energy | IPP | AES Waiawa Phase 2 Solar | HI | 66066 | WAIPV | 30.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 30.0 |
| 2025 | 2 | 61060 | Cypress Creek Renewables | IPP | Soleil | TX | 67664 | SOLEI | 450.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 450.0 |
| 2025 | 2 | 65947 | Northern Orchard Solar PV, LLC | IPP | Northern Orchard Solar PV, LLC | CA | 67039 | NO1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2025 | 2 | 65947 | Northern Orchard Solar PV, LLC | IPP | Northern Orchard Solar PV, LLC | CA | 67039 | NOBAT | 92.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 92.0 |
| 2025 | 2 | 66080 | Prairie Solar, LLC (VA) | IPP | Prairie Solar, LLC (VA) | VA | 67219 | ENX21 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 2 | 64936 | San Jacinto Grid, LLC | IPP | San Jacinto Grid, LLC | CA | 65657 | HESJG | 65.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 65.0 |
| 2025 | 2 | 65535 | SunVest Solar LLC | IPP | SV CSG Bishop 1 LLC | IL | 67684 | BSHP1 | 2.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2025 | 2 | 18454 | Tampa Electric Co | Electric Utility | Wimauma Storage | FL | 66640 | BESS1 | 40.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2025 | 3 | 60798 | 69SV 8me LLC | IPP | Eland Solar & Storage Center, Phase 2 Hybrid | CA | 61169 | 61169 | 150.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2025 | 3 | 60798 | 69SV 8me LLC | IPP | Eland Solar & Storage Center, Phase 2 Hybrid | CA | 61169 | 69SV8 | 200.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 31 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 32 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 33 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 34 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 35 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 36 | 18.3 | Natural Gas Internal Combustion Engine | NG | IC | (V) Under construction, more than 50 percent complete | 18.8 |
| 2025 | 3 | 66064 | Bexar ESS, LLC | IPP | Bexar ESS | TX | 66400 | OCBEX | 100.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 3 | 65813 | CES Electron Farm One, LLC | IPP | CES Electron Farm One, LLC | CA | 66892 | CNFTI | 4.4 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.4 |
| 2025 | 3 | 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 |
| 2025 | 3 | 61060 | Cypress Creek Renewables | IPP | Gillard | IL | 67637 | GILLD | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 3 | 61060 | Cypress Creek Renewables | IPP | Kinglet | VA | 67647 | KINGL | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 3 | 66018 | Excel Advantage Services, LLC | IPP | Fagus Solar Park | TX | 67123 | MISII | 517.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 517.0 |
| 2025 | 3 | 6452 | Florida Power & Light Co | Electric Utility | Speckled Perch | FL | 65913 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2025 | 3 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Lobelia 1 | IL | 67256 | 811 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2025 | 3 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Tully 1 | IL | 67255 | 814 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2025 | 3 | 50123 | Leeward Asset Management, LLC | IPP | Ridgely Energy Farm | TN | 65445 | RBESS | 50.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2025 | 3 | 65789 | Marion County Solar Project, LLC | IPP | Marion County Solar Project | OH | 66860 | USMNC | 100.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 3 | 66316 | Northumberland Solar I, LLC | IPP | Northumberland Solar I | PA | 67675 | ENX33 | 65.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 65.0 |
| 2025 | 3 | 34691 | Ormat Nevada Inc | IPP | McGinness Hills 3 | NV | 61912 | MHSOL | 14.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 14.0 |
| 2025 | 3 | 64935 | Ortega Grid, LLC | IPP | Ortega Grid, LLC | CA | 65656 | HEORG | 20.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 20.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 3 | 66094 | Pleasant Valley Solar, LLC | IPP | Matrix Pleasant Valley | ID | 67211 | MRPV | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2025 | 3 | 5624 | RED-Rochester, LLC | Industrial | RED-Rochester, LLC | NY | 10025 | 49CTG | 36.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 42.0 |
| 2025 | 3 | 64587 | Renegade Renewables, LLC | IPP | Renegade Solar Project (Dawn) | TX | 65310 | DAWN1 | 515.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 515.0 |
| 2025 | 3 | 65959 | SL Sherman II, LLC | IPP | NY SHERMAN 191 W MAIN ST - SL 2 | NY | 67035 | 21109 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2025 | 3 | 65071 | SloughHouse Solar, LLC | IPP | SloughHouse Solar, LLC | CA | 65807 | SHS | 50.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2025 | 3 | 64994 | SolRiver Capital LLC | IPP | Canyonville Solar LLC (CSG) | OR | 66340 | PV1 | 2.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.5 |
| 2025 | 3 | 64994 | SolRiver Capital LLC | IPP | Longleaf Pine Solar LLC | NC | 66352 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2025 | 3 | 64994 | SolRiver Capital LLC | IPP | Williams Solar LLC | NC | 66356 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2025 | 3 | 65427 | Tidwell Prairie | IPP | Tidwell Prairie Storage 1 | TX | 66337 | SGES1 | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 3 | 66336 | Wild Plains Wind Project, LLC | IPP | WPWP | KS | 67722 | WPWP | 307.2 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 307.2 |
| 2025 | 4 | 61012 | AES Distributed Energy | IPP | AES Mountain View Solar | HI | 66002 | MVSBA | 7.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 7.0 |
| 2025 | 4 | 61012 | AES Distributed Energy | IPP | AES Mountain View Solar | HI | 66002 | MVSPV | 7.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 7.0 |
| 2025 | 4 | 65997 | Amite Solar, LLC | IPP | Amite Solar, LLC | LA | 67088 | AMITE | 100.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 4 | 65673 | Blackwell Test Facility, LLC | IPP | Blackwell Test Facility, LLC | CA | 66648 | BLKWL | 2.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2025 | 4 | 66279 | CHI NV Solar LLC | IPP | NV - Nokomis - CHI | NV | 67591 | CHINV | 3.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2025 | 4 | 56769 | Consolidated Edison Development Inc. | IPP | Peregrine Solar | TX | 65979 | PSPV | 300.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 300.0 |
| 2025 | 4 | 59774 | Crawfordsville Energy LLC | IPP | Crawfordsville Power Plant | IN | 1024 | 8 | 16.3 | Natural Gas Fired Combined Cycle | NG | CS | (T) Regulatory approvals received. Not under construction | 16.3 |
| 2025 | 4 | 9234 | Indiana Municipal Power Agency | Electric Utility | IMPA Tipton 2 Solar Park | IN | 66937 | TIPT2 | 2.7 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.7 |
| 2025 | 4 | 66317 | Kola Energy Storage, LLC | IPP | Kola Energy Center | CA | 67680 | KOLA | 400.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 400.0 |
| 2025 | 4 | 66321 | NY CDG Montgomery 1 LLC | IPP | NY FONDA 182 BOSHART RD - Montgomery 1 | NY | 67679 | 21601 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2025 | 4 | 65088 | Nighthawk Energy Storage, LLC | IPP | Nighthawk Energy Storage, LLC | CA | 65889 | BESS | 300.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2025 | 4 | 65081 | Oriana Solar LLC | IPP | Oriana Solar LLC | TX | 65849 | ORIPV | 180.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 180.0 |
| 2025 | 4 | 66304 | PFMD LL Baltimore LLC | IPP | MD BALTIMORE 4851 HOLABIRD AVE | MD | 67671 | 21376 | 1.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.8 |
| 2025 | 4 | 66348 | Silver State South Storage, LLC | IPP | Silver State South Storage | NV | 67734 | SSSB | 200.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2025 | 4 | 64778 | Strata Manager, LLC | IPP | Scatter Wash 1 | AZ | 67454 | SW1 | 170.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 170.0 |
| 2025 | 4 | 65535 | SunVest Solar LLC | IPP | SV CSG Plato Solar 1 LLC | IL | 67683 | PLATO | 4.3 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.3 |
| 2025 | 4 | 65082 | Talitha Energy Project, LLC | IPP | Talitha Energy Project, LLC | TX | 65891 | TALPV | 131.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 131.0 |
| 2025 | 4 | 65777 | Urban Grid Solar | IPP | Jones Farm Solar | MD | 66842 | JONF1 | 64.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 64.0 |
| 2025 | 4 | 64545 | Vesper Energy Development LLC | IPP | Hornet Solar (TX) | TX | 65463 | HRNET | 600.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 600.0 |
| 2025 | 4 | 65703 | Winfield Solar I, LLC | IPP | Winfield Solar | MO | 66696 | WINSP | 167.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 167.0 |
| 2025 | 5 | 64244 | 92JT 8me, LLC | IPP | Big Rock Solar Farm | CA | 64636 | 92JTB | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 5 | 796 | Arizona Electric Pwr Coop Inc | Electric Utility | Apache Station | AZ | 160 | GT5 | 37.9 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 41.4 |
| 2025 | 5 | 796 | Arizona Electric Pwr Coop Inc | Electric Utility | Apache Station | AZ | 160 | GT6 | 37.9 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 41.4 |
| 2025 | 5 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 05 | 210.2 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 245.7 |
| 2025 | 5 | 64435 | Beaver Creek Wind II, LLC | IPP | Beaver Creek II | MT | 65020 | BCW2 | 60.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 60.0 |
| 2025 | 5 | 64435 | Beaver Creek Wind II, LLC | IPP | Beaver Creek II | MT | 65020 | BCW2B | 20.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2025 | 5 | 64436 | Beaver Creek Wind III, LLC | IPP | Beaver Creek III | MT | 65021 | BCW3 | 60.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 60.0 |
| 2025 | 5 | 64436 | Beaver Creek Wind III, LLC | IPP | Beaver Creek III | MT | 65021 | BCW3B | 20.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2025 | 5 | 65936 | CPV Backbone Solar, LLC | IPP | CPV Backbone Solar | MD | 67022 | BB1 | 160.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 175.0 |
| 2025 | 5 | 65515 | Catalyze Moss Landing Hilltop Rd Microgrid, LLC | IPP | CA Moss Landing 3040 Hilltop Rd | CA | 66510 | 19616 | 1.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.2 |
| 2025 | 5 | 65515 | Catalyze Moss Landing Hilltop Rd Microgrid, LLC | IPP | CA Moss Landing 3040 Hilltop Rd | CA | 66510 | 19616 | 1.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.2 |
| 2025 | 5 | 65515 | Catalyze Moss Landing Hilltop Rd Microgrid, LLC | IPP | CA Moss Landing 3040 Hilltop Rd | CA | 66510 | B9616 | 1.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 1.0 |
| 2025 | 5 | 56769 | Consolidated Edison Development Inc. | IPP | Peregrine BESS 1 | TX | 66301 | PGBS1 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 5 | 56769 | Consolidated Edison Development Inc. | IPP | Peregrine BESS 2 | TX | 66302 | PGBS2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 5 | 66217 | Copia Power | IPP | Harquahala 2 | AZ | 67474 | BESS1 | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2025 | 5 | 66217 | Copia Power | IPP | Harquahala 2 | AZ | 67474 | PV1 | 150.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2025 | 5 | 62733 | Cranberry Point Energy Storage LLC | IPP | Cranberry Point Energy Storage | MA | 62844 | NA | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2025 | 5 | 61060 | Cypress Creek Renewables | IPP | Solitude | IL | 67643 | SOLIT | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 5 | 61060 | Cypress Creek Renewables | IPP | Towanda | IL | 67644 | TWNDA | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 5 | 61060 | Cypress Creek Renewables | IPP | Varnsen | IL | 67645 | TWNDA | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 5 | 66292 | Desert Willow Energy Storage | IPP | Desert Willow Energy Storage | TX | 67598 | DWES | 150.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 150.0 |
| 2025 | 5 | 9234 | Indiana Municipal Power Agency | Electric Utility | IMPA Veedersburg Solar Park | IN | 66938 | VEED | 1.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.4 |
| 2025 | 5 | 9417 | Interstate Power and Light Co | Electric Utility | Creston School Customer Hosted Solar | IA | 67702 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.4 |
| 2025 | 5 | 9417 | Interstate Power and Light Co | Electric Utility | Grinnell Customer Hosted Solar | IA | 67703 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2025 | 5 | 49893 | Invenergy Services LLC | IPP | Alle-Catt Wind Energy LLC | NY | 62954 | GEN1 | 340.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 340.0 |
| 2025 | 5 | 65920 | Kindle Energy LLC | IPP | Magnolia Power | LA | 67005 | MAGU1 | 678.7 | Natural Gas Fired Combined Cycle | NG | CS | (V) Under construction, more than 50 percent complete | 722.9 |
| 2025 | 5 | 66210 | Lane City Wind, LLC | IPP | Lane City Wind | TX | 67443 | LCW1 | 202.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 202.5 |
| 2025 | 5 | 65445 | MRG Goody Solar Project, LLC | IPP | MRG Goody Solar Project Hybrid | TX | 66390 | GDYES | 50.4 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.4 |
| 2025 | 5 | 65445 | MRG Goody Solar Project, LLC | IPP | MRG Goody Solar Project Hybrid | TX | 66390 | GDYPV | 171.7 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 171.7 |
| 2025 | 5 | 65081 | Oriana Solar LLC | IPP | Oriana Solar LLC | TX | 65849 | ORIBS | 61.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 61.0 |
| 2025 | 5 | 65751 | RE Papago LLC | IPP | Papago Energy Storage | AZ | 66779 | PPABA | 300.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 300.0 |
| 2025 | 5 | 65114 | Rocking R Solar, LLC | IPP | Rocking R Solar, LLC | LA | 65941 | RRS | 72.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 72.5 |
| 2025 | 5 | 17633 | Southern Indiana Gas & Elec Co | Electric Utility | A B Brown | IN | 6137 | 6 | 226.5 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 248.3 |
| 2025 | 5 | 17633 | Southern Indiana Gas & Elec Co | Electric Utility | A B Brown | IN | 6137 | 7 | 226.5 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 248.3 |
| 2025 | 5 | 17633 | Southern Indiana Gas & Elec Co | Electric Utility | Posey Solar | IN | 66780 | 1 | 173.1 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 191.0 |
| 2025 | 5 | 64778 | Strata Manager, LLC | IPP | Scatter Wash 2 | AZ | 67455 | SW2 | 85.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 85.0 |
| 2025 | 5 | 20847 | Wisconsin Electric Power Co | Electric Utility | Paris Solar | WI | 65967 | PSLR2 | 100.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 6 | 65759 | Ash Creek | IPP | Ash Creek Solar | TX | 66774 | 78663 | 408.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 408.9 |
| 2025 | 6 | 15399 | Avangrid Renewables LLC | IPP | Powell Creek Solar | OH | 65997 | PCS1 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 6 | 64787 | Axial Basin Solar LLC | IPP | Axial Basin Solar | CO | 65480 | CO505 | 145.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 145.0 |
| 2025 | 6 | 66061 | BQ Energy Development | IPP | Yeoman Creek | IL | 61910 | YEOM | 7.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 7.0 |
| 2025 | 6 | 64739 | Black Walnut Energy Storage LLC | IPP | Black Walnut Energy Storage LLC | CA | 65396 | BW1 | 15.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2025 | 6 | 65512 | Catalyze Bloomington 2551 S Lilac Avenue Microgrid LLC | IPP | CA Bloomington 2551 S Lilac Avenue Micro | CA | 66475 | 18263 | 1.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.5 |
| 2025 | 6 | 65512 | Catalyze Bloomington 2551 S Lilac Avenue Microgrid LLC | IPP | CA Bloomington 2551 S Lilac Avenue Micro | CA | 66475 | B8263 | 1.5 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2025 | 6 | 65559 | Catalyze Riverside 2356 Fleetwood Drive Microgrid LLC | IPP | CA Riverside 2356 Fleetwood Dr. | CA | 66511 | 18262 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2025 | 6 | 65559 | Catalyze Riverside 2356 Fleetwood Drive Microgrid LLC | IPP | CA Riverside 2356 Fleetwood Dr. | CA | 66511 | B8262 | 2.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 2.0 |
| 2025 | 6 | 4254 | Consumers Energy Co - (MI) | Electric Utility | Muskegon Solar | MI | 65572 | MSP | 250.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2025 | 6 | 58970 | Ecoplexus, Inc | IPP | Grifton PV2 | NC | 63568 | GRFT2 | 56.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 56.0 |
| 2025 | 6 | 65762 | Elevate Middletown, LLC | IPP | Elevate Middletown | CT | 66786 | ELVMT | 275.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 275.0 |
| 2025 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | CA1 | 249.9 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 265.2 |
| 2025 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | GT1 | 226.7 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 238.9 |
| 2025 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | GT2 | 226.7 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 238.9 |
| 2025 | 6 | 63524 | Freepoint Commodities LLC | IPP | Raceway Solar | DE | 63846 | RACE | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2025 | 6 | 65761 | GB Arthur Kill Storage LLC | IPP | Elevate Arthur Kill | NY | 66785 | ELVAK | 15.1 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 15.1 |
| 2025 | 6 | 65961 | Grimes County Solar Project, LLC | IPP | Grimes County Solar | TX | 67046 | GS1 | 210.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 210.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 6 | 64970 | Hecate Grid Humidor Storage 1 LLC | IPP | Humidor Storage I | CA | 65703 | HEHUM | 300.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2025 | 6 | 64476 | Hope Solar One, LLC | IPP | Hope Solar One | RI | 65060 | VCP02 | 3.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.5 |
| 2025 | 6 | 66070 | Hornshadow Solar II, LLC | IPP | Hornshadow Solar II, LLC | UT | 67511 | HS2ES | 50.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2025 | 6 | 66070 | Hornshadow Solar II, LLC | IPP | Hornshadow Solar II, LLC | UT | 67511 | HS2L | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 6 | 66059 | Hornshadow Solar, LLC | IPP | Hornshadow Solar, LLC | UT | 67497 | HSESS | 25.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 25.0 |
| 2025 | 6 | 66059 | Hornshadow Solar, LLC | IPP | Hornshadow Solar, LLC | UT | 67497 | HSL | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 6 | 61001 | Hu Honua Bioenergy, LLC | IPP | Hu Honua Bioenergy Facility | HI | 61364 | HHB | 32.0 | Other Waste Biomass | OBS | ST | (V) Under construction, more than 50 percent complete | 36.0 |
| 2025 | 6 | 65792 | IIT Energy Tech Partners, LLC | Commercial | ITT Cogen Facility | IL | 52021 | GEN3 | 4.1 | Natural Gas Internal Combustion Engine | NG | IC | (P) Planned for installation, but regulatory approvals not initiated | 4.1 |
| 2025 | 6 | 65792 | IIT Energy Tech Partners, LLC | Commercial | ITT Cogen Facility | IL | 52021 | GEN4 | 4.1 | Natural Gas Internal Combustion Engine | NG | IC | (P) Planned for installation, but regulatory approvals not initiated | 4.1 |
| 2025 | 6 | 9191 | Idaho Power Co | Electric Utility | Happy Valley Battery Storage | ID | 67573 | HPVY | 82.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 82.0 |
| 2025 | 6 | 9234 | Indiana Municipal Power Agency | Electric Utility | IMPA Winamac Solar Park | IN | 66939 | WINA | 3.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 3.3 |
| 2025 | 6 | 66265 | Kuna BESS, LLC | IPP | Kuna BESS | ID | 67549 | 1 | 150.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2025 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Union Ridge Solar | OH | 65338 | UNIS1 | 108.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 108.0 |
| 2025 | 6 | 63576 | MEC North | IPP | MEC North | MI | 63911 | MECN | 500.0 | Natural Gas Fired Combined Cycle | NG | CS | (T) Regulatory approvals received. Not under construction | 500.0 |
| 2025 | 6 | 63577 | MEC South | IPP | MEC South | MI | 63912 | MECS | 500.0 | Natural Gas Fired Combined Cycle | NG | CS | (L) Regulatory approvals pending. Not under construction | 500.0 |
| 2025 | 6 | 65627 | NRG THW GT LLC | IPP | NRG THW GT Electric Generating Station | TX | 66601 | GT61 | 204.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 188.7 |
| 2025 | 6 | 65627 | NRG THW GT LLC | IPP | NRG THW GT Electric Generating Station | TX | 66601 | GT62 | 204.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 188.7 |
| 2025 | 6 | 13902 | NorthWestern Energy (MT Hydro) | Electric Utility | Hauser | MT | 2185 | HAU10 | 3.5 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 3.5 |
| 2025 | 6 | 58489 | OCI Solar Power | IPP | OCI SunRoper | TX | 65893 | OCIES | 260.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 260.0 |
| 2025 | 6 | 58489 | OCI Solar Power | IPP | OCI SunRoper | TX | 65893 | OCIRO | 260.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 260.0 |
| 2025 | 6 | 15248 | Portland General Electric Co | Electric Utility | Seaside BESS | OR | 67711 | SESD1 | 200.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2025 | 6 | 66019 | SR Blount, LLC | IPP | SR Blount, LLC | TN | 67124 | BLOUN | 1.5 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.5 |
| 2025 | 6 | 64387 | Sandy Creek Solar LLC | IPP | Sandy Creek Solar | NY | 64913 | GEN1 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 6 | 66226 | Serrano Solar, LLC | IPP | Serrano | AZ | 67503 | GEN01 | 170.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 170.0 |
| 2025 | 6 | 66226 | Serrano Solar, LLC | IPP | Serrano | AZ | 67503 | GEN02 | 213.8 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 213.8 |
| 2025 | 6 | 64994 | SolRiver Capital LLC | IPP | Rhubarb One SC | SC | 59596 | PV1 | 9.6 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 9.6 |
| 2025 | 6 | 66095 | Stillhouse Solar LLC | IPP | OCI Stillhouse Solar | TX | 65894 | OCISS | 210.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 210.0 |
| 2025 | 6 | 66152 | Sun Streams Expansion, LLC | IPP | Sun Streams 4 | AZ | 67291 | GEN01 | 300.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 300.0 |
| 2025 | 6 | 66152 | Sun Streams Expansion, LLC | IPP | Sun Streams 4 | AZ | 67291 | GEN02 | 300.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 300.0 |
| 2025 | 6 | 65815 | Sunraycer Assets I LLC | IPP | Albatross Solar, LLC | TX | 66894 | ALBBA | 50.4 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.4 |
| 2025 | 6 | 65815 | Sunraycer Assets I LLC | IPP | Albatross Solar, LLC | TX | 66894 | ALBPV | 101.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 101.0 |
| 2025 | 6 | 63626 | Two Rivers Wind LLC | IPP | Two Rivers Wind Facility | WY | 63972 | TR1 | 6.1 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 6.1 |
| 2025 | 6 | 65173 | United States Solar Corporation | IPP | USS Golden Spike Solar LLC | MN | 67546 | USGSP | 1.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 1.0 |
| 2025 | 6 | 65777 | Urban Grid Solar | IPP | Egypt Road Solar | MD | 66840 | EGYR1 | 51.1 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 51.1 |
| 2025 | 6 | 64457 | VCP, LLC d/b/a Verogy | IPP | Woodstock Solar One | CT | 65139 | VCP19 | 3.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2025 | 6 | 64545 | Vesper Energy Development LLC | IPP | TX Nazareth Solar | TX | 67575 | NZRTH | 201.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 201.0 |
| 2025 | 6 | 66320 | White Tail Solar, LLC | IPP | White Tail Solar | MI | 67678 | WTS | 140.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 140.0 |
| 2025 | 6 | 65329 | Yaupon Solar, LLC | IPP | Yaupon Solar Project (Hybrid) | TX | 66216 | BESS | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 6 | 65329 | Yaupon Solar, LLC | IPP | Yaupon Solar Project (Hybrid) | TX | 66216 | SOL | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 7 | 61012 | AES Distributed Energy | IPP | Glen Canyon Solar A, LLC | UT | 66484 | GCA | 95.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 95.0 |
| 2025 | 7 | 11135 | City of Logan - (UT) | Electric Utility | Logan City 2 | UT | 67445 | 1 | 2.5 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2025 | 7 | 11135 | City of Logan - (UT) | Electric Utility | Logan City 2 | UT | 67445 | 2 | 2.5 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2025 | 7 | 13157 | City of Omaha | Commercial | Papillion Creek Wastewater | NE | 55027 | 1600C | 2.4 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 2.5 |
| 2025 | 7 | 13157 | City of Omaha | Commercial | Papillion Creek Wastewater | NE | 55027 | 1600D | 2.4 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 2.5 |
| 2025 | 7 | 61060 | Cypress Creek Renewables | IPP | Bear Ridge | NY | 67650 | BEARR | 93.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 93.0 |
| 2025 | 7 | 61060 | Cypress Creek Renewables | IPP | Leatherleaf | NY | 67639 | LLEAF | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 7 | 17539 | Dominion Energy South Carolina, Inc | Electric Utility | Parr GT | SC | 3291 | GT5 | 40.3 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 65.4 |
| 2025 | 7 | 17539 | Dominion Energy South Carolina, Inc | Electric Utility | Parr GT | SC | 3291 | GT6 | 40.3 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 65.4 |
| 2025 | 7 | 65096 | Hatchery Solar, LLC | IPP | Hatchery Solar | NY | 65901 | 6 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 7 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Intermountain Power Project | UT | 6481 | 3 | 420.0 | Natural Gas Fired Combined Cycle | NG | CS | (P) Planned for installation, but regulatory approvals not initiated | 420.0 |
| 2025 | 7 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Intermountain Power Project | UT | 6481 | 4 | 420.0 | Natural Gas Fired Combined Cycle | NG | CS | (P) Planned for installation, but regulatory approvals not initiated | 420.0 |
| 2025 | 7 | 64684 | Mulligan Solar | IPP | Mulligan Solar, LLC | IL | 65349 | MLGA2 | 40.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2025 | 7 | 58489 | OCI Solar Power | IPP | OCI Lone Sun | TX | 66399 | OCILS | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 7 | 64953 | Putnam Meadow Solar Station, LLC | IPP | Putnam Meadow Solar Station | CT | 65710 | PTNM | 4.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.0 |
| 2025 | 7 | 65079 | Solar Proponent LLC | IPP | Flag City Solar | TX | 65844 | FCSPV | 167.3 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 167.3 |
| 2025 | 7 | 65079 | Solar Proponent LLC | IPP | Lunis Creek Solar and BESS SLF | TX | 65852 | LUNBS | 621.4 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 621.4 |
| 2025 | 7 | 65079 | Solar Proponent LLC | IPP | Lunis Creek Solar and BESS SLF | TX | 65852 | LUNPV | 617.1 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 617.1 |
| 2025 | 7 | 65079 | Solar Proponent LLC | IPP | Tehuacana Creek 1 Solar and BESS | TX | 65855 | TE1BS | 418.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 418.0 |
| 2025 | 7 | 65079 | Solar Proponent LLC | IPP | Tehuacana Creek 1 Solar and BESS | TX | 65855 | TE1PV | 836.8 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 836.8 |
| 2025 | 7 | 66076 | Sun Ridge Solar, LLC | IPP | Sun Ridge Solar, LLC | VA | 67215 | ENX25 | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2025 | 7 | 62936 | TREX US Red Holly LLC | IPP | TREX US Red Holly | TX | 63202 | 701-S | 50.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 50.0 |
| 2025 | 7 | 18454 | Tampa Electric Co | Electric Utility | South Tampa Resiliency Project | FL | 66920 | MPS01 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 7 | 18454 | Tampa Electric Co | Electric Utility | South Tampa Resiliency Project | FL | 66920 | MPS02 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 7 | 18454 | Tampa Electric Co | Electric Utility | South Tampa Resiliency Project | FL | 66920 | MPS03 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (T) Regulatory approvals received. Not under construction | 18.8 |
| 2025 | 7 | 18454 | Tampa Electric Co | Electric Utility | South Tampa Resiliency Project | FL | 66920 | MPS04 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (T) Regulatory approvals received. Not under construction | 18.8 |
| 2025 | 7 | 57313 | Tesla Inc. | Industrial | Austin TX GigaFactory | TX | 65070 | A04 | 2.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.3 |
| 2025 | 7 | 64808 | Verizon Communications | IPP | Verizon Comms Garage Top Solar Project | CA | 65507 | VCGSP | 2.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.3 |
| 2025 | 7 | 63492 | West River Solar, LLC | IPP | West River Solar, LLC | NC | 63806 | PGR28 | 40.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2025 | 8 | 64842 | Baron Winds II | IPP | Baron Winds II | NY | 65513 | BRNW2 | 113.2 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 113.2 |
| 2025 | 8 | 66107 | Carne Energy Storage, LLC | IPP | Carne Energy Storage, LLC | NM | 67230 | CS | 130.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 130.0 |
| 2025 | 8 | 11135 | City of Logan - (UT) | Electric Utility | Logan City 2 | UT | 67445 | 3 | 2.5 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2025 | 8 | 11135 | City of Logan - (UT) | Electric Utility | Logan City 2 | UT | 67445 | 4 | 2.5 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2025 | 8 | 65639 | Cross Town Energy Storage LLC | IPP | Cross Town Energy Storage | ME | 66606 | CROS1 | 175.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 175.0 |
| 2025 | 8 | 6455 | Duke Energy Florida, LLC | Electric Utility | Sundance Renewable Energy Center | FL | 67692 | 68049 | 74.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.9 |
| 2025 | 8 | 62856 | Forefront Power, LLC | IPP | CA-Ventura County CCD-Ventura College | CA | 65527 | 17024 | 2.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.5 |
| 2025 | 8 | 65476 | Gransolar Texas Eight, LLC | IPP | Tokio Solar | TX | 66397 | TOKIO | 158.1 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 175.0 |
| 2025 | 8 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Cherry Valley | IL | 67253 | 761 | 12.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 12.5 |
| 2025 | 8 | 63832 | Hecate Energy Harley Hand Solar LLC | IPP | Hecate Energy Harley Hand Solar LLC | TX | 64234 | 19936 | 514.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 514.0 |
| 2025 | 8 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Big Elk Solar | NE | 66113 | NEBE1 | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G1 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G10 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G2 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G3 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G4 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G5 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G6 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G7 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G8 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Maxwell Peaker Plant | TX | 66335 | G9 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 18.8 |
| 2025 | 8 | 66141 | Solar PV Development NM 18 II LLC | IPP | Solar PV Development NM 18 II LLC | NM | 67260 | SPD | 130.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 130.0 |
| 2025 | 8 | 65815 | Sunraycer Assets I LLC | IPP | Midpoint Solar, LLC | TX | 66897 | MIDBA | 52.2 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 52.2 |
| 2025 | 8 | 65815 | Sunraycer Assets I LLC | IPP | Midpoint Solar, LLC | TX | 66897 | MIDPV | 104.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 104.0 |
| 2025 | 8 | 62650 | Victorville Energy Center, LLC | Industrial | Victorville Energy Center, LLC (CA) | CA | 62726 | 1 | 20.1 | All Other | WH | ST | (P) Planned for installation, but regulatory approvals not initiated | 20.1 |
| 2025 | 8 | 65165 | ibV Energy Partners | IPP | Boulder Flats Solar | NV | 65977 | BF1PV | 131.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 113.0 |
| 2025 | 9 | 64172 | Arevon Asset Management | IPP | Elliot Solar LLC | IN | 64904 | 1 | 200.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2025 | 9 | 63965 | Badger Wind , LLC | IPP | Badger Wind, LLC | ND | 64342 | 5555 | 250.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 250.0 |
| 2025 | 9 | 64858 | Balanced Rock Power, LLC | IPP | Windhub Solar B, LLC | CA | 59969 | GEN01 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2025 | 9 | 64434 | Beaver Creek Wind I, LLC | IPP | Beaver Creek Wind Facility | MT | 65019 | BCW1 | 50.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2025 | 9 | 64434 | Beaver Creek Wind I, LLC | IPP | Beaver Creek Wind Facility | MT | 65019 | BCW1B | 30.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2025 | 9 | 64437 | Beaver Creek Wind IV, LLC | IPP | Beaver Creek IV | MT | 65023 | BCW4 | 50.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 50.0 |
| 2025 | 9 | 64437 | Beaver Creek Wind IV, LLC | IPP | Beaver Creek IV | MT | 65023 | BCW4B | 30.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 30.0 |
| 2025 | 9 | 66053 | Beehive Energy Storage, LLC | IPP | Beehive Energy Storage | AZ | 67184 | BHV1 | 250.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 250.0 |
| 2025 | 9 | 63421 | Biggs Ford Solar Center, LLC | IPP | Biggs Ford Solar Center | MD | 61321 | BFSC | 15.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2025 | 9 | 65102 | Clear View Solar, LLC | IPP | Clear View Solar | NY | 65931 | 3 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 9 | 65982 | Flat Fork Solar, LLC | IPP | Flat Fork Solar | AR | 67076 | FFOR1 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 9 | 61421 | LeGore Bridge Solar Center, LLC | IPP | LeGore Bridge Solar Center | MD | 61796 | LGBSC | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2025 | 9 | 12796 | Monongahela Power Co | Electric Utility | Wylie Ridge Solar | WV | 66901 | WRS | 8.4 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 8.4 |
| 2025 | 9 | 64674 | Noria Hondo Solar LLC | IPP | Noria Hondo Solar (Hybrid) | TX | 65344 | 66148 | 145.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 145.0 |
| 2025 | 9 | 64674 | Noria Hondo Solar LLC | IPP | Noria Hondo Solar (Hybrid) | TX | 65344 | 66149 | 75.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 75.0 |
| 2025 | 9 | 66027 | Orsted Wind Power North America LLC | IPP | Revolution Wind | RI | 65500 | REVWD | 715.0 | Offshore Wind Turbine | WND | WS | (L) Regulatory approvals pending. Not under construction | 715.0 |
| 2025 | 9 | 65777 | Urban Grid Solar | IPP | Spring Grove Solar 2 | VA | 66844 | SPRG2 | 194.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2025 | 9 | 5504 | Vistra Corp | IPP | Newton Solar BESS LLC | IL | 65401 | BA | 2.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2025 | 9 | 5504 | Vistra Corp | IPP | Newton Solar BESS LLC | IL | 65401 | PV | 52.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 52.0 |
| 2025 | 10 | 64904 | AES Clean Energy | IPP | Baldy Mesa Solar & Storage | CA | 66598 | BDMSS | 75.0 | Batteries | MWH | BA | (V) Under construction, more than 50 percent complete | 75.0 |
| 2025 | 10 | 64904 | AES Clean Energy | IPP | Baldy Mesa Solar & Storage | CA | 66598 | BLDMS | 150.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 150.0 |
| 2025 | 10 | 15399 | Avangrid Renewables LLC | IPP | Mohawk Solar | NY | 64253 | S1 | 90.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 90.5 |
| 2025 | 10 | 56769 | Consolidated Edison Development Inc. | IPP | Burt County Wind | NE | 61511 | BCNE | 75.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 75.0 |
| 2025 | 10 | 56769 | Consolidated Edison Development Inc. | IPP | Switchgrass Solar, LLC | VA | 66124 | SSPV | 70.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 70.0 |
| 2025 | 10 | 61785 | EDP Renewables North America LLC | IPP | Saddle Mountain East Wind Farm | WA | 62263 | GEN1 | 126.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 126.0 |
| 2025 | 10 | 5701 | El Paso Electric Co | Electric Utility | Felina | TX | 67177 | PV150 | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 153.0 |
| 2025 | 10 | 65103 | Highbanks Solar, LLC | IPP | Highbanks Solar | NY | 65934 | 7 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 10 | 49805 | Kennecott Utah Copper | Industrial | Copperton Solar Plant No. 1 | UT | 64427 | CSP2 | 11.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 25.0 |
| 2025 | 10 | 65871 | MPW Solar 1, LLC | IPP | MPW Solar 1 | IA | 66978 | MS1 | 24.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 24.0 |
| 2025 | 10 | 66250 | Milagro Solar I, LLC | IPP | Milagro Solar I | NM | 67528 | MLRBS | 75.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 75.0 |
| 2025 | 10 | 66250 | Milagro Solar I, LLC | IPP | Milagro Solar I | NM | 67528 | MLRPV | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2025 | 10 | 65550 | Nova Power, LLC | IPP | Menifee Power Bank | CA | 66494 | NOVA5 | 55.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 60.0 |
| 2025 | 10 | 64581 | OE_FL10 | IPP | OE_FL10 | FL | 65290 | OFL10 | 74.9 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.9 |
| 2025 | 10 | 66002 | Pastoria Solar Energy Company, LLC | IPP | Pastoria Solar | CA | 67105 | CPP01 | 105.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 105.2 |
| 2025 | 10 | 65124 | Plum Nellie Wind Farm LLC | IPP | Plum Nellie Wind Farm LLC | KS | 65948 | PNW01 | 201.6 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 201.6 |
| 2025 | 10 | 66169 | Pluto Energy Storage, LLC | IPP | Pluto Energy Storage | AZ | 67328 | PLUTO | 75.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 75.0 |
| 2025 | 10 | 63599 | Pure Hedge LLC | IPP | Pure Hedge LLC | CT | 50736 | FSS13 | 20.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2025 | 10 | 63599 | Pure Hedge LLC | IPP | Pure Hedge LLC | CT | 50736 | FSS17 | 70.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 70.0 |
| 2025 | 10 | 64347 | Silver Queen Wind Farm, LLC | IPP | Silver Queen Wind Farm | IA | 64835 | NA | 252.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 252.0 |
| 2025 | 10 | 65179 | SolarGen of South Carolina, LLC | IPP | Brogdon Family Solar Park | SC | 66012 | BROGD | 65.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 65.0 |
| 2025 | 10 | 61525 | TAI Norton Solar LLC | IPP | Norton Solar Farm | TX | 61967 | NSM01 | 125.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 125.0 |
| 2025 | 10 | 65562 | TJA Off South Main St. Lanesboro, LLC | IPP | MA Lanesboro S. Main St. | MA | 66514 | 18233 | 4.2 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 4.2 |
| 2025 | 10 | 65562 | TJA Off South Main St. Lanesboro, LLC | IPP | MA Lanesboro S. Main St. | MA | 66514 | B8233 | 2.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2025 | 10 | 58113 | Texas A&M, Utilities & Energy Services | Commercial | Central Utility Plant - Texas A&M | TX | 58151 | STG03 | 5.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2025 | 10 | 63140 | Three Rivers Solar Power, LLC | IPP | Three Rivers Solar Power, LLC | ME | 63386 | 3RIVS | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2025 | 10 | 63726 | Vistra Zero LLC | IPP | Forest Grove - Dodd | TX | 64131 | ESS1 | 1.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 1.0 |
| 2025 | 11 | 60796 | 91MC 8me LLC | IPP | Aratina Solar Center 1 Hybrid | CA | 61167 | 91MC8 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 11 | 60796 | 91MC 8me LLC | IPP | Aratina Solar Center 1 Hybrid | CA | 61167 | BESS | 125.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 125.0 |
| 2025 | 11 | 65691 | Branch Solar, LLC | IPP | Branch Solar Project | MI | 66697 | BS1 | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2025 | 11 | 66174 | Carvers Creek, LLC | IPP | Carvers Creek Solar | VA | 67342 | CARV2 | 99.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 99.0 |
| 2025 | 11 | 64524 | East Windsor Solar Two, LLC | IPP | East Windsor Solar Two | CT | 65149 | VCP05 | 4.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 4.0 |
| 2025 | 11 | 63966 | Emerick Wind, LLC | IPP | Emerick Wind | NE | 64344 | 9999 | 396.3 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 396.3 |
| 2025 | 11 | 65981 | Forgeview Solar, LLC | IPP | Forgeview Solar | AR | 67075 | FFOR1 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2025 | 11 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Kern Front | CA | 67691 | 731 | 18.9 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 18.9 |
| 2025 | 11 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Jones City 1 Solar | TX | 66559 | TXJC1 | 215.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 215.0 |
| 2025 | 11 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Trinity River Solar 1 | TX | 66132 | TXTR1 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 11 | 55983 | Luminant Generation Company LLC | IPP | Jayhawk | TX | 59806 | SOLAR | 101.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 101.0 |
| 2025 | 11 | 17470 | PUD No 1 of Snohomish County | Electric Utility | Arlington Battery Energy Storage System | WA | 67669 | ABESS | 25.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 25.0 |
| 2025 | 11 | 64169 | Prairie Solar LLC | IPP | Prairie Solar LLC | IL | 64536 | KOV4A | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2025 | 11 | 66087 | Quail Ranch Solar and Battery Energy Storage System | IPP | Quail Ranch Solar and BESS | NM | 67204 | QRBES | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 11 | 66087 | Quail Ranch Solar and Battery Energy Storage System | IPP | Quail Ranch Solar and BESS | NM | 67204 | QRPV | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 11 | 58846 | Southeast Renewable Fuels, LLC | Industrial | SRF Pulp Processing Facility | FL | 58997 | G1001 | 20.0 | Wood/Wood Waste Biomass | WDS | ST | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2025 | 11 | 64952 | Turner Meadow Solar Station, LLC | IPP | Turner Meadow Solar Station | ME | 65709 | TRNR | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2025 | 11 | 65777 | Urban Grid Solar | IPP | Morgnec Solar | MD | 66843 | MORG1 | 55.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 55.8 |
| 2025 | 12 | 61222 | 174 Power Global Corp. | IPP | Boulder Solar III LLC | NV | 65141 | BS301 | 127.9 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 127.9 |
| 2025 | 12 | 61222 | 174 Power Global Corp. | IPP | Boulder Solar III LLC | NV | 65141 | BS3ES | 58.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 58.0 |
| 2025 | 12 | 63805 | 50LW 8me LLC | IPP | Bellefield Solar and Energy Storage Farm | CA | 64210 | 50LWA | 500.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2025 | 12 | 63805 | 50LW 8me LLC | IPP | Bellefield Solar and Energy Storage Farm | CA | 64210 | 50LWB | 500.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2025 | 12 | 59496 | ALLETE Clean Energy | IPP | Whitetail Wind Farm | WI | 67379 | 1 | 67.2 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 67.2 |
| 2025 | 12 | 63004 | Abundant Solar Power Inc. | IPP | USNY - Markham Hollow Rd - 001 | NY | 67223 | SUNYF | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 15399 | Avangrid Renewables LLC | IPP | Pontotoc Wind | OK | 67224 | 20101 | 147.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 147.5 |
| 2025 | 12 | 15399 | Avangrid Renewables LLC | IPP | Sunset Solar | OR | 65326 | SS1 | 103.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 103.0 |
| 2025 | 12 | 65824 | BT Hickerson Solar, LLC | IPP | BT Hickerson Solar, LLC | TX | 66903 | 5105 | 310.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 310.0 |
| 2025 | 12 | 61818 | CC Polymers LLC | Industrial | M&G Resins USA | TX | 60642 | 1 | 11.7 | All Other | WH | OT | (U) Under construction, less than or equal to 50 percent complete | 14.3 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 12 | 61818 | CC Polymers LLC | Industrial | M&G Resins USA | TX | 60642 | 2 | 11.7 | All Other | WH | OT | (U) Under construction, less than or equal to 50 percent complete | 14.3 |
| 2025 | 12 | 63677 | Caden Energix New Kent, LLC | IPP | Caden Energix New Kent, LLC | VA | 64036 | ENX08 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2025 | 12 | 64578 | Caden Energix Piney River LLC | IPP | Caden Energix Piney River LLC | VA | 65286 | ENX18 | 50.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 50.0 |
| 2025 | 12 | 65870 | Carol Wind, LLC | IPP | Carol Wind, LLC | TX | 66976 | WAPPA | 167.8 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 167.8 |
| 2025 | 12 | 66211 | Cherrywood Solar, LLC | IPP | Cherrywood Solar I | MD | 67444 | 6794 | 145.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 145.0 |
| 2025 | 12 | 64934 | Chiquito Grid, LLC | IPP | Chiquito Grid, LLC | CA | 65655 | HECHQ | 80.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2025 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 7 BESS 1 | TX | 66297 | A7BS1 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 7 BESS 2 | TX | 66298 | A7BS2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Arlington Valley Solar Energy I | AZ | 57679 | AVSE1 | 125.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 127.0 |
| 2025 | 12 | 61978 | Convergent Energy and Power LP | IPP | Bensonhurst Energy Storage 1 LLC | NY | 66497 | BHBA1 | 5.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2025 | 12 | 64369 | Coyote Gulch Solar LLC | IPP | Coyote Gulch Solar | CO | 64857 | C0513 | 140.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 140.0 |
| 2025 | 12 | 61060 | Cypress Creek Renewables | IPP | Berkman Storage | TX | 67651 | BERK | 100.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 12 | 61060 | Cypress Creek Renewables | IPP | Third Coast BESS, LLC | TX | 67667 | 3COAS | 100.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 12 | 5109 | DTE Electric Company | Electric Utility | Wheeler Center Solar Park | MI | 65327 | WCTSP | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 61951 | Dodge County Wind, LLC | IPP | Dodge County Wind | MN | 62437 | WT | 252.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 260.0 |
| 2025 | 12 | 65516 | ECG Utah Solar1, LLC | IPP | Utah Solar 1 | UT | 66426 | 1EUS | 300.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2025 | 12 | 58970 | Ecoplexus, Inc | IPP | CSP Solano | CA | 65181 | CSLNO | 5.1 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.1 |
| 2025 | 12 | 58970 | Ecoplexus, Inc | IPP | Westminister NC | NC | 63567 | WSMTR | 75.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 75.0 |
| 2025 | 12 | 65672 | Elkhart County Solar Project, LLC | IPP | Elkhart County Solar Project | IN | 66647 | USELT | 100.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2025 | 12 | 66185 | Erath County Solar LLC | IPP | Erath County Solar | TX | 67353 | 4666 | 204.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 204.0 |
| 2025 | 12 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | CA1 | 249.9 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 265.2 |
| 2025 | 12 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | GT1 | 226.7 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 238.9 |
| 2025 | 12 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | GT2 | 226.7 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 238.9 |
| 2025 | 12 | 64174 | FPS Cedar Creek Solar LLC | IPP | Cedar Creek Solar | DE | 64543 | 1 | 114.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 114.0 |
| 2025 | 12 | 64176 | FPS Potic Solar LLC | IPP | Potic Solar | NY | 64541 | 1 | 4.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.9 |
| 2025 | 12 | 66266 | Form Energy Inc. | IPP | East Road Storage Project | CA | 67565 | CEC01 | 5.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2025 | 12 | 63524 | Freepoint Commodities LLC | IPP | Shaftsbury Solar | VT | 64064 | SHAFT | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 66186 | Funston Solar, LLC | IPP | Funston Solar | TX | 67359 | 4666 | 204.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 204.0 |
| 2025 | 12 | 65586 | GEG PA Solar LLC | IPP | Goonies Solar Project | PA | 66547 | GOONS | 106.7 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 194.0 |
| 2025 | 12 | 65740 | Genesee Solar Energy, LLC | IPP | Genesee Solar Project | MI | 66756 | GS1 | 50.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 51.0 |
| 2025 | 12 | 61166 | Green Power Energy LLC | IPP | Cody Road Wind Farm | NY | 61592 | WT1 | 2.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 2.4 |
| 2025 | 12 | 61166 | Green Power Energy LLC | IPP | Cody Road Wind Farm | NY | 61592 | WT2 | 2.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 2.4 |
| 2025 | 12 | 61166 | Green Power Energy LLC | IPP | Cody Road Wind Farm | NY | 61592 | WT3 | 2.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 2.4 |
| 2025 | 12 | 61166 | Green Power Energy LLC | IPP | Cody Road Wind Farm | NY | 61592 | WT4 | 2.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 2.4 |
| 2025 | 12 | 61166 | Green Power Energy LLC | IPP | Cody Road Wind Farm | NY | 61592 | WT5 | 2.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 2.4 |
| 2025 | 12 | 65741 | Hart Solar Partners, LLC | IPP | Hart Solar Project | MI | 66778 | HS1 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 104.0 |
| 2025 | 12 | 63782 | Hecate Energy Cider Solar LLC | IPP | Hecate Energy Cider Solar LLC | NY | 64163 | 11111 | 500.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2025 | 12 | 65483 | Hecate Energy Ramsey Storage, LLC | IPP | Hecate Energy Ramsey Storage | TX | 66414 | RMSY | 500.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2025 | 12 | 65485 | Hecate Grid East Valley Storage, LLC | IPP | Hecate Grid East Valley Storage | TX | 66411 | RMSY | 255.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 255.0 |
| 2025 | 12 | 62765 | High Bridge Wind, LLC | IPP | High Bridge Wind Project | NY | 62894 | HBBSF | 7.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 7.0 |
| 2025 | 12 | 62765 | High Bridge Wind, LLC | IPP | High Bridge Wind Project | NY | 62894 | WT | 103.2 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 103.2 |
| 2025 | 12 | 65701 | Horsepen Branch Solar | IPP | Horsepen Branch Solar | VA | 66695 | HRSPN | 25.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 25.0 |
| 2025 | 12 | 63137 | Idemitsu Renewables | IPP | Azalea (CA) | CA | 66890 | AZAL | 60.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2025 | 12 | 49893 | Invenergy Services LLC | IPP | Crescent Valley Solar | NV | 62888 | GEN1 | 149.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 149.0 |
| 2025 | 12 | 49893 | Invenergy Services LLC | IPP | Horseshoe Solar Energy | NY | 63096 | GEN1 | 180.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 180.0 |
| 2025 | 12 | 49893 | Invenergy Services LLC | IPP | Lovelock Solar | NV | 62934 | GEN1 | 190.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 190.0 |
| 2025 | 12 | 65967 | Iron Belt Energy Storage Project, LLC | IPP | Iron Belt | TX | 67059 | 1 | 400.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 400.0 |
| 2025 | 12 | 10071 | Kauai Island Utility Cooperative | Electric Utility | KRS I Anahola Solar Hybrid | HI | 58639 | BESS8 | 12.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 12.0 |
| 2025 | 12 | 10071 | Kauai Island Utility Cooperative | Electric Utility | KRS II Koloa Solar | HI | 58640 | BESS7 | 12.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 12.0 |
| 2025 | 12 | 65739 | Lake Iris Solar, LLC | IPP | Lake Iris Solar Project | MI | 66745 | LIS1 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 107.7 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Barilla Solar | TX | 58710 | BARBA | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Blackford Solar | IN | 66960 | BLKSL | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Blackford Wind | IN | 66968 | BFW00 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Cradle Solar | TX | 65822 | CRAS0 | 225.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 225.0 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Northern Prairie 1 | WI | 66958 | NOPR1 | 101.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 101.0 |
| 2025 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Rose Gold Solar | IN | 65471 | RGS01 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Mayapple Solar 1 | IN | 66138 | INMA1 | 224.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 224.0 |
| 2025 | 12 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Sycamore Trail Solar | PA | 66196 | PAST1 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 63756 | Lily Pond Solar, LLC | IPP | Lily Pond Solar, LLC | VA | 64134 | ENX09 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2025 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT1 | 2.6 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 2.6 |
| 2025 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT2 | 2.6 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 2.6 |
| 2025 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT3 | 2.6 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 2.6 |
| 2025 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT4 | 2.6 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 2.6 |
| 2025 | 12 | 63467 | Naturgy Candela DevCo LLC | IPP | Mark Center Solar Project | OH | 65050 | MRC1 | 90.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 90.0 |
| 2025 | 12 | 66234 | Nexus Renewables U.S. Inc. | IPP | Bell Creek BESS LLC | TX | 67535 | ASHU1 | 200.9 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.9 |
| 2025 | 12 | 63501 | Panther Grove Wind, LLC | IPP | Panther Grove Wind, LLC | IL | 63818 | 78787 | 400.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 400.0 |
| 2025 | 12 | 65101 | Redbud Run Solar, LLC | IPP | Redbud Run Solar | VA | 65930 | 10 | 30.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 30.0 |
| 2025 | 12 | 66013 | SR West Marshall, LLC | IPP | SR West Marshall, LLC | MS | 67135 | WMARS | 4.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.8 |
| 2025 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Eagle Springs Hybrid | TX | 66341 | EGSB | 61.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 55.1 |
| 2025 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Eagle Springs Hybrid | TX | 66341 | EGSS | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 110.1 |
| 2025 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Gaia Hybrid | TX | 66342 | GAIAB | 76.8 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 76.8 |
| 2025 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Gaia Hybrid | TX | 66342 | GAIAS | 152.7 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 152.7 |
| 2025 | 12 | 65343 | Sculpin Solar LLC | IPP | Sculpin Solar | IN | 66238 | 1SPS | 180.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 180.0 |
| 2025 | 12 | 66345 | Sebree Solar, LLC | IPP | Sebree Solar, LLC - Hybrid | KY | 67735 | 4516 | 250.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2025 | 12 | 65695 | Seven Flags BESS LLC | IPP | Seven Flags BESS LLC | TX | 66689 | 7FLAG | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2025 | 12 | 62023 | Skeleton Creek Energy Center | IPP | Skeleton Creek Energy Center Hybrid | OK | 62494 | SCBAT | 252.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 252.0 |
| 2025 | 12 | 62023 | Skeleton Creek Energy Center | IPP | Skeleton Creek Energy Center Hybrid | OK | 62494 | SCSOL | 250.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2025 | 12 | 65079 | Solar Proponent LLC | IPP | Clear Fork Creek Solar and BESS SLF | TX | 65842 | CFCBS | 600.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 600.0 |
| 2025 | 12 | 65079 | Solar Proponent LLC | IPP | Clear Fork Creek Solar and BESS SLF | TX | 65842 | CFCPV | 600.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 600.0 |
| 2025 | 12 | 65079 | Solar Proponent LLC | IPP | Hollow Branch Creek 1 Solar | TX | 65846 | HB1PV | 700.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 700.0 |
| 2025 | 12 | 65079 | Solar Proponent LLC | IPP | Hollow Branch Creek 2 Solar and BESS SLF | TX | 65851 | HB2BS | 400.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2025 | 12 | 65079 | Solar Proponent LLC | IPP | Hollow Branch Creek 2 Solar and BESS SLF | TX | 65851 | HB2PV | 700.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 700.0 |
| 2025 | 12 | 65366 | Speedway Solar, LLC | IPP | Speedway Solar, LLC | IN | 66264 | SDS | 199.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 199.0 |
| 2025 | 12 | 62700 | SunEast Clay Solar LLC | IPP | SunEast Clay Solar Project | NY | 62819 | Q669 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 12 | 62699 | SunEast Dog Corners Solar LLC | IPP | SunEast Dog Corners Solar Project | NY | 62823 | Q584 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63539 | SunEast Fairway Solar LLC | IPP | SunEast Fariway Solar Project | NY | 63865 | Q#848 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 63551 | SunEast Flat Hill Solar LLC | IPP | SunEast Flat Hill Solar Project | NY | 63901 | Q#865 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63537 | SunEast Grassy Knoll Solar LLC | IPP | SunEast Grassy Knoll Solar Project | NY | 63863 | Q#885 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63540 | SunEast Highview Solar LLC | IPP | SunEast Highview Solar Project | NY | 63866 | Q#591 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 62757 | SunEast Hills Solar LLC | IPP | SunEast Hills Solar Project | NY | 62895 | Q581 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63543 | SunEast Hilltop Solar LLC | IPP | SunEast Hilltop Solar Project | NY | 63868 | Q#807 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63538 | SunEast Limestone Solar LLC | IPP | SunEast Limestone Solar Project | NY | 63864 | Q#806 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 63678 | SunEast Manchester Solar LLC | IPP | SunEast Manchester Solar Project | NY | 64037 | Q#913 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 62698 | SunEast Skyline Solar LLC | IPP | SunEast Skyline Solar Project | NY | 62816 | Q670 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2025 | 12 | 63541 | SunEast Tabletop Solar LLC | IPP | SunEast Tabletop Solar Project | NY | 63867 | Q#869 | 80.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 80.0 |
| 2025 | 12 | 63536 | SunEast Valley Solar LLC | IPP | SunEast Valley Solar Project | NY | 63862 | Q#828 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 62756 | SunEast Watkins Road Solar LLC | IPP | SunEast Watkins Road Solar Project | NY | 62896 | Q586 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2025 | 12 | 65561 | TJA 540R Main St. Acushnet, LLC | IPP | MA Acushnet 540R Main St | MA | 66513 | 18229 | 4.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.0 |
| 2025 | 12 | 65561 | TJA 540R Main St. Acushnet, LLC | IPP | MA Acushnet 540R Main St | MA | 66513 | B8229 | 2.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2025 | 12 | 66189 | Throckmorton Wind, LLC | IPP | Throckmorton Wind | TX | 67356 | 6794 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2025 | 12 | 66188 | Tiger Solar, LLC | IPP | Tiger Solar | TX | 67357 | 4666 | 204.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 204.0 |
| 2025 | 12 | 59056 | Tri Global Energy, LLC | IPP | Cone Renewable Energy Project, LLC | TX | 60272 | WT1 | 150.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 59056 | Tri Global Energy, LLC | IPP | Crosby County Wind Farm, LLC | TX | 60273 | WT1 | 150.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 59056 | Tri Global Energy, LLC | IPP | Easter | TX | 59971 | ESTR1 | 150.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2025 | 12 | 63759 | Triple Oak Power LLC | IPP | Jawbone Wind Project | MT | 58175 | JWPI | 80.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2025 | 12 | 64457 | VCP, LLC d/b/a Verogy | IPP | Dollar Tree Solar One | CT | 65148 | VCP13 | 2.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2025 | 12 | 64457 | VCP, LLC d/b/a Verogy | IPP | Emery Shute Solar One | ME | 65045 | VCP14 | 1.4 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.4 |
| 2025 | 12 | 65396 | Viracocha Wind LLC | IPP | Rooney Ranch | CA | 63088 | ROONR | 21.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 21.0 |
| 2025 | 12 | 65396 | Viracocha Wind LLC | IPP | Sand Hill A | CA | 63126 | SNDHA | 13.5 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 13.5 |
| 2025 | 12 | 65396 | Viracocha Wind LLC | IPP | Sand Hill B | CA | 63652 | SNDHB | 17.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 17.0 |
| 2025 | 12 | 65396 | Viracocha Wind LLC | IPP | Sand Hill C | CA | 63653 | SNDHC | 80.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2025 | 12 | 63527 | Westlands Cherry, LLC | IPP | Cherry | CA | 63850 | CHERY | 249.7 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 249.7 |
| 2025 | 12 | 63528 | Westlands Grape, LLC | IPP | Grape | CA | 63851 | GRAPE | 246.4 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 246.4 |
| 2025 | 12 | 64354 | Wilkes Solar, LLC | IPP | Wilkes Solar, LLC | NC | 64850 | WS | 75.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2026 | 1 | 15399 | Avangrid Renewables LLC | IPP | Great Bear Solar, LLC | OH | 64073 | GBS | 46.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 46.0 |
| 2026 | 1 | 65384 | Cartier Energy, LLC | Commercial | Hartford Hospital Cogeneration | CT | 52061 | GEN5 | 5.4 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 5.5 |
| 2026 | 1 | 65835 | Clean Energy Future - Trumbull, LLC. | IPP | Trumbull Energy Center | OH | 66918 | GT11 | 350.0 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 350.0 |
| 2026 | 1 | 65835 | Clean Energy Future - Trumbull, LLC. | IPP | Trumbull Energy Center | OH | 66918 | GT12 | 350.0 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 350.0 |
| 2026 | 1 | 65835 | Clean Energy Future - Trumbull, LLC. | IPP | Trumbull Energy Center | OH | 66918 | STG | 250.0 | Natural Gas Fired Combined Cycle | NG | CA | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2026 | 1 | 61060 | Cypress Creek Renewables | IPP | Destiny Storage | TX | 67654 | DESTS | 200.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2026 | 1 | 5248 | Dominion Energy Inc. | Electric Utility | Dulles Solar and Storage | VA | 65043 | DUSO | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2026 | 1 | 11241 | Entergy Louisiana LLC | Electric Utility | Sterlington Solar | LA | 66681 | STS | 49.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 49.0 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Boardwalk | FL | 65885 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Kayak | FL | 65888 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Long Creek | FL | 65906 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Mare Branch | FL | 65905 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | North Orange | FL | 65883 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Price Creek | FL | 65887 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 6452 | Florida Power & Light Co | Electric Utility | Tenmile Creek | FL | 65886 | 1 | 74.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 74.5 |
| 2026 | 1 | 49893 | Invenergy Services LLC | IPP | Canisteo Wind Farm | NY | 62947 | GEN1 | 290.7 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 290.7 |
| 2026 | 1 | 60349 | Juneau Hydropower, Inc | IPP | Sweetheart Lake Hydroelectric Facility | AK | 60588 | JHI01 | 6.6 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.6 |
| 2026 | 1 | 60349 | Juneau Hydropower, Inc | IPP | Sweetheart Lake Hydroelectric Facility | AK | 60588 | JHI02 | 6.6 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.6 |
| 2026 | 1 | 60349 | Juneau Hydropower, Inc | IPP | Sweetheart Lake Hydroelectric Facility | AK | 60588 | JHI03 | 6.6 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.6 |
| 2026 | 1 | 63289 | Key Capture Energy | IPP | TX 14 Venus Mill Storage | TX | 65788 | TX14 | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 1 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Granite Hill Solar | PA | 66440 | PAGH1 | 70.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 70.0 |
| 2026 | 1 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Jones City 2 Solar | TX | 66893 | TXJC2 | 185.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 185.0 |
| 2026 | 1 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Mowata Solar | LA | 66558 | LAMO1 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 1 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | White Trillium Solar | OH | 65904 | OHWT1 | 49.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 49.5 |
| 2026 | 1 | 65785 | Luminace Sunbeam Development Holdings, LLC | IPP | Cenergy - Pulk | ME | 66874 | PUL | 5.0 | Solar Photovoltaic | SUN | PV | (OT) Other | 5.0 |
| 2026 | 1 | 12796 | Monongahela Power Co | Electric Utility | Davis Solar (WV) | WV | 66870 | DAVS | 11.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 11.5 |
| 2026 | 1 | 63726 | Vistra Zero LLC | IPP | Forest Grove - Dodd | TX | 64131 | FGPV1 | 400.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 400.6 |
| 2026 | 1 | 63726 | Vistra Zero LLC | IPP | Oak Hill - Dry Creek | TX | 64132 | PV1 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 1 | 64515 | Waterbury Solar One, LLC | IPP | Waterbury Solar One | CT | 65137 | VCP12 | 2.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2026 | 2 | 61060 | Cypress Creek Renewables | IPP | Sundance (CO) | CO | 67666 | SUNDN | 74.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 74.9 |
| 2026 | 2 | 65644 | Fish Lake Geothermal LLC | IPP | Fish Lake Geothermal | NV | 66618 | FL1 | 2.1 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 3.3 |
| 2026 | 2 | 65644 | Fish Lake Geothermal LLC | IPP | Fish Lake Geothermal | NV | 66618 | FL2 | 2.9 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 3.3 |
| 2026 | 2 | 65644 | Fish Lake Geothermal LLC | IPP | Fish Lake Geothermal | NV | 66618 | FL3 | 3.4 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 4.7 |
| 2026 | 2 | 65644 | Fish Lake Geothermal LLC | IPP | Fish Lake Geothermal | NV | 66618 | FL4 | 4.3 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 6.2 |
| 2026 | 2 | 65644 | Fish Lake Geothermal LLC | IPP | Fish Lake Geothermal | NV | 66618 | FL5 | 6.8 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 9.0 |
| 2026 | 2 | 65439 | Lotus Infrastructure Global Operations, LLC | IPP | Grover Hill Wind, LLC | OH | 66359 | GHW | 140.3 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 140.3 |
| 2026 | 2 | 65079 | Solar Proponent LLC | IPP | Middlebrook Creek Solar and BESS | TX | 65853 | MIDBS | 302.9 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 302.9 |
| 2026 | 2 | 65079 | Solar Proponent LLC | IPP | Middlebrook Creek Solar and BESS | TX | 65853 | MIDPV | 609.1 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 609.1 |
| 2026 | 2 | 64457 | VCP, LLC d/b/a Verogy | IPP | Spencer Drive Solar One | ME | 65138 | VCP18 | 2.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2026 | 3 | 66061 | BQ Energy Development | IPP | Nottingham Solar | OH | 66658 | NOTT | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 3 | 66061 | BQ Energy Development | IPP | Steubenville Solar | OH | 66657 | STEUB | 43.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 43.0 |
| 2026 | 3 | 1307 | Basin Electric Power Coop | Electric Utility | Pioneer Generation Station | ND | 57881 | 04 | 210.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 235.0 |
| 2026 | 3 | 64410 | CG Leon County LLC | IPP | Pecan Prairie South Solar | TX | 64981 | CPSS1 | 130.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 130.0 |
| 2026 | 3 | 61060 | Cypress Creek Renewables | IPP | Ostrea Solar, LLC | WA | 66384 | GEN1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2026 | 3 | 65998 | Flint Mine Solar, LLC | IPP | Flint Mine Solar | NY | 67090 | FMS | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2026 | 3 | 66319 | Heartwood Solar, LLC | IPP | Heartwood Solar | MI | 67677 | HWS | 150.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2026 | 3 | 63289 | Key Capture Energy | IPP | KCE NY 10, LLC | NY | 66682 | NY10 | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2026 | 3 | 63289 | Key Capture Energy | IPP | KCE NY 29, LLC | NY | 66862 | NY29 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 3 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Crossvine Solar | IN | 66441 | INCV1 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 3 | 60971 | NYC Energy LLC | IPP | NISA Electric Generation Project | NY | 61331 | BA1 | 79.9 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 79.9 |
| 2026 | 3 | 60971 | NYC Energy LLC | IPP | NISA Electric Generation Project | NY | 61331 | BA2 | 220.1 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 220.1 |
| 2026 | 3 | 65092 | Springwater Solar, LLC | IPP | Springwater Solar, LLC | OH | 65900 | SPRIN | 155.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 155.0 |
| 2026 | 4 | 66180 | CPV Rogue's Wind, LLC | IPP | CPV Rogue's Wind, LLC | PA | 67348 | ROGUE | 109.9 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 114.0 |
| 2026 | 4 | 5248 | Dominion Energy Inc. | Electric Utility | Moon Corner Solar | VA | 66313 | MOCO | 60.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 60.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2026 | 4 | 7490 | Grand River Dam Authority | Electric Utility | GREC | OK | 165 | 4 | 416.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 433.0 |
| 2026 | 4 | 60025 | Greenbacker Renewable Energy Corporation | IPP | Hogs Bay | ME | 66768 | 694 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2026 | 4 | 61797 | Hecate Energy LLC | IPP | Hecate Energy Columbia County Solar | NY | 62273 | HECC1 | 42.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 42.0 |
| 2026 | 4 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Champion Solar I | IN | 66865 | INCS1 | 51.9 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 51.9 |
| 2026 | 4 | 66255 | RIC Development, LLC | IPP | Stonewall Solar | TX | 67562 | RIC92 | 63.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 63.0 |
| 2026 | 4 | 64776 | Wolf Pit Branch Solar, LLC | IPP | Wolf Pit Branch Solar, LLC | SC | 65437 | PGB38 | 15.5 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 15.5 |
| 2026 | 4 | 64776 | Wolf Pit Branch Solar, LLC | IPP | Wolf Pit Branch Solar, LLC | SC | 65437 | PGR38 | 62.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 62.0 |
| 2026 | 5 | 65689 | Alfred Oaks Solar, LLC | IPP | Alfred Oaks Solar, LLC | NY | 66675 | ALOAK | 115.2 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 115.2 |
| 2026 | 5 | 65689 | Alfred Oaks Solar, LLC | IPP | Alfred Oaks Solar, LLC | NY | 66675 | BA | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2026 | 5 | 56769 | Consolidated Edison Development Inc. | IPP | Uvalde Solar 1 | TX | 66306 | UVPV1 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 5 | 65814 | GGS Energy LLC | IPP | Indigo Solar & Storage | TX | 66891 | 245BS | 180.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 180.0 |
| 2026 | 5 | 65814 | GGS Energy LLC | IPP | Indigo Solar & Storage | TX | 66891 | IS245 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 5 | 66232 | Green River Energy Center, LLC | IPP | Green River Energy Center - Hybrid | UT | 67501 | GRBS | 400.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 400.0 |
| 2026 | 5 | 66232 | Green River Energy Center, LLC | IPP | Green River Energy Center - Hybrid | UT | 67501 | GRPV | 400.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 400.0 |
| 2026 | 5 | 65454 | Healing Springs Solar, LLC | IPP | Healing Springs Solar, LLC | NC | 66382 | GEN1 | 55.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 55.0 |
| 2026 | 5 | 64545 | Vesper Energy Development LLC | IPP | Axton Solar | VA | 65462 | AXTON | 201.1 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 201.1 |
| 2026 | 6 | 63826 | 201LC 8me LLC | IPP | Rockmont Solar and Storage Project | NM | 64216 | 201LC | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 6 | 63826 | 201LC 8me LLC | IPP | Rockmont Solar and Storage Project | NM | 64216 | 309SJ | 30.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 30.0 |
| 2026 | 6 | 57416 | Acciona Energy USA Global, LLC | IPP | AEUG Fleming Solar, LLC | KY | 64658 | AFS | 188.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 188.5 |
| 2026 | 6 | 66122 | Alina Energy LLC | IPP | Alina Energy LLC | TX | 67250 | ALIBS | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 6 | 66122 | Alina Energy LLC | IPP | Alina Energy LLC | TX | 67250 | ALIPV | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 6 | 61713 | B & K Solar | IPP | B & K Solar | SC | 62181 | 23 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 64217 | Bald Mountain Solar LLC | IPP | Bald Mountain Solar | NY | 64598 | GEN1 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2026 | 6 | 63793 | Bear Branch Solar LLC | IPP | Bear Branch Solar | NC | 64168 | GEN | 34.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 34.5 |
| 2026 | 6 | 64356 | Bedington Energy Facility, LLC | IPP | Bedington Energy Facility, LLC | WV | 64848 | BEF1 | 50.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2026 | 6 | 61716 | Big Fork Solar | IPP | Big Fork Solar | SC | 62184 | 26 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 61716 | Big Fork Solar | IPP | Big Fork Solar | SC | 62184 | 27 | 74.9 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 65654 | Birch Creek Development | IPP | Elm Flats Solar | TX | 67552 | ELMBA | 50.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2026 | 6 | 65654 | Birch Creek Development | IPP | Elm Flats Solar | TX | 67552 | ELMFL | 125.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 125.0 |
| 2026 | 6 | 60395 | California Ethanol Power, LLC | Industrial | CE&P Imperial Valley 1 | CA | 60670 | 1 | 50.0 | All Other | OTH | CC | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 65384 | Cartier Energy, LLC | Commercial | Hartford Hospital Cogeneration | CT | 52061 | GEN6 | 6.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2026 | 6 | 66272 | Cedar Hill ESS Assets, LLC | IPP | Cedar Hill ESS | TX | 67570 | 3004 | 10.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 10.0 |
| 2026 | 6 | 61718 | Chapman Solar | IPP | Chapman Solar | SC | 62186 | 28 | 2.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.0 |
| 2026 | 6 | 61720 | Colleton Solar | IPP | Colleton Solar | SC | 62188 | 30 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 61720 | Colleton Solar | IPP | Colleton Solar | SC | 62188 | 31 | 74.9 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 61722 | Crossroads Solar | IPP | Crossroads Solar | SC | 62190 | 32 | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 61722 | Crossroads Solar | IPP | Crossroads Solar | SC | 62190 | 33 | 50.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 61729 | Culpepper Solar | IPP | Culpepper Solar | SC | 62221 | 33 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 61060 | Cypress Creek Renewables | IPP | High Top Solar | WA | 65325 | 98936 | 80.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 80.0 |
| 2026 | 6 | 58970 | Ecoplexus, Inc | IPP | OAKBORO PV1 | NC | 63162 | OAKPV | 40.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2026 | 6 | 65084 | Eldora Energy LLC | IPP | Eldora Energy LLC | TX | 65847 | ELDBS | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 6 | 65084 | Eldora Energy LLC | IPP | Eldora Energy LLC | TX | 65847 | ELDPV | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Orange County Advanced Power Station | TX | 66621 | 1A | 396.6 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 453.0 |
| 2026 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Orange County Advanced Power Station | TX | 66621 | 1B | 396.6 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 453.0 |
| 2026 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Orange County Advanced Power Station | TX | 66621 | 1C | 365.0 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 400.0 |
| 2026 | 6 | 6763 | Freestone Power Generation LLC | IPP | FPEC, LLC | TX | 67500 | GT5 | 212.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 222.0 |
| 2026 | 6 | 6763 | Freestone Power Generation LLC | IPP | FPEC, LLC | TX | 67500 | GT6 | 212.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 222.0 |
| 2026 | 6 | 61737 | GEB Solar | IPP | GEB Solar | SC | 62217 | 40 | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 65157 | Garcitas Creek Solar, LLC | IPP | Garcitas Creek Solar | TX | 65973 | GCS | 201.9 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 201.9 |
| 2026 | 6 | 65475 | Gransolar Texas Fifteen, LLC | IPP | Naduah Solar | TX | 66396 | NDUAH | 103.4 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 103.4 |
| 2026 | 6 | 66261 | Greenalia Solar Power Roscommon, LLC | IPP | Roscommon Solar Park | TX | 67566 | ROGSP | 82.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 82.8 |
| 2026 | 6 | 64218 | Greens Corners Solar | IPP | Greens Corners Solar | NY | 64599 | GEN1 | 120.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 120.0 |
| 2026 | 6 | 63474 | Hecate Energy Gedney Hill LLC | IPP | Hecate Energy Gedney Hill | NY | 63815 | GEDNY | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2026 | 6 | 65481 | Hecate Grid Gwent Storage 1, LLC | IPP | Hecate Grid Gwent Storage 1 | CA | 66409 | GWNT | 135.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 135.0 |
| 2026 | 6 | 63838 | Hecate Grid Swiftsure LLC | IPP | Swiftsure | NY | 64235 | SWFTS | 650.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 650.0 |
| 2026 | 6 | 61746 | Holliday Solar I | IPP | Holliday Solar I | SC | 62229 | 43 | 74.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.0 |
| 2026 | 6 | 64741 | Homestead Energy Storage, LLC | IPP | Homestead Energy Storage LLC | CA | 65398 | HMSD1 | 14.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 14.0 |
| 2026 | 6 | 63792 | Hornet Solar LLC | IPP | Hornet Solar | NC | 64167 | GEN | 73.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 73.0 |
| 2026 | 6 | 61751 | Juniper Solar | IPP | Juniper Solar | SC | 62234 | 48 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Portal Ridge Solar A, LLC | CA | 60309 | GEN01 | 19.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 19.0 |
| 2026 | 6 | 66178 | Liberty Renewables Incorporated | IPP | Hoffman Falls Wind 2 | NY | 67346 | Q1335 | 102.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 103.5 |
| 2026 | 6 | 61753 | Luz Solar | IPP | Luz Solar | SC | 62236 | 50 | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2026 | 6 | 61791 | Melsam Solar | IPP | Melsam Solar | SC | 62280 | 58 | 65.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 65.0 |
| 2026 | 6 | 60018 | NET Power, LLC | IPP | NET Power La Porte Station | TX | 60910 | NPLPS | 5.0 | Natural Gas Fired Combustion Turbine | NG | GT | (OT) Other | 25.5 |
| 2026 | 6 | 13402 | Nevada Irrigation District | IPP | Loma Rica Hydroelectric Powerhouse | CA | 60988 | HY1 | 1.4 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 1.4 |
| 2026 | 6 | 13902 | NorthWestern Energy (MT Hydro) | Electric Utility | Hauser | MT | 2185 | HAU12 | 3.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 3.5 |
| 2026 | 6 | 56545 | Pattern Operators LP | IPP | SunZia Wind North | NM | 66924 | SZW-N | 1,089.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 1,089.0 |
| 2026 | 6 | 56545 | Pattern Operators LP | IPP | SunZia Wind South | NM | 66923 | SZW-S | 2,426.4 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 2,426.4 |
| 2026 | 6 | 65764 | Pier S Energy Storage LLC | IPP | Elevate Pier S | CA | 66787 | ELVPS | 70.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 70.0 |
| 2026 | 6 | 61805 | Pruger Solar II | IPP | Pruger Solar II | SC | 62293 | 64 | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2026 | 6 | 60229 | Quail Holdings, LLC | IPP | Quail Holdings | NC | 60434 | PV1 | 30.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 30.0 |
| 2026 | 6 | 61807 | Quest Solar | IPP | Quest Solar | SC | 62299 | 66 | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 61807 | Quest Solar | IPP | Quest Solar | SC | 62299 | 67 | 50.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2026 | 6 | 61808 | Rollins Solar | IPP | Rollins Solar | SC | 62295 | 67 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 61809 | Ross Solar | IPP | Ross Solar | SC | 62296 | 68 | 74.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.9 |
| 2026 | 6 | 63488 | Shady Hills Energy Center, LLC | IPP | Shady Hills Combined Cycle Facility | FL | 63802 | G001 | 538.3 | Natural Gas Fired Combined Cycle | NG | CS | (U) Under construction, less than or equal to 50 percent complete | 612.0 |
| 2026 | 6 | 61830 | Shining Sun Solar | IPP | Shining Sun Solar | SC | 62309 | 73 | 74.4 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.0 |
| 2026 | 6 | 61831 | Shorthorn Solar | IPP | Shorthorn Solar | SC | 62310 | 74 | 60.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 60.0 |
| 2026 | 6 | 61834 | Stamey Solar | IPP | Stamey Solar | SC | 62313 | 77 | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2026 | 6 | 65815 | Sunraycer Assets I LLC | IPP | Lupinus Solar 1, LLC | TX | 66895 | LP1BA | 83.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 83.0 |
| 2026 | 6 | 65815 | Sunraycer Assets I LLC | IPP | Lupinus Solar 1, LLC | TX | 66895 | LP1PV | 165.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 165.0 |
| 2026 | 6 | 65815 | Sunraycer Assets I LLC | IPP | Lupinus Storage 3 | TX | 67674 | LUPE3 | 50.9 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.9 |
| 2026 | 7 | 61060 | Cypress Creek Renewables | IPP | Payton | IL | 67662 | PAYTN | 70.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 70.0 |
| 2026 | 7 | 5248 | Dominion Energy Inc. | Electric Utility | Courthouse Solar | VA | 66312 | CHSL | 167.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 167.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2026 | 7 | 65482 | Gransolar Texas Thirteen, LLC | IPP | Despain Solar | TX | 66421 | GRS13 | 236.2 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 236.2 |
| 2026 | 7 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | FUTR1 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2026 | 7 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | FUTR2 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2026 | 7 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | FUTR3 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2026 | 7 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | FUTR4 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2026 | 7 | 58489 | OCI Solar Power | IPP | OCI Hillsboro | TX | 66401 | OHLBS | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 7 | 58489 | OCI Solar Power | IPP | OCI Hillsboro | TX | 66401 | OHLPV | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 7 | 65144 | Samsung C&T Renewables, LLC | IPP | Ursa Solar, LLC | WI | 65964 | URSA | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 8 | 17612 | Bear Valley Electric Service | Electric Utility | Bear Valley Battery Plant | CA | 67257 | BVEB1 | 5.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2026 | 8 | 17612 | Bear Valley Electric Service | Electric Utility | Bear Valley Solar Plant | CA | 67258 | BVES1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2026 | 8 | 64689 | Emery Meadow Solar Station, LLC | IPP | Emery Meadow Solar Station | ME | 65366 | EMSS | 16.4 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 16.4 |
| 2026 | 8 | 64077 | JVR Energy Park LLC | IPP | JVR Energy Park LLC | CA | 64428 | JVR1B | 70.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 70.0 |
| 2026 | 9 | 61060 | Cypress Creek Renewables | IPP | Hanson | TX | 67657 | HANSO | 396.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 396.0 |
| 2026 | 9 | 5248 | Dominion Energy Inc. | Electric Utility | Clover Creek Solar | VA | 66315 | CCSO | 90.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 90.0 |
| 2026 | 9 | 65986 | Gransolar Texas Three, LLC | IPP | Quarter Ranch Solar | TX | 67078 | GRS3 | 154.1 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 154.1 |
| 2026 | 9 | 65682 | IP Aramis, LLC | IPP | Aramis I Solar Project | CA | 66678 | IPAR1 | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2026 | 9 | 65682 | IP Aramis, LLC | IPP | Aramis I Solar Project | CA | 66678 | IPARB | 100.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2026 | 9 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Second Division Solar | TX | 65981 | TXSD2 | 30.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 30.0 |
| 2026 | 9 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Starr Solar Ranch | TX | 65975 | TXSD2 | 180.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 180.0 |
| 2026 | 9 | 14519 | Pasco County | IPP | Pasco Cnty Solid Waste Resource Recovery | FL | 50666 | GEN2 | 18.0 | Municipal Solid Waste | MSW | ST | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2026 | 9 | 66255 | RIC Development, LLC | IPP | Wetzel BESS | TX | 67555 | RIC98 | 185.6 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 185.6 |
| 2026 | 9 | 65715 | Strata Clean Energy | IPP | Longwing Solar | TX | 66705 | 11105 | 140.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 140.0 |
| 2026 | 9 | 65715 | Strata Clean Energy | IPP | Peri Peri Solar | TX | 66708 | 11104 | 115.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 115.0 |
| 2026 | 10 | 924 | Associated Electric Coop, Inc | Electric Utility | Ripley Energy Center | OK | 67262 | RP1 | 411.4 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 419.0 |
| 2026 | 10 | 15399 | Avangrid Renewables LLC | IPP | Osagrove Flats Wind | IL | 67347 | OF1 | 150.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2026 | 10 | 65728 | Brenneman Solar LLC | IPP | Brenneman Solar Project | GA | 66744 | BRNMN | 150.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 168.0 |
| 2026 | 10 | 61060 | Cypress Creek Renewables | IPP | Amerada | TX | 67649 | AMERA | 300.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2026 | 10 | 61060 | Cypress Creek Renewables | IPP | South Davidson | NC | 67665 | SDAVI | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2026 | 10 | 62760 | EDPR CA Solar Park VI LLC | IPP | EDPR CA Solar Park VI LLC (CA) Hybrid | CA | 62892 | SONR2 | 40.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 40.0 |
| 2026 | 10 | 62760 | EDPR CA Solar Park VI LLC | IPP | EDPR CA Solar Park VI LLC (CA) Hybrid | CA | 62892 | SONRI | 200.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 201.0 |
| 2026 | 10 | 64077 | JVR Energy Park LLC | IPP | JVR Energy Park LLC | CA | 64428 | JVR1A | 90.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 90.0 |
| 2026 | 10 | 64351 | Roxbury Solar, LLC | IPP | Roxbury Solar, LLC | ME | 64834 | ROX | 55.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 55.0 |
| 2026 | 10 | 64690 | Topsham Meadow Solar Station LLC | IPP | Topsham Meadow Solar Station | ME | 65369 | TMSS | 17.2 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 17.2 |
| 2026 | 10 | 64691 | West Baldwin Solar Station LLC | IPP | West Baldwin Solar Station | ME | 65371 | WBSS | 17.1 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 17.1 |
| 2026 | 11 | 63806 | 26SB 8me LLC | IPP | Bellefield 2 Solar & Energy Storage Farm | CA | 64209 | 26SBA | 500.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2026 | 11 | 63806 | 26SB 8me LLC | IPP | Bellefield 2 Solar & Energy Storage Farm | CA | 64209 | 26SBB | 500.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2026 | 11 | 61060 | Cypress Creek Renewables | IPP | Wallie Storage | TX | 67668 | WALLE | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2026 | 11 | 64519 | Deer Wood Storage, LLC | IPP | Deer Wood Storage, LLC | VA | 65145 | ENX12 | 30.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 30.0 |
| 2026 | 11 | 65116 | Discovery Wind, LLC | IPP | Discovery Wind, LLC | ND | 65944 | DISC | 400.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2026 | 11 | 66258 | Greenalia Solar Power Ratcliff, LLC | IPP | Ratcliff Solar Park | TX | 67563 | RAGSP | 78.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 78.8 |
| 2026 | 11 | 66260 | Greenalia Solar Power Reis, LLC | IPP | Reis Solar Park | TX | 67564 | REGSP | 105.5 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 105.5 |
| 2026 | 11 | 66262 | Greenalia Solar Power Wensowitch, LLC | IPP | Wensowitch Solar Park | TX | 67567 | WEGSP | 145.6 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 145.6 |
| 2026 | 11 | 65455 | Hyco Solar, LLC | IPP | Hyco Solar LLC | NC | 66383 | GEN1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2026 | 11 | 50123 | Leeward Asset Management, LLC | IPP | Sandhill Solar 2 | GA | 65884 | SAHS0 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 11 | 61874 | Osaka Gas USA | IPP | Yellow Vikings | TX | 67222 | 1 | 182.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 182.0 |
| 2026 | 11 | 65144 | Samsung C&T Renewables, LLC | IPP | Conez Solar, LLC | GA | 66671 | CONEZ | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 11 | 66105 | Trestles Grid LLC | IPP | Trestles Grid LLC | CA | 67229 | HGLPT | 150.0 | Batteries | MWH | BA | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2026 | 11 | 64951 | Warren Meadow Solar Station, LLC | IPP | Warren Meadow Solar Station | ME | 65708 | WMSS | 74.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 74.5 |
| 2026 | 12 | 65661 | Arco Wind, LLC | IPP | Arco Wind and Solar Project | ID | 66651 | 37565 | 360.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 360.0 |
| 2026 | 12 | 64475 | CG Leon County II LLC | IPP | Pecan Prairie North Solar | TX | 64999 | CPNS1 | 350.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 350.0 |
| 2026 | 12 | 64467 | CG Pike Creek LLC | IPP | Pike Creek Wind | IL | 65049 | CPCW1 | 202.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 202.5 |
| 2026 | 12 | 59365 | Capital Power Corporation | IPP | Maple Leaf Solar | NC | 67195 | GEN | 73.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 73.0 |
| 2026 | 12 | 65180 | Cedar Island Solar LLC | IPP | Cedar Island Solar LLC | OR | 66011 | PV1 | 800.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 800.0 |
| 2026 | 12 | 58391 | Chilocco Wind Farm LLC | IPP | Chilocco Wind Farm | OK | 58406 | 1 | 169.2 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 169.2 |
| 2026 | 12 | 60609 | Clean Focus Renewables, Inc. | IPP | Rugged Solar LLC | CA | 57960 | 1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2026 | 12 | 64357 | ConnectGen Albany County LLC | IPP | Rail Tie Wind | WY | 64847 | CRTW1 | 504.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 504.0 |
| 2026 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Upton BESS 2 | TX | 66303 | UPBS2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 12 | 61060 | Cypress Creek Renewables | IPP | Fort Watt Storage | TX | 67656 | FWATT | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2026 | 12 | 61060 | Cypress Creek Renewables | IPP | Jerboa Storage | TX | 67658 | JERBO | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2026 | 12 | 61060 | Cypress Creek Renewables | IPP | Langer | TX | 67659 | LANGE | 245.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 245.0 |
| 2026 | 12 | 65543 | Desert Vine Solar LLC | IPP | Desert Vine Solar | TX | 66493 | DVS | 121.3 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 121.3 |
| 2026 | 12 | 64368 | Dolores Canyon Solar LLC | IPP | Dolores Canyon Solar | CO | 64858 | C0497 | 110.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 110.0 |
| 2026 | 12 | 5248 | Dominion Energy Inc. | Electric Utility | Dulles Solar and Storage | VA | 65043 | DUST | 50.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 50.0 |
| 2026 | 12 | 65080 | Elio Energy LLC | IPP | Elio Energy LLC | TX | 65850 | ELIBS | 300.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2026 | 12 | 65113 | Grey Fox Wind | IPP | Grey Fox Wind | IL | 65939 | WINDG | 400.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2026 | 12 | 65113 | Grey Fox Wind | IPP | Grey Fox Wind | IL | 65939 | WNDG2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2026 | 12 | 63839 | Hecate Grid Clermont 1 LLC | IPP | Clermont | NY | 64236 | CLRMT | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 12 | 63289 | Key Capture Energy | IPP | NY2 Battery | NY | 63584 | NY2 | 169.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 169.0 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG1 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG2 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG3 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG4 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG5 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG6 | 3.4 | Offshore Wind Turbine | WND | WS | (P) Planned for installation, but regulatory approvals not initiated | 3.4 |
| 2026 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Buena Vista Energy LLC | CA | 56446 | BVBAT | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2026 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Honey Creek Solar | IN | 65821 | HNYBA | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2026 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Honey Creek Solar | IN | 65821 | HNYSR | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 12 | 64800 | Nolin Hills Wind, LLC | IPP | Nolin Hills | OR | 60070 | GEN2 | 300.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2026 | 12 | 66316 | Northumberland Solar I, LLC | IPP | Northumberland Solar I | PA | 67675 | ENX34 | 20.0 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2026 | 12 | 63217 | Obsidian Solar Center LLC | IPP | Obsidian Solar Center | OR | 63488 | OBSLR | 400.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 400.0 |
| 2026 | 12 | 66027 | Orsted Wind Power North America LLC | IPP | Sunrise Wind | NY | 67435 | SRWND | 924.0 | Offshore Wind Turbine | WND | WS | (L) Regulatory approvals pending. Not under construction | 924.0 |
| 2026 | 12 | 63463 | Palomino Solar, LLC | IPP | Palomino Solar | OH | 63784 | PLMNO | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 12 | 65105 | Peeler Solar, LLC | IPP | Peeler Solar, LLC | TX | 65932 | PEEL2 | 50.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2026 | 12 | 61298 | Pine Gate Renewables | IPP | Olin Creek Farm Solar | NC | 64626 | OLINC | 35.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 35.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2026 | 12 | 66255 | RIC Development, LLC | IPP | Edens Solar | TX | 67560 | RIC94 | 70.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 70.0 |
| 2026 | 12 | 56215 | RWE Renewables Americas, LLC | IPP | Pinckard Solar | AL | 62787 | PCKND | 79.7 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 85.1 |
| 2026 | 12 | 66121 | Rock Rose Energy Storage LLC | IPP | Rock Rose Energy Storage LLC | TX | 67249 | RRES | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2026 | 12 | 66171 | SGT Hoskins Solar Project, LLC | IPP | SGT Hoskins Solar Project Hybrid | TX | 67341 | NOSES | 102.1 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 102.1 |
| 2026 | 12 | 66171 | SGT Hoskins Solar Project, LLC | IPP | SGT Hoskins Solar Project Hybrid | TX | 67341 | NOSPV | 204.1 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 204.1 |
| 2026 | 12 | 66012 | SR Marshall, LLC | IPP | SR Marshall, LLC | MS | 67134 | MARSH | 4.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.8 |
| 2026 | 12 | 65072 | Sacramento Valley Energy Center, LLC | IPP | Sacramento Valley Energy Center, LLC | CA | 65808 | BSVEC | 100.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2026 | 12 | 65072 | Sacramento Valley Energy Center, LLC | IPP | Sacramento Valley Energy Center, LLC | CA | 65808 | SVEC | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2026 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Cairos Solar and Storage | TX | 67581 | CIRSA | 153.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 153.3 |
| 2026 | 12 | 65144 | Samsung C&T Renewables, LLC | IPP | Cairos Solar and Storage | TX | 67581 | CIRSB | 77.3 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 77.3 |
| 2026 | 12 | 63954 | Shepherd's Run Solar | IPP | Shepherd's Run Solar | NY | 64188 | PV | 42.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 42.0 |
| 2026 | 12 | 63721 | Skipjack Offshore Energy, LLC | IPP | Skipjack Wind Farm | MD | 64083 | SJW01 | 120.0 | Offshore Wind Turbine | WND | WS | (L) Regulatory approvals pending. Not under construction | 120.0 |
| 2026 | 12 | 63721 | Skipjack Offshore Energy, LLC | IPP | Skipjack Wind Farm Phase 2 | MD | 65388 | SJW02 | 846.0 | Offshore Wind Turbine | WND | WS | (L) Regulatory approvals pending. Not under construction | 846.0 |
| 2026 | 12 | 64355 | Solariant Capital, LLC | IPP | Wildcat Solar Power Plant LLC | NM | 64849 | ATMWS | 50.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2026 | 12 | 64355 | Solariant Capital, LLC | IPP | Wildcat Solar Power Plant LLC | NM | 64849 | WILDC | 90.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 90.0 |
| 2026 | 12 | 65092 | Springwater Solar, LLC | IPP | Springwater Solar, LLC | OH | 65900 | SPRI2 | 75.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2026 | 12 | 62936 | TREX US Red Holly LLC | IPP | TREX US Red Holly | TX | 63202 | 701 | 250.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 250.0 |
| 2026 | 12 | 61950 | Terra-Gen Operating Co-Solar | IPP | Lockhart Solar PV IV, LLC | CA | 67510 | LOC4 | 80.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 80.0 |
| 2026 | 12 | 59056 | Tri Global Energy, LLC | IPP | Water Valley Wind Energy | TX | 62846 | WWE1 | 180.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 180.0 |
| 2026 | 12 | 65777 | Urban Grid Solar | IPP | Porter Mill Solar | MD | 66854 | PORM1 | 46.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 46.0 |
| 2027 | 1 | 5248 | Dominion Energy Inc. | Electric Utility | Coastal Virginia Offshore Wind (CVOW) Commercial Project | VA | 64550 | CVOWC | 1,265.0 | Offshore Wind Turbine | WND | WS | (T) Regulatory approvals received. Not under construction | 2,640.0 |
| 2027 | 1 | 50123 | Leeward Asset Management, LLC | IPP | Parowan Solar | UT | 65823 | PARB | 58.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 58.0 |
| 2027 | 1 | 50123 | Leeward Asset Management, LLC | IPP | Parowan Solar | UT | 65823 | PARS0 | 58.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 58.0 |
| 2027 | 3 | 57416 | Acciona Energy USA Global, LLC | IPP | AEUG Madison Solar, LLC | KY | 64659 | AMS | 100.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2027 | 3 | 61060 | Cypress Creek Renewables | IPP | Carriger | WA | 67653 | CARRI | 160.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 160.0 |
| 2027 | 3 | 61060 | Cypress Creek Renewables | IPP | Elk Run | CO | 67655 | ELKRN | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2027 | 3 | 61060 | Cypress Creek Renewables | IPP | Oxbow Hill | NY | 67661 | OXHIL | 140.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 140.0 |
| 2027 | 3 | 66252 | Greenalia Wind Power Blue Hills, LLC | IPP | Blue Hills Wind Project | TX | 67542 | BHWP | 276.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 276.0 |
| 2027 | 3 | 65470 | Lock+ Hydro Friends Fund XLII, LLC | IPP | Braddock Lock and Dam | PA | 59091 | GEN1 | 5.3 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 5.3 |
| 2027 | 3 | 65144 | Samsung C&T Renewables, LLC | IPP | Stark Solar, LLC | OH | 66672 | AG239 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 3 | 63786 | Tygart LLC | IPP | Tygart Hydropower | WV | 64171 | 1 | 3.0 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 10.0 |
| 2027 | 3 | 63786 | Tygart LLC | IPP | Tygart Hydropower | WV | 64171 | 2 | 3.0 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 10.0 |
| 2027 | 3 | 63786 | Tygart LLC | IPP | Tygart Hydropower | WV | 64171 | 3 | 3.0 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 10.0 |
| 2027 | 4 | 65511 | Aragon Energy Storage LLC | IPP | Aragon Energy Storage | GA | 66431 | ARAG1 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 4 | 64138 | Birch Creek Development, LLC (NC) | IPP | Friesian Holdings | NC | 60692 | PV1 | 75.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2027 | 4 | 59966 | ESC Harrison County Power | IPP | ESC Harrison County Power | WV | 60206 | HCCA1 | 205.4 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 207.4 |
| 2027 | 4 | 59966 | ESC Harrison County Power | IPP | ESC Harrison County Power | WV | 60206 | HCCT1 | 319.1 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 371.5 |
| 2027 | 4 | 65837 | Freestone Solar LLC | IPP | Timber Cove Solar | TX | 66922 | 59957 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2027 | 4 | 66253 | Greenalia Solar Power Donegal, LLC | IPP | Donegal Solar Project | TX | 67543 | DOGSP | 204.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 204.2 |
| 2027 | 4 | 66254 | Greenalia Solar Power Leitrim, LLC | IPP | Leitrim Solar Park | TX | 67544 | LEGSP | 91.2 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 91.2 |
| 2027 | 4 | 62842 | Lightsource Renewable Energy Asset Management, LLC | IPP | Merrillville Solar | IN | 66114 | INRD1 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2027 | 4 | 66255 | RIC Development, LLC | IPP | Jim Wells BESS | TX | 67553 | RIC99 | 100.3 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.3 |
| 2027 | 5 | 62910 | 300MS 8me LLC | IPP | Southern Bighorn Solar Hybrid | NV | 63113 | BESS | 300.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 95.0 |
| 2027 | 5 | 62910 | 300MS 8me LLC | IPP | Southern Bighorn Solar Hybrid | NV | 63113 | SBS | 300.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2027 | 5 | 63807 | 302PN 8me LLC | IPP | Red Antelope Solar & Energy Storage Farm | AZ | 64208 | 30PNA | 400.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 400.0 |
| 2027 | 5 | 63807 | 302PN 8me LLC | IPP | Red Antelope Solar & Energy Storage Farm | AZ | 64208 | 30PNB | 300.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2027 | 5 | 65687 | Accalia Point Solar, LLC | IPP | Accalia Point Solar, LLC | TX | 66673 | 66666 | 190.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 190.5 |
| 2027 | 5 | 54803 | Dynegy Oakland, LLC | IPP | Dynegy Oakland Power Plant | CA | 6211 | GEN4 | 43.3 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 43.3 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | CTG1 | 7.3 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 7.5 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | EG11 | 3.4 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | EG12 | 3.4 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | EG13 | 3.4 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | EG14 | 3.4 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2027 | 5 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | EG15 | 3.4 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2027 | 5 | 66108 | Hinds Solar, LLC | IPP | Hinds Solar, LLC | MS | 67231 | HS | 150.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN1 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN2 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN3 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN4 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN5 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN6 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 5 | 66255 | RIC Development, LLC | IPP | Dunlay Solar | TX | 67559 | RIC95 | 150.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 180.4 |
| 2027 | 5 | 65079 | Solar Proponent LLC | IPP | Rowdy Creek Solar and BESS | TX | 65854 | RDYBS | 350.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 350.0 |
| 2027 | 5 | 65079 | Solar Proponent LLC | IPP | Rowdy Creek Solar and BESS | TX | 65854 | RDYPV | 700.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 700.0 |
| 2027 | 5 | 65777 | Urban Grid Solar | IPP | Hillsboro Solar 3 | AL | 66852 | HILL3 | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2027 | 6 | 66100 | Boralex US Operations LLC | IPP | Diamond Solar (NY) | NY | 67220 | NY48 | 60.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2027 | 6 | 66100 | Boralex US Operations LLC | IPP | Foothills Solar (NY) | NY | 67221 | NY128 | 40.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2027 | 6 | 58597 | Enviromission, Inc | IPP | La Paz Solar Tower | AZ | 58652 | 1 | 200.0 | Solar Thermal without Energy Storage | SUN | OT | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2027 | 6 | 65105 | Peeler Solar, LLC | IPP | Peeler Solar, LLC | TX | 65932 | PEELR | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2027 | 6 | 64514 | Royalston Solar One, LLC | IPP | Royalston Solar One | MA | 65136 | VCP04 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2027 | 6 | 64514 | Royalston Solar One, LLC | IPP | Royalston Solar One | MA | 65136 | VCPS1 | 2.5 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2027 | 6 | 65777 | Urban Grid Solar | IPP | Beaver Creek Solar | PA | 66850 | BEAC1 | 34.2 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 34.2 |
| 2027 | 6 | 64657 | Vacherie Solar Energy Center, LLC | IPP | Vacherie Solar Energy Center, LLC | LA | 65345 | VSEC | 150.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2027 | 6 | 65104 | Vermillion Rise Solar, LLC | IPP | Vermillion Rise Solar | IN | 65935 | 14 | 225.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 225.0 |
| 2027 | 6 | 66318 | Zeta Solar, LLC | IPP | Zeta Solar & Storage | CA | 67676 | GEN01 | 75.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2027 | 6 | 66318 | Zeta Solar, LLC | IPP | Zeta Solar & Storage | CA | 67676 | GEN02 | 75.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2027 | 7 | 64904 | AES Clean Energy | IPP | Somerset Solar LLC | NY | 67324 | NYSOM | 125.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2027 | 7 | 58881 | Apex Bethel Energy Center | IPP | Apex Bethel Energy Center | TX | 59048 | ABEC1 | 158.5 | Natural Gas with Compressed Air Storage | NG | CE | (P) Planned for installation, but regulatory approvals not initiated | 158.5 |
| 2027 | 7 | 58881 | Apex Bethel Energy Center | IPP | Apex Bethel Energy Center | TX | 59048 | ABEC2 | 158.5 | Natural Gas with Compressed Air Storage | NG | CE | (P) Planned for installation, but regulatory approvals not initiated | 158.5 |
| 2027 | 7 | 924 | Associated Electric Coop, Inc | Electric Utility | Turney Energy Center | MO | 67263 | TN1 | 411.4 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 419.0 |
| 2027 | 7 | 59686 | Coronado Power Ventures LLC | IPP | Aegle Power | TX | 59924 | CTG-1 | 430.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 430.0 |
| 2027 | 7 | 59686 | Coronado Power Ventures LLC | IPP | Aegle Power | TX | 59924 | CTG-2 | 430.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 430.0 |
| 2027 | 7 | 59686 | Coronado Power Ventures LLC | IPP | Aegle Power | TX | 59924 | STG-1 | 422.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 422.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2027 | 7 | 64265 | Notch Peak Solar LLC | IPP | Notch Peak Solar LLC | UT | 64669 | KOV4A | 324.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 324.0 |
| 2027 | 7 | 65690 | Premium Energy Holdings | IPP | Whale Rock Pumped Storage Hydro Project | CA | 66685 | WH001 | 200.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2027 | 7 | 65690 | Premium Energy Holdings | IPP | Whale Rock Pumped Storage Hydro Project | CA | 66685 | WH002 | 200.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2027 | 7 | 65690 | Premium Energy Holdings | IPP | Whale Rock Pumped Storage Hydro Project | CA | 66685 | WH003 | 200.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2027 | 7 | 64726 | Rivers Electric, LLC | IPP | Mill Pond Hydro | NY | 65399 | U3 | 0.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2027 | 8 | 65698 | Holly Branch Solar, LLC | IPP | Holly Branch Solar, LLC | TX | 66692 | HOLLY | 230.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 230.0 |
| 2027 | 8 | 65698 | Holly Branch Solar, LLC | IPP | Holly Branch Solar, LLC | TX | 66692 | HOLY | 100.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2027 | 9 | 61060 | Cypress Creek Renewables | IPP | Scotch Grove Solar | NC | 67663 | SGROV | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2027 | 9 | 66263 | Greenalia Solar Power Wittig, LLC | IPP | Wittig Solar Park | TX | 67568 | WIGSP | 96.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 96.0 |
| 2027 | 9 | 65587 | Mammoth Central LLC | IPP | Mammoth Central Solar Project | IN | 66546 | MMTHC | 300.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 300.0 |
| 2027 | 9 | 65587 | Mammoth Central LLC | IPP | Mammoth Central Solar Project | IN | 66546 | MTHC2 | 300.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 300.0 |
| 2027 | 9 | 65588 | Mammoth South LLC | IPP | Mammoth South Solar Project | IN | 66545 | MMTHS | 300.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 300.0 |
| 2027 | 9 | 65715 | Strata Clean Energy | IPP | Austin Creek Solar | IL | 66703 | 11103 | 140.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 140.0 |
| 2027 | 9 | 65715 | Strata Clean Energy | IPP | Patoka Solar | IN | 66706 | 11101 | 250.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2027 | 9 | 65715 | Strata Clean Energy | IPP | Prairie Oak Solar | IL | 66707 | 11102 | 250.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2027 | 10 | 56769 | Consolidated Edison Development Inc. | IPP | Alamo 3 BESS 2 | TX | 66293 | A3BS2 | 100.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2027 | 10 | 66191 | Mineral Basin Solar Power, LLC | IPP | Mineral Basin Solar Power | PA | 67378 | MB | 401.6 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 401.6 |
| 2027 | 10 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Horseshoe Lake | OK | 2951 | 11 | 224.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 224.0 |
| 2027 | 10 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Horseshoe Lake | OK | 2951 | 12 | 224.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 224.0 |
| 2027 | 10 | 61906 | Rye Development | IPP | Emsworth L&D Hydroelectric Project | PA | 62433 | NA1 | 5.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2027 | 10 | 19436 | Union Electric Co - (MO) | Electric Utility | Castle Bluff Energy Center | MO | 67576 | 1 | 175.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 216.0 |
| 2027 | 10 | 19436 | Union Electric Co - (MO) | Electric Utility | Castle Bluff Energy Center | MO | 67576 | 2 | 175.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 216.0 |
| 2027 | 10 | 19436 | Union Electric Co - (MO) | Electric Utility | Castle Bluff Energy Center | MO | 67576 | 3 | 175.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 216.0 |
| 2027 | 11 | 64904 | AES Clean Energy | IPP | Kahana Solar, LLC | HI | 64095 | KSBA | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2027 | 11 | 64904 | AES Clean Energy | IPP | Kahana Solar, LLC | HI | 64095 | KSSOL | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2027 | 11 | 65441 | Black Walnut Solar, LLC | IPP | Black Walnut Solar, LLC | NC | 66363 | GEN1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2027 | 11 | 64452 | EDF Renewables Development, Inc. | IPP | Homer Solar Energy Center | NY | 65052 | HSEC | 90.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 90.0 |
| 2027 | 11 | 64452 | EDF Renewables Development, Inc. | IPP | Rock House Solar | GA | 67226 | ROCKH | 250.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2027 | 11 | 64452 | EDF Renewables Development, Inc. | IPP | Tracy Solar Energy Center | NY | 65051 | TSEC | 119.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 119.0 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 1 | 0.6 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.6 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 2 | 0.6 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.6 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 3 | 0.2 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.2 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 4 | 0.2 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.2 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 5 | 0.6 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.6 |
| 2027 | 11 | 62663 | Lock 13 Hydro Partners | IPP | Evelyn Hydroelectric Project | KY | 62748 | 6 | 0.6 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 0.6 |
| 2027 | 11 | 61906 | Rye Development | IPP | Allegheny L&D2 Hydroelectric Project | PA | 62401 | NA1 | 2.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 4.5 |
| 2027 | 11 | 61906 | Rye Development | IPP | Emsworth BC Hydroelectric Project | PA | 62434 | NA1 | 3.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2027 | 11 | 61906 | Rye Development | IPP | Emsworth L&D Hydroelectric Project | PA | 62433 | NA2 | 5.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2027 | 12 | 63520 | 326FW 8me LLC | IPP | Arida Solar (Hybrid) | NV | 63841 | ARIDA | 370.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 370.0 |
| 2027 | 12 | 63520 | 326FW 8me LLC | IPP | Arida Solar (Hybrid) | NV | 63841 | BESS | 370.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 370.0 |
| 2027 | 12 | 60799 | 33UI 8me LLC | IPP | Gale 1 Solar | UT | 61170 | 33UI8 | 300.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2027 | 12 | 60799 | 33UI 8me LLC | IPP | Gale 1 Solar | UT | 61170 | 33UI9 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 12 | 64245 | 90FI 8me, LLC | IPP | Kingsley Solar Farm | CA | 64634 | 90FI8 | 225.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 225.0 |
| 2027 | 12 | 64245 | 90FI 8me, LLC | IPP | Kingsley Solar Farm | CA | 64634 | 90FIB | 74.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 74.0 |
| 2027 | 12 | 64904 | AES Clean Energy | IPP | Empire Solar (NY) | NY | 66663 | EMPIR | 125.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 125.0 |
| 2027 | 12 | 64615 | Antares Group Inc | IPP | Elm Spring Solar 1 | VA | 65313 | ES | 3.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2027 | 12 | 64615 | Antares Group Inc | IPP | Shenvalee Solar | VA | 65312 | SV | 3.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2027 | 12 | 64736 | Beartooth Energy Storage, LLC | IPP | Beartooth Energy Storage LLC | MT | 65407 | BEAR1 | 50.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 50.0 |
| 2027 | 12 | 65697 | Briggs Solar, LLC | IPP | Briggs Solar, LLC | TX | 66691 | BRIGG | 305.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 305.0 |
| 2027 | 12 | 65697 | Briggs Solar, LLC | IPP | Briggs Solar, LLC | TX | 66691 | BRUGG | 70.5 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 70.5 |
| 2027 | 12 | 66181 | CPV County Line Solar, LLC | IPP | CPV County Line Solar, LLC | VA | 67352 | CPVCL | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 12 | 63465 | Candela Renewables, LLC | IPP | Rough Hat | NV | 63782 | RH1 | 400.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2027 | 12 | 64389 | ConnectGen Chautauqua County LLC | IPP | South Ripley Solar | NY | 64911 | CSRB1 | 20.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2027 | 12 | 64389 | ConnectGen Chautauqua County LLC | IPP | South Ripley Solar | NY | 64911 | CSRS1 | 270.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 270.0 |
| 2027 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Crane 2 BESS 2 | TX | 66300 | CRBS2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Uvalde 2 BESS 1 | TX | 66304 | UVBS1 | 75.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 75.0 |
| 2027 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Uvalde 2 BESS 2 | TX | 66305 | UVBS2 | 150.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 12 | 56769 | Consolidated Edison Development Inc. | IPP | Uvalde Solar 2 | TX | 66309 | UVPV2 | 300.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2027 | 12 | 61060 | Cypress Creek Renewables | IPP | Bhalu | TX | 67652 | BHALU | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2027 | 12 | 64452 | EDF Renewables Development, Inc. | IPP | Bonanza Solar and Storage Project | NV | 66908 | BZES | 195.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 195.0 |
| 2027 | 12 | 64452 | EDF Renewables Development, Inc. | IPP | Bonanza Solar and Storage Project | NV | 66908 | BZPV | 300.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2027 | 12 | 64452 | EDF Renewables Development, Inc. | IPP | Lycan Solar Project | CA | 66805 | LYCAN | 400.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2027 | 12 | 49893 | Invenergy Services LLC | IPP | Powell Solar | OR | 67157 | BESS1 | 20.5 | Batteries | MWH | BA | (T) Regulatory approvals received. Not under construction | 20.5 |
| 2027 | 12 | 49893 | Invenergy Services LLC | IPP | Powell Solar | OR | 67157 | PV1 | 55.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 55.9 |
| 2027 | 12 | 60223 | Ketchikan Electric Company | Electric Utility | Mahoney Lake Hydroelectric | AK | 59027 | GEN 1 | 9.6 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 9.6 |
| 2027 | 12 | 66187 | Lake Whitney Solar, LLC | IPP | Lake Whitney Solar | TX | 67358 | 4670 | 150.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2027 | 12 | 50123 | Leeward Asset Management, LLC | IPP | Rose Gold Solar | IN | 65471 | RGS23 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2027 | 12 | 61596 | Lincoln Land Energy Center LLC | IPP | Lincoln Land Energy Center | IL | 62022 | GEN1 | 520.0 | Natural Gas Fired Combined Cycle | NG | CS | (P) Planned for installation, but regulatory approvals not initiated | 638.4 |
| 2027 | 12 | 65812 | Lumberton PV I, LLC | IPP | Lumberton PV I, LLC | TX | 66904 | LBTN | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN10 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN11 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN12 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN7 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN8 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN9 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2027 | 12 | 64800 | Nolin Hills Wind, LLC | IPP | Nolin Hills | OR | 60070 | GEN | 300.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2027 | 12 | 61906 | Rye Development | IPP | Allegheny L&D2 Hydroelectric Project | PA | 62401 | NA2 | 2.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 4.5 |
| 2027 | 12 | 61906 | Rye Development | IPP | Emsworth BC Hydroelectric Project | PA | 62434 | NA2 | 4.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2027 | 12 | 61906 | Rye Development | IPP | Emsworth BC Hydroelectric Project | PA | 62434 | NA3 | 5.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2027 | 12 | 61906 | Rye Development | IPP | Emsworth L&D Hydroelectric Project | PA | 62433 | NA3 | 5.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2027 | 12 | 64606 | Steward Creek Solar, LLC | IPP | Steward Creek Solar Phase 1 | IL | 65301 | SC1 | 1,200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1,200.0 |
| 2027 | 12 | 65815 | Sunraycer Assets I LLC | IPP | Lupinus Solar 2, LLC | TX | 66896 | LP2BA | 122.9 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 122.9 |
| 2027 | 12 | 65815 | Sunraycer Assets I LLC | IPP | Lupinus Solar 2, LLC | TX | 66896 | LP2PV | 244.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 244.0 |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Lawrence County Solar | AL | 67233 | SOL1 | 193.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 193.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2027 | 12 | 65777 | Urban Grid Solar | IPP | Fairview Solar (AR) | AR | 66851 | FAIR1 | 75.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 75.0 |
| 2027 | 12 | 65104 | Vermillion Rise Solar, LLC | IPP | Vermillion Rise Solar | IN | 65935 | BAT | 40.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2027 | 12 | 66190 | Waco Solar II, LLC | IPP | Waco Solar II | TX | 67354 | 5698 | 190.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 190.0 |
| 2028 | 1 | 65688 | Cold Creek Solar, LLC | IPP | Cold Creek Solar | NY | 66674 | CCBA | 20.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2028 | 1 | 65688 | Cold Creek Solar, LLC | IPP | Cold Creek Solar | NY | 66674 | CCSOL | 108.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 108.0 |
| 2028 | 1 | 6738 | Franklin Heating Station | Commercial | Franklin Heating Station | MN | 54224 | DG9 | 3.1 | Petroleum Liquids | DFO | IC | (T) Regulatory approvals received. Not under construction | 3.1 |
| 2028 | 1 | 65478 | Gransolar Texas Fourteen, LLC | IPP | Eytcheson Solar | TX | 66398 | EYTCH | 76.4 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 76.4 |
| 2028 | 1 | 65091 | Rosebud Solar, LLC | IPP | Rosebud Solar, LLC | TX | 65899 | ROSEB | 132.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 132.0 |
| 2028 | 2 | 61596 | Lincoln Land Energy Center LLC | IPP | Lincoln Land Energy Center | IL | 62022 | GEN2 | 520.0 | Natural Gas Fired Combined Cycle | NG | CS | (P) Planned for installation, but regulatory approvals not initiated | 638.4 |
| 2028 | 2 | 65777 | Urban Grid Solar | IPP | Spring Valley Solar 2 | AL | 66858 | SPRV2 | 200.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2028 | 3 | 65410 | ACTX BESS Project LLC | IPP | Ash Creek BESS | TX | 66391 | BESS | 306.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 306.0 |
| 2028 | 3 | 63697 | BD Solar Auburn LLC | IPP | Auburn PV - BD Solar Auburn LLC | ME | 64067 | AUBPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2028 | 3 | 63701 | BD Solar Lewiston Junction LLC | IPP | Lewiston Jn PV - BD Solar Lewiston Jn LLC | ME | 64071 | LJNPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2028 | 3 | 15143 | Platte River Power Authority | Electric Utility | Rawhide | CO | 6761 | G | 44.6 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 44.6 |
| 2028 | 3 | 15143 | Platte River Power Authority | Electric Utility | Rawhide | CO | 6761 | H | 44.6 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 44.6 |
| 2028 | 4 | 61060 | Cypress Creek Renewables | IPP | Malala | TX | 67660 | MALAL | 200.0 | Batteries | MWH | BA | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE1 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE2 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE3 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE4 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE5 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 11241 | Entergy Louisiana LLC | Electric Utility | Bayou Power Station | LA | 67541 | RICE6 | 18.8 | Natural Gas Internal Combustion Engine | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.8 |
| 2028 | 4 | 63553 | Haymaker Energy Project LLC | IPP | Haymaker Hybrid | MT | 63878 | HAY | 600.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 600.0 |
| 2028 | 4 | 66255 | RIC Development, LLC | IPP | Blackcat BESS | TX | 67558 | RIC96 | 200.6 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.6 |
| 2028 | 4 | 66255 | RIC Development, LLC | IPP | Menard Solar | TX | 67561 | RIC93 | 90.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 90.0 |
| 2028 | 4 | 66255 | RIC Development, LLC | IPP | Serrano BESS | TX | 67556 | RIC97 | 185.6 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 185.6 |
| 2028 | 4 | 61906 | Rye Development | IPP | Grenada Lake Hydroelectric Project | MS | 62430 | NA1 | 4.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN13 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN14 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN15 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN16 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN17 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 65493 | Navajo Transitional Energy Company | Electric Utility | NTEC Gas Plant | NM | 66478 | GEN18 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 60.5 |
| 2028 | 5 | 61906 | Rye Development | IPP | Grenada Lake Hydroelectric Project | MS | 62430 | NA2 | 4.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2028 | 6 | 50123 | Leeward Asset Management, LLC | IPP | Owens Creek Solar | IL | 65446 | OCS | 500.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 500.0 |
| 2028 | 6 | 13902 | NorthWestern Energy (MT Hydro) | Electric Utility | Hauser | MT | 2185 | HAU9 | 3.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 3.5 |
| 2028 | 6 | 61906 | Rye Development | IPP | Arkabutla Lake Hydroelectric Project | MS | 62402 | NA1 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 6 | 61906 | Rye Development | IPP | Grays Landing L&D Hydroelectric Project | PA | 62388 | NA1 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2028 | 6 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA1 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 6 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA2 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 7 | 65821 | Hecate Grid Intrepid 1 LLC | IPP | Hecate Grid Intrepid | NY | 66911 | HGIN1 | 250.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65821 | Hecate Grid Intrepid 1 LLC | IPP | Hecate Grid Intrepid | NY | 66911 | HGIN6 | 50.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Haiwee Pumped Storage Project | CA | 66686 | HL001 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Haiwee Pumped Storage Project | CA | 66686 | HL002 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Haiwee Pumped Storage Project | CA | 66686 | HL003 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Haiwee Pumped Storage Project | CA | 66686 | HL004 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Intermountain Pumped Storage Project | UT | 66684 | HL001 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Intermountain Pumped Storage Project | UT | 66684 | HL002 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Intermountain Pumped Storage Project | UT | 66684 | HL003 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 65690 | Premium Energy Holdings | IPP | Intermountain Pumped Storage Project | UT | 66684 | HL004 | 250.0 | Hydroelectric Pumped Storage | WAT | PS | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 7 | 61906 | Rye Development | IPP | Arkabutla Lake Hydroelectric Project | MS | 62402 | NA2 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 7 | 61906 | Rye Development | IPP | Grays Landing L&D Hydroelectric Project | PA | 62388 | NA2 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2028 | 7 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA3 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 7 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA4 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 8 | 65457 | Panther Branch Solar, LLC | IPP | Panther Branch Solar, LLC | NC | 66385 | GEN1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2028 | 8 | 61906 | Rye Development | IPP | Morgantown L&D Hydroelectric Project | WV | 62387 | NA1 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 8 | 61906 | Rye Development | IPP | Opekiska L&D Hydroelectric Project | WV | 62386 | NA1 | 2.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2028 | 8 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA5 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 8 | 61906 | Rye Development | IPP | Overton Hydroelectric Project | LA | 62391 | NA6 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 8.1 |
| 2028 | 9 | 61906 | Rye Development | IPP | Morgantown L&D Hydroelectric Project | WV | 62387 | NA2 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 9 | 61906 | Rye Development | IPP | Opekiska L&D Hydroelectric Project | WV | 62386 | NA2 | 2.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2028 | 10 | 63289 | Key Capture Energy | IPP | KCE CT 1, LLC | CT | 66879 | CT1 | 105.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 105.0 |
| 2028 | 10 | 61906 | Rye Development | IPP | Beverly L&D Hydroelectric Project | OH | 62403 | NA1 | 1.2 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2028 | 10 | 61906 | Rye Development | IPP | Devola L&D Hydroelectric Project | OH | 62435 | NA1 | 1.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 10 | 61906 | Rye Development | IPP | Enid Lake Hydroelectric Project | MS | 62432 | NA1 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 10 | 61906 | Rye Development | IPP | KY No. 11 L&D Hydroelectric Project | KY | 62390 | NA1 | 0.3 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2028 | 10 | 61906 | Rye Development | IPP | Lowell L&D Hydroelectric Project | OH | 62429 | NA1 | 2.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 10 | 61906 | Rye Development | IPP | Monongahela L&D4 Hydroelectric Project | PA | 62404 | NA1 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2028 | 10 | 61906 | Rye Development | IPP | Montgomery L&D Hydroelectric Project | PA | 62400 | NA1 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2028 | 10 | 61906 | Rye Development | IPP | Philo L&D Hydroelectric Project | OH | 62427 | NA1 | 1.2 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2028 | 10 | 61906 | Rye Development | IPP | Rokeby L&D Hydroelectric Project | OH | 62426 | NA1 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 10 | 61906 | Rye Development | IPP | Sardis Lake Hydroelectric Project | MS | 62425 | NA1 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 7.5 |
| 2028 | 11 | 58880 | Gallegos Wind Farm LLC | IPP | Gallegos Wind Farm, Phase 1 | NM | 59047 | GEN 1 | 190.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 190.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Beverly L&D Hydroelectric Project | OH | 62403 | NA2 | 1.2 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | Devola L&D Hydroelectric Project | OH | 62435 | NA2 | 1.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Enid Lake Hydroelectric Project | MS | 62432 | NA2 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | KY No. 11 L&D Hydroelectric Project | KY | 62390 | NA2 | 0.3 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | KY No. 11 L&D Hydroelectric Project | KY | 62390 | NA3 | 0.3 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | KY No. 11 L&D Hydroelectric Project | KY | 62390 | NA4 | 0.3 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | KY No. 11 L&D Hydroelectric Project | KY | 62390 | NA5 | 0.3 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 0.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | Lowell L&D Hydroelectric Project | OH | 62429 | NA2 | 2.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | Malta L&D Hydroelectric Project | OH | 62428 | NA1 | 1.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Malta L&D Hydroelectric Project | OH | 62428 | NA2 | 1.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Maxwell L&D Hydroelectric Project | PA | 62385 | NA1 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2028 | 11 | 61906 | Rye Development | IPP | Monongahela L&D4 Hydroelectric Project | PA | 62404 | NA2 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Montgomery L&D Hydroelectric Project | PA | 62400 | NA2 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2028 | 11 | 61906 | Rye Development | IPP | Philo L&D Hydroelectric Project | OH | 62427 | NA2 | 1.2 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 1.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | Point Marion L&D Hydroelectric Project | PA | 62384 | NA1 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 11 | 61906 | Rye Development | IPP | Rokeby L&D Hydroelectric Project | OH | 62426 | NA2 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2028 | 11 | 61906 | Rye Development | IPP | Sardis Lake Hydroelectric Project | MS | 62425 | NA2 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 7.5 |
| 2028 | 12 | 64246 | 99MT 8me, LLC | IPP | Sienna Solar Farm | CA | 64632 | 99MT8 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2028 | 12 | 64246 | 99MT 8me, LLC | IPP | Sienna Solar Farm | CA | 64632 | 99MTB | 200.0 | Batteries | MWH | BA | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2028 | 12 | 61817 | Collard Holdings, LLC | IPP | Collard Holdings Solar | NC | 62317 | PV | 10.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 10.0 |
| 2028 | 12 | 64388 | ConnectGen Montgomery County LLC | IPP | Mill Point Solar | NY | 64912 | CMPS1 | 250.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2028 | 12 | 61956 | Mount Sinai South Nassau Hospital | Commercial | Mount Sinai South Nassau Hospital | NY | 62447 | 5 | 3.9 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 3.9 |
| 2028 | 12 | 61956 | Mount Sinai South Nassau Hospital | Commercial | Mount Sinai South Nassau Hospital | NY | 62447 | 6 | 3.9 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 3.9 |
| 2028 | 12 | 61784 | Rolling Upland Wind Farm LLC | IPP | Rolling Upland Wind Farm LLC | NY | 62262 | GEN1 | 71.4 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 71.4 |
| 2028 | 12 | 61906 | Rye Development | IPP | Maxwell L&D Hydroelectric Project | PA | 62385 | NA2 | 4.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.0 |
| 2028 | 12 | 61906 | Rye Development | IPP | Montgomery L&D Hydroelectric Project | PA | 62400 | NA3 | 5.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 6.8 |
| 2028 | 12 | 61906 | Rye Development | IPP | Point Marion L&D Hydroelectric Project | PA | 62384 | NA2 | 1.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 2.5 |
| 2028 | 12 | 64540 | TransAlta Corporation | IPP | Prairie Violet Wind LLC | IL | 66343 | PVLET | 130.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 130.0 |
| 2028 | 12 | 66259 | Vista Sands Solar LLC | IPP | Vista Sands Solar | WI | 67551 | VISTA | 1,182.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 1,182.0 |
| 2029 | 7 | 64904 | AES Clean Energy | IPP | Riverside Solar LLC | NY | 67325 | NYRIV | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2029 | 12 | 65708 | Buffalo Branch Wind and Solar LLC | IPP | Buffalo Branch Wind and Solar LLC | MO | 66701 | BB1 | 247.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 247.0 |
| 2029 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | I-A | 892.8 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 892.8 |
| 2029 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | I-B | 885.6 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 885.6 |
| 2030 | 1 | 1182 | BASF Corporation | Industrial | Geismar | LA | 10319 | GEN4 | 42.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 45.0 |
| 2030 | 1 | 1182 | BASF Corporation | Industrial | Geismar | LA | 10319 | GEN5 | 25.0 | Natural Gas Steam Turbine | NG | ST | (P) Planned for installation, but regulatory approvals not initiated | 25.0 |
| 2030 | 1 | 55983 | Luminant Generation Company LLC | IPP | Alira | TX | 63193 | UNIT1 | 222.8 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 222.8 |
| 2030 | 10 | 65110 | Winding Stair Wind | IPP | Winding Stair Wind | IA | 65938 | WINDG | 212.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 212.0 |
| 2030 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | II-A | 980.1 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 980.1 |
| 2031 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | II-B | 792.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 792.0 |

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 2 | 15248 | Portland General Electric Co | Electric Utility | Salem Smart Power Center | OR | 60441 | SSPC | 5.0 | Batteries | MWH | BA |
| 2024 | 5 | 58535 | Eagle Valley Clean Energy LLC | IPP | Eagle Valley Clean Energy LLC Biomass | CO | 58574 | 01 | 12.6 | Wood/Wood Waste Biomass | WDS | ST |
| 2024 | 6 | 35 | AES WR Ltd Partnership | Electric CHP | AES Warrior Run Cogeneration Facility | MD | 10678 | GEN1 | 180.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 6 | 56606 | Calpine New Jersey Generation LLC | IPP | Carlls Corner | NJ | 2379 | CA1 | 37.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 6 | 56606 | Calpine New Jersey Generation LLC | IPP | Carlls Corner | NJ | 2379 | CA2 | 39.2 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 6 | 56606 | Calpine New Jersey Generation LLC | IPP | Mickleton Station | NJ | 8008 | MICK | 63.7 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 6 | 3265 | Cleco Power LLC | Electric Utility | Teche | LA | 1400 | 3 | 250.0 | Natural Gas Steam Turbine | NG | ST |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | GT81 | 228.8 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | GT82 | 230.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | GT93 | 229.9 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | GT94 | 229.6 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | ST85 | 244.6 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 6 | 49965 | Constellation Mystic Power LLC | IPP | Mystic Generating Station | MA | 1588 | ST96 | 250.7 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 6 | 12653 | Lanyard Power Holdings, LLC | IPP | Morgantown Generating Plant | MD | 1573 | 5 | 54.0 | Petroleum Liquids | DFO | GT |
| 2024 | 6 | 12653 | Lanyard Power Holdings, LLC | IPP | Morgantown Generating Plant | MD | 1573 | 6 | 54.0 | Petroleum Liquids | DFO | GT |
| 2024 | 7 | 11208 | Los Angeles Department of Water & Power | Commercial | North Hollywood | CA | 57854 | 1PT1 | 1.8 | Conventional Hydroelectric | WAT | HY |
| 2024 | 7 | 11208 | Los Angeles Department of Water & Power | Commercial | North Hollywood | CA | 57854 | 1PT2 | 1.8 | Conventional Hydroelectric | WAT | HY |
| 2024 | 7 | 11208 | Los Angeles Department of Water & Power | Commercial | North Hollywood | CA | 57854 | 1PT3 | 1.8 | Conventional Hydroelectric | WAT | HY |
| 2024 | 7 | 11208 | Los Angeles Department of Water & Power | Commercial | North Hollywood | CA | 57854 | 3T1 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2024 | 7 | 11208 | Los Angeles Department of Water & Power | Commercial | North Hollywood | CA | 57854 | 3T2 | 0.2 | Conventional Hydroelectric | WAT | HY |
| 2024 | 7 | 20541 | Wheelabrator Environmental Systems | Commercial | Wheelabrator Portsmouth | VA | 54998 | 1410 | 15.5 | Municipal Solid Waste | MSW | ST |
| 2024 | 7 | 20541 | Wheelabrator Environmental Systems | Commercial | Wheelabrator Portsmouth | VA | 54998 | 1420 | 15.5 | Municipal Solid Waste | MSW | ST |
| 2024 | 7 | 20541 | Wheelabrator Environmental Systems | Commercial | Wheelabrator Portsmouth | VA | 54998 | 1430 | 15.5 | Municipal Solid Waste | MSW | ST |
| 2024 | 8 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN2 | 80.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 8 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN3 | 94.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 8 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN4 | 49.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2024 | 8 | 16534 | Sacramento Municipal Util Dist | Electric Utility | White Rock/Slab Creek | CA | 435 | H4 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2024 | 9 | 1058 | B Braun Medical Inc | Industrial | B Braun Medical | CA | 50200 | GEN1 | 2.7 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 9 | 1058 | B Braun Medical Inc | Industrial | B Braun Medical | CA | 50200 | GEN2 | 3.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 1A | 1.1 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 2A | 1.1 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 3A | 1.1 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 4 | 1.1 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 8 | 1.3 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 1278 | City of Barron - (WI) | Electric Utility | Barron | WI | 4102 | 9 | 2.0 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 8453 | Hendricks Regional Health | Commercial | Hendricks Regional Health | IN | 54731 | GEO1 | 0.5 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 8453 | Hendricks Regional Health | Commercial | Hendricks Regional Health | IN | 54731 | GEO2 | 0.5 | Petroleum Liquids | DFO | IC |
| 2024 | 9 | 8453 | Hendricks Regional Health | Commercial | Hendricks Regional Health | IN | 54731 | GEO3 | 0.3 | Petroleum Liquids | DFO | IC |
| 2024 | 10 | 61950 | Terra-Gen Operating Co-Solar | IPP | SEGS IX | CA | 10446 | GEN1 | 88.0 | Solar Thermal without Energy Storage | SUN | ST |
| 2024 | 11 | 5347 | Dow Chemical Co | Industrial | LaO Energy Systems | LA | 52006 | GEN6 | 52.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2024 | 12 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | G G Allen | NC | 2718 | 1 | 120.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 12 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | G G Allen | NC | 2718 | 5 | 259.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 12 | 5701 | El Paso Electric Co | Electric Utility | Rio Grande | NM | 2444 | 6 | 45.0 | Natural Gas Steam Turbine | NG | ST |
| 2024 | 12 | 7601 | Green Mountain Power Corp | Electric Utility | Rutland | VT | 3723 | GT5 | 8.4 | Petroleum Liquids | DFO | IC |
| 2024 | 12 | 59504 | Kirkwood Community College | IPP | Kirkwood Wind Turbine | IA | 59735 | KCC01 | 0.7 | Onshore Wind Turbine | WND | WT |
| 2024 | 12 | 11249 | Louisville Gas & Electric Co | Electric Utility | Mill Creek (KY) | KY | 1364 | 1 | 300.0 | Conventional Steam Coal | BIT | ST |
| 2024 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Apple River | WI | 6231 | 1 | 0.4 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Apple River | WI | 6231 | 3 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Apple River | WI | 6231 | 4 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 13914 | Occidental Chemical Corporation | Industrial | Wichita Plant | KS | 50169 | GEN1 | 27.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 14328 | Pacific Gas & Electric Co. | Electric Utility | Cow Creek | CA | 229 | 1 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 14328 | Pacific Gas & Electric Co. | Electric Utility | Cow Creek | CA | 229 | 2 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 14328 | Pacific Gas & Electric Co. | Electric Utility | Kilarc | CA | 253 | 1 | 1.6 | Conventional Hydroelectric | WAT | HY |
| 2024 | 12 | 15400 | Procter & Gamble Co | Industrial | Procter & Gamble Cincinnati Plant | OH | 50456 | GEN1 | 11.7 | Natural Gas Steam Turbine | NG | ST |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G10 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G11 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G12 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G13 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G14 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G15 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G16 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G17 | 46.4 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G18 | 46.4 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G19 | 46.4 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | G20 | 46.4 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT1 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT2 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT3 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT4 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT5 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT6 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT7 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT8 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Allen | TN | 3393 | GT9 | 15.1 | Petroleum Liquids | DFO | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G10 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G11 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G12 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G13 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G14 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G15 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | G16 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT1 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT2 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT3 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT4 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT5 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT6 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT7 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT8 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2024 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | GT9 | 47.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 1 | 17568 | Cooperative Energy | Electric Utility | Moselle | MS | 2070 | 3 | 59.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 3 | 16604 | City of San Antonio - (TX) | Electric Utility | V H Braunig | TX | 3612 | 1 | 217.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 3 | 16604 | City of San Antonio - (TX) | Electric Utility | V H Braunig | TX | 3612 | 2 | 230.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 3 | 16604 | City of San Antonio - (TX) | Electric Utility | V H Braunig | TX | 3612 | 3 | 412.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Pea Ridge | FL | 7715 | 1 | 4.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Pea Ridge | FL | 7715 | 2 | 4.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Pea Ridge | FL | 7715 | 3 | 4.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 4 | 65792 | IIT Energy Tech Partners, LLC | Commercial | ITT Cogen Facility | IL | 52021 | GEN1 | 3.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 4 | 65792 | IIT Energy Tech Partners, LLC | Commercial | ITT Cogen Facility | IL | 52021 | GEN2 | 3.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 5 | 4254 | Consumers Energy Co - (MI) | Electric Utility | J H Campbell | MI | 1710 | 1 | 260.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 5 | 4254 | Consumers Energy Co - (MI) | Electric Utility | J H Campbell | MI | 1710 | 2 | 355.5 | Conventional Steam Coal | SUB | ST |
| 2025 | 5 | 4254 | Consumers Energy Co - (MI) | Electric Utility | J H Campbell | MI | 1710 | 3 | 784.6 | Conventional Steam Coal | SUB | ST |
| 2025 | 5 | 20847 | Wisconsin Electric Power Co | Electric Utility | South Oak Creek | WI | 4041 | 7 | 306.5 | Conventional Steam Coal | SUB | ST |
| 2025 | 5 | 20847 | Wisconsin Electric Power Co | Electric Utility | South Oak Creek | WI | 4041 | 8 | 309.5 | Conventional Steam Coal | SUB | ST |
| 2025 | 6 | 60421 | Brandon Shores LLC | IPP | Brandon Shores | MD | 602 | 1 | 635.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 6 | 60421 | Brandon Shores LLC | IPP | Brandon Shores | MD | 602 | 2 | 638.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 6 | 6035 | Constellation Power, Inc | IPP | Eddystone Generating Station | PA | 3161 | 3 | 380.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 6 | 6035 | Constellation Power, Inc | IPP | Eddystone Generating Station | PA | 3161 | 4 | 380.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 6 | 814 | Entergy Arkansas LLC | Electric Utility | Lake Catherine | AR | 170 | 4 | 522.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 6 | 11241 | Entergy Louisiana LLC | Electric Utility | Waterford 1 & 2 | LA | 8056 | 2 | 416.8 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 6 | 60422 | H.A. Wagner LLC | IPP | Herbert A Wagner | MD | 1554 | 1 | 126.0 | Petroleum Liquids | DFO | ST |
| 2025 | 6 | 60422 | H.A. Wagner LLC | IPP | Herbert A Wagner | MD | 1554 | 3 | 305.0 | Petroleum Liquids | DFO | ST |
| 2025 | 6 | 60422 | H.A. Wagner LLC | IPP | Herbert A Wagner | MD | 1554 | 4 | 397.0 | Petroleum Liquids | DFO | ST |
| 2025 | 6 | 19830 | NRG Vienna Operations Inc | IPP | Vienna Operations | MD | 1564 | 10 | 14.3 | Petroleum Liquids | DFO | GT |
| 2025 | 6 | 19830 | NRG Vienna Operations Inc | IPP | Vienna Operations | MD | 1564 | 8 | 153.0 | Petroleum Liquids | RFO | ST |
| 2025 | 6 | 66075 | Old Gold Energy Center, LLC | IPP | Old Gold Energy Center, LLC | IA | 55804 | NM | 80.0 | Onshore Wind Turbine | WND | WT |
| 2025 | 6 | 18414 | TES Filer City Station LP | Electric CHP | TES Filer City Station | MI | 50835 | GEN1 | 60.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 6 | 20856 | Wisconsin Power & Light Co | Electric Utility | Edgewater | WI | 4050 | 5 | 406.1 | Conventional Steam Coal | SUB | ST |
| 2025 | 7 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Intermountain Power Project | UT | 6481 | 1 | 900.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 7 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Intermountain Power Project | UT | 6481 | 2 | 900.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 7 | 13781 | Northern States Power Co - Minnesota | Electric Utility | White River (WI) | WI | 3989 | 1 | 0.2 | Conventional Hydroelectric | WAT | HY |
| 2025 | 7 | 13781 | Northern States Power Co - Minnesota | Electric Utility | White River (WI) | WI | 3989 | 2 | 0.2 | Conventional Hydroelectric | WAT | HY |
| 2025 | 8 | 13157 | City of Omaha | Commercial | Papillion Creek Wastewater | NE | 55027 | 951 | 0.5 | Other Waste Biomass | OBG | IC |
| 2025 | 8 | 13157 | City of Omaha | Commercial | Papillion Creek Wastewater | NE | 55027 | 952 | 0.5 | Other Waste Biomass | OBG | IC |
| 2025 | 8 | 13157 | City of Omaha | Commercial | Papillion Creek Wastewater | NE | 55027 | 953 | 0.5 | Other Waste Biomass | OBG | IC |
| 2025 | 8 | 14328 | Pacific Gas & Electric Co. | Electric Utility | Diablo Canyon | CA | 6099 | 2 | 1,118.0 | Nuclear | NUC | ST |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GE10 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GE11 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GE12 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GE13 | 0.8 | Landfill Gas | LFG | IC |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GE14 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GEN5 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GEN6 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GEN7 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GEN8 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 10 | 17283 | Seneca Energy II | IPP | Seneca Energy | NY | 54782 | GEN9 | 0.8 | Landfill Gas | LFG | IC |
| 2025 | 11 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Trego | WI | 4012 | 1 | 0.4 | Conventional Hydroelectric | WAT | HY |
| 2025 | 11 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Trego | WI | 4012 | 2 | 0.3 | Conventional Hydroelectric | WAT | HY |
| 2025 | 12 | 2138 | Brainerd Public Utilities | Electric Utility | Brainerd Public Utilities | MN | 50636 | 4 | 0.6 | Conventional Hydroelectric | WAT | HY |
| 2025 | 12 | 65384 | Cartier Energy, LLC | Commercial | Hartford Hospital Cogeneration | CT | 52061 | GEN2 | 2.4 | Natural Gas Fired Combined Cycle | NG | CA |
| 2025 | 12 | 65384 | Cartier Energy, LLC | Commercial | Hartford Hospital Cogeneration | CT | 52061 | GEN3 | 6.2 | Natural Gas Fired Combined Cycle | NG | CT |
| 2025 | 12 | 3249 | Central Hudson Gas & Elec Corp | Electric Utility | Central Hudson High Falls | NY | 579 | 1 | 3.2 | Conventional Hydroelectric | WAT | HY |
| 2025 | 12 | 3249 | Central Hudson Gas & Elec Corp | Electric Utility | West Coxsackie | NY | 2487 | GT1 | 20.2 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 17539 | Dominion Energy South Carolina, Inc | Electric Utility | Coit GT | SC | 3281 | 1 | 14.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 17539 | Dominion Energy South Carolina, Inc | Electric Utility | Coit GT | SC | 3281 | 2 | 12.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 5517 | Dynegy Midwest Generation Inc | IPP | Baldwin Energy Complex | IL | 889 | 1 | 576.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 5517 | Dynegy Midwest Generation Inc | IPP | Baldwin Energy Complex | IL | 889 | 2 | 581.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 5701 | El Paso Electric Co | Electric Utility | Rio Grande | NM | 2444 | 7 | 46.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 12 | 13756 | Northern Indiana Pub Serv Co | Electric Utility | R M Schahfer | IN | 6085 | 17 | 361.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 13756 | Northern Indiana Pub Serv Co | Electric Utility | R M Schahfer | IN | 6085 | 18 | 361.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Angus Anson | SD | 7237 | 1 | 90.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Angus Anson | SD | 7237 | 2 | 90.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 1 | 36.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 2 | 36.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 3 | 36.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 4 | 39.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Sherburne County | MN | 6090 | 1 | 680.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wheaton | WI | 4014 | 1 | 44.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wheaton | WI | 4014 | 2 | 51.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wheaton | WI | 4014 | 3 | 44.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wheaton | WI | 4014 | 4 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wheaton | WI | 4014 | 6 | 48.0 | Petroleum Liquids | DFO | GT |
| 2025 | 12 | 14610 | Orlando Utilities Comm | Electric Utility | Stanton Energy Center | FL | 564 | 1 | 453.4 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 17470 | PUD No 1 of Snohomish County | Electric Utility | MESA 1 | WA | 60016 | A | 1.0 | Batteries | MWH | BA |
| 2025 | 12 | 17470 | PUD No 1 of Snohomish County | Electric Utility | MESA 1 | WA | 60016 | B | 1.0 | Batteries | MWH | BA |
| 2025 | 12 | 14354 | PacifiCorp | Electric Utility | Naughton | WY | 4162 | 1 | 156.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 14354 | PacifiCorp | Electric Utility | Naughton | WY | 4162 | 2 | 201.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Comanche (CO) | CO | 470 | 2 | 335.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 17166 | Sierra Pacific Power Co | Electric Utility | North Valmy | NV | 8224 | 1 | 254.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 17166 | Sierra Pacific Power Co | Electric Utility | North Valmy | NV | 8224 | 2 | 268.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 17633 | Southern Indiana Gas & Elec Co | Electric Utility | F B Culley | IN | 1012 | 2 | 90.0 | Conventional Steam Coal | BIT | ST |
| 2025 | 12 | 17698 | Southwestern Electric Power Co | Electric Utility | Arsenal Hill | LA | 1416 | 5 | 110.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Cunningham | NM | 2454 | 2 | 183.0 | Natural Gas Steam Turbine | NG | ST |
| 2025 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Maddox | NM | 2446 | 2 | 61.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Maddox | NM | 2446 | 3 | 10.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2025 | 12 | 19099 | TransAlta Centralia Gen LLC | IPP | Transalta Centralia Generation | WA | 3845 | 2 | 670.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 30151 | Tri-State G & T Assn, Inc | Electric Utility | Craig (CO) | CO | 6021 | 1 | 427.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 19436 | Union Electric Co - (MO) | Electric Utility | Rush Island | MO | 6155 | 1 | 589.0 | Conventional Steam Coal | SUB | ST |
| 2025 | 12 | 19436 | Union Electric Co - (MO) | Electric Utility | Rush Island | MO | 6155 | 2 | 589.0 | Conventional Steam Coal | SUB | ST |
| 2026 | 4 | 7490 | Grand River Dam Authority | Electric Utility | GREC | OK | 165 | 2 | 492.5 | Conventional Steam Coal | SUB | ST |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 13WT | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 14wt | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 15WT | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 16WT | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 17WT | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 1WT | 0.6 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 2WT | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 3WT | 0.2 | Onshore Wind Turbine | WND | WT |
| 2026 | 5 | 57015 | Third Taxing District of Norwalk | Electric Utility | Norden 1-3 | CT | 57689 | NORD1 | 2.0 | Petroleum Liquids | DFO | IC |
| 2026 | 5 | 57015 | Third Taxing District of Norwalk | Electric Utility | Norden 1-3 | CT | 57689 | NORD2 | 2.0 | Petroleum Liquids | DFO | IC |
| 2026 | 5 | 57015 | Third Taxing District of Norwalk | Electric Utility | Norden 1-3 | CT | 57689 | NORD3 | 2.0 | Petroleum Liquids | DFO | IC |
| 2026 | 6 | 14605 | City of Peabody - (MA) | Electric Utility | Waters River | MA | 1678 | 1 | 16.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 6 | 11241 | Entergy Louisiana LLC | Electric Utility | Little Gypsy | LA | 1402 | 2 | 412.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Sabine | TX | 3459 | 3 | 374.9 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Sabine | TX | 3459 | 4 | 490.8 | Natural Gas Steam Turbine | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2026 | 6 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT1 | 9.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 6 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT2 | 9.7 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 6 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT3 | 12.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 6 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT4 | 5.8 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 6 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | 11wt | 0.1 | Onshore Wind Turbine | WND | WT |
| 2026 | 6 | 13902 | NorthWestern Energy (MT Hydro) | Electric Utility | Hauser | MT | 2185 | HAU3 | 2.8 | Conventional Hydroelectric | WAT | HY |
| 2026 | 6 | 20856 | Wisconsin Power & Light Co | Electric Utility | Columbia (WI) | WI | 8023 | 1 | 556.2 | Conventional Steam Coal | SUB | ST |
| 2026 | 6 | 20856 | Wisconsin Power & Light Co | Electric Utility | Columbia (WI) | WI | 8023 | 2 | 561.8 | Conventional Steam Coal | SUB | ST |
| 2026 | 8 | 60474 | Vanguard Energy Partners, LLC | IPP | Bergenmand Solar Partners, LLC Mahwah | NJ | 63200 | SA1 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2026 | 10 | 60094 | Clinton Battery Utility, LLC | IPP | Clinton Battery | OH | 60297 | 1 | 5.0 | Batteries | MWH | BA |
| 2026 | 10 | 55937 | Entergy Texas Inc. | Electric Utility | Sabine | TX | 3459 | 1 | 201.1 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 10 | 6909 | Gainesville Regional Utilities | Electric Utility | Deerhaven Generating Station | FL | 663 | GT1 | 17.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 10 | 6909 | Gainesville Regional Utilities | Electric Utility | Deerhaven Generating Station | FL | 663 | GT2 | 17.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 10 | 21048 | Wyandotte Municipal Serv Comm | Electric Utility | Wyandotte | MI | 1866 | 4 | 10.5 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 10 | 21048 | Wyandotte Municipal Serv Comm | Electric Utility | Wyandotte | MI | 1866 | 7 | 32.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 11 | 60538 | Vitro Architectural Glass | Industrial | Works 4 | TX | 54364 | L2G | 2.0 | Petroleum Liquids | DFO | IC |
| 2026 | 12 | 22148 | AES Alamitos LLC | IPP | AES Alamitos LLC | CA | 315 | 3 | 332.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 22148 | AES Alamitos LLC | IPP | AES Alamitos LLC | CA | 315 | 4 | 335.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 22148 | AES Alamitos LLC | IPP | AES Alamitos LLC | CA | 315 | 5 | 485.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 23693 | AES Huntington Beach LLC | IPP | AES Huntington Beach LLC | CA | 335 | 2 | 225.8 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 9332 | Indian River Operations Inc | IPP | Indian River Generating Station | DE | 594 | 4 | 410.0 | Conventional Steam Coal | BIT | ST |
| 2026 | 12 | 61944 | MN8 Energy LLC | IPP | L'Oreal Piscataway | NJ | 57868 | UNIT1 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2026 | 12 | 61944 | MN8 Energy LLC | IPP | L'Oreal Piscataway | NJ | 57868 | UNIT2 | 0.3 | Solar Photovoltaic | SUN | PV |
| 2026 | 12 | 61944 | MN8 Energy LLC | IPP | L'Oreal Piscataway | NJ | 57868 | UNIT3 | 0.3 | Solar Photovoltaic | SUN | PV |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 1 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 2 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 3 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 4 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 5 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 6 | 47.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 7 | 1.8 | Petroleum Liquids | DFO | GT |
| 2026 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Inver Hills | MN | 1913 | 8 | 1.8 | Petroleum Liquids | DFO | GT |
| 2026 | 12 | 14127 | Omaha Public Power District | Electric Utility | North Omaha | NE | 2291 | 1 | 63.0 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 14127 | Omaha Public Power District | Electric Utility | North Omaha | NE | 2291 | 2 | 83.4 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 14127 | Omaha Public Power District | Electric Utility | North Omaha | NE | 2291 | 3 | 92.5 | Natural Gas Steam Turbine | NG | ST |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Alamosa | CO | 464 | CT1 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Alamosa | CO | 464 | CT2 | 14.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Fort Lupton | CO | 8067 | 1 | 44.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Fort Lupton | CO | 8067 | 2 | 44.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Fruita | CO | 471 | 1 | 14.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Valmont | CO | 477 | 6 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2026 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Cumberland (TN) | TN | 3399 | 2 | 1,231.0 | Conventional Steam Coal | BIT | ST |
| 2026 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 7 | 174.0 | Conventional Steam Coal | SUB | ST |
| 2026 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 8 | 174.0 | Conventional Steam Coal | SUB | ST |
| 2026 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 9 | 174.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 1 | 3476 | DTE San Diego COGEN Inc. | Commercial | Childrens Hospital | CA | 10175 | 0799 | 2.0 | Petroleum Liquids | DFO | IC |
| 2027 | 1 | 63844 | Ellwood Power, LLC | IPP | Ellwood | CA | 8076 | 01 | 54.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2027 | 1 | 63843 | Ormond Beach Power, LLC | IPP | Ormond Beach | CA | 350 | 1 | 741.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 1 | 63843 | Ormond Beach Power, LLC | IPP | Ormond Beach | CA | 350 | 2 | 750.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 2 | 56997 | Marina Energy LLC | IPP | Heller Industrial Parks | NJ | 57869 | HH | 0.5 | Solar Photovoltaic | SUN | PV |
| 2027 | 2 | 56997 | Marina Energy LLC | IPP | Heller Industrial Parks | NJ | 57869 | HII | 0.4 | Solar Photovoltaic | SUN | PV |
| 2027 | 2 | 56997 | Marina Energy LLC | IPP | Heller Industrial Parks | NJ | 57869 | HJC | 0.2 | Solar Photovoltaic | SUN | PV |
| 2027 | 2 | 56997 | Marina Energy LLC | IPP | Heller Industrial Parks | NJ | 57869 | UNIT1 | 2.7 | Solar Photovoltaic | SUN | PV |
| 2027 | 3 | 16604 | City of San Antonio - (TX) | Electric Utility | O W Sommers | TX | 3611 | 1 | 420.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 3 | 60538 | Vitro Architectural Glass | Industrial | Works 4 | TX | 54364 | L1G | 2.0 | Petroleum Liquids | DFO | IC |
| 2027 | 4 | 5695 | Desert Star Energy Center SDG&E | Electric Utility | Desert Star Energy Center | NV | 55077 | ED01 | 140.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2027 | 4 | 5695 | Desert Star Energy Center SDG&E | Electric Utility | Desert Star Energy Center | NV | 55077 | ED02 | 140.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2027 | 4 | 5695 | Desert Star Energy Center SDG&E | Electric Utility | Desert Star Energy Center | NV | 55077 | ED03 | 170.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2027 | 6 | 65159 | BT Generation Holdings, LLC | IPP | Tanner Street Generation | MA | 54586 | TRENT | 58.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2027 | 6 | 65159 | BT Generation Holdings, LLC | IPP | Tanner Street Generation | MA | 54586 | VAX | 17.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2027 | 6 | 16612 | City & County of San Francisco | Commercial | SF Southeast Cogen Plant | CA | 57971 | COGEN | 2.1 | Other Waste Biomass | OBG | IC |
| 2027 | 6 | 11249 | Louisville Gas & Electric Co | Electric Utility | Mill Creek (KY) | KY | 1364 | 2 | 297.0 | Conventional Steam Coal | BIT | ST |
| 2027 | 6 | 64726 | Rivers Electric, LLC | IPP | Mill Pond Hydro | NY | 65399 | U2 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2027 | 7 | 59918 | Dynegy Kincaid Generation | IPP | Kincaid Generation LLC | IL | 876 | 1 | 556.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 7 | 59918 | Dynegy Kincaid Generation | IPP | Kincaid Generation LLC | IL | 876 | 2 | 556.0 | Conventional Steam Coal | SUB | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2027 | 8 | 61364 | Lockheed Martin RMS Syracuse | Industrial | Lockheed Martin RMS Syracuse | NY | 61739 | SYR1 | 1.0 | Batteries | MWH | BA |
| 2027 | 12 | 56570 | Coleto Creek Power LP | IPP | Coleto Creek | TX | 6178 | 1 | 655.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 1 | 73.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 2 | 73.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 6909 | Gainesville Regional Utilities | Electric Utility | Deerhaven Generating Station | FL | 663 | 1 | 76.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 520 | Illinois Power Generating Co | IPP | Newton | IL | 6017 | 1 | 595.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 59919 | Luminant Miami Fort | IPP | Miami Fort | OH | 2832 | 7 | 510.0 | Conventional Steam Coal | BIT | ST |
| 2027 | 12 | 59919 | Luminant Miami Fort | IPP | Miami Fort | OH | 2832 | 8 | 510.0 | Conventional Steam Coal | BIT | ST |
| 2027 | 12 | 12686 | Mississippi Power Co | Electric Utility | Victor J Daniel Jr | MS | 6073 | 1 | 502.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 12686 | Mississippi Power Co | Electric Utility | Victor J Daniel Jr | MS | 6073 | 2 | 502.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Red Wing | MN | 1926 | 1 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Red Wing | MN | 1926 | 2 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 1 | 1.8 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 2 | 1.8 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 3 | 1.9 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 4 | 1.9 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 5 | 2.0 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 6 | 1.9 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 7 | 2.0 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | St Croix Falls | WI | 4011 | 8 | 1.9 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wilmarth | MN | 1934 | 1 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2027 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wilmarth | MN | 1934 | 2 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2027 | 12 | 14354 | PacifiCorp | Electric Utility | Dave Johnston | WY | 4158 | 1 | 93.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 14354 | PacifiCorp | Electric Utility | Dave Johnston | WY | 4158 | 2 | 102.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 14354 | PacifiCorp | Electric Utility | Dave Johnston | WY | 4158 | 3 | 220.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 14354 | PacifiCorp | Electric Utility | Dave Johnston | WY | 4158 | 4 | 330.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Cherokee | CO | 469 | 4 | 310.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Hayden | CO | 525 | 2 | 262.0 | Conventional Steam Coal | BIT | ST |
| 2027 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Salida | CO | 474 | 2 | 0.6 | Conventional Hydroelectric | WAT | HY |
| 2027 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Nichols | TX | 3484 | 2 | 106.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Plant X | TX | 3485 | 4 | 190.0 | Natural Gas Steam Turbine | NG | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 1 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 2 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 3 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 4 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 5 | 174.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Kingston | TN | 3407 | 6 | 174.0 | Conventional Steam Coal | SUB | ST |
| 2027 | 12 | 24211 | Tucson Electric Power Co | Electric Utility | Springerville | AZ | 8223 | 1 | 381.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 1 | 56997 | Marina Energy LLC | IPP | Freeze Solar | NJ | 60759 | PV1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2028 | 1 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Allen S King | MN | 1915 | 1 | 511.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 1 | 17698 | Southwestern Electric Power Co | Electric Utility | Welsh | TX | 6139 | 1 | 500.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 1 | 17698 | Southwestern Electric Power Co | Electric Utility | Welsh | TX | 6139 | 3 | 500.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Altavista Power Station | VA | 10773 | 1 | 51.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2028 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Hopewell Power Station | VA | 10771 | 1 | 51.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2028 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Southampton Power Station | VA | 10774 | 1 | 51.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2028 | 5 | 56997 | Marina Energy LLC | IPP | Heller 400M | NJ | 62438 | A | 0.8 | Solar Photovoltaic | SUN | PV |
| 2028 | 5 | 56997 | Marina Energy LLC | IPP | Heller 400M | NJ | 62438 | B | 0.2 | Solar Photovoltaic | SUN | PV |
| 2028 | 5 | 56997 | Marina Energy LLC | IPP | Heller 400M | NJ | 62438 | C | 0.2 | Solar Photovoltaic | SUN | PV |
| 2028 | 5 | 56997 | Marina Energy LLC | IPP | Heller Industrial Parks | NJ | 57869 | HM | 0.8 | Solar Photovoltaic | SUN | PV |
| 2028 | 5 | 13756 | Northern Indiana Pub Serv Co | Electric Utility | Michigan City | IN | 997 | 12 | 455.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 1 | 2.0 | Petroleum Liquids | DFO | IC |
| 2028 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 2 | 2.0 | Petroleum Liquids | DFO | IC |
| 2028 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 3 | 2.0 | Petroleum Liquids | DFO | IC |
| 2028 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Fort Churchill | NV | 2330 | 1 | 113.0 | Natural Gas Steam Turbine | NG | ST |
| 2028 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Fort Churchill | NV | 2330 | 2 | 113.0 | Natural Gas Steam Turbine | NG | ST |
| 2028 | 9 | 30151 | Tri-State G & T Assn, Inc | Electric Utility | Craig (CO) | CO | 6021 | 2 | 410.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 11 | 56898 | Sunnyvale City of WPCP | Electric Utility | Sunnyvale City of WPCP | CA | 57557 | S-14 | 0.8 | Natural Gas Internal Combustion Engine | NG | IC |
| 2028 | 12 | 61412 | Cardinal Operating Company | IPP | Cardinal | OH | 2828 | 3 | 620.0 | Conventional Steam Coal | BIT | ST |
| 2028 | 12 | 16604 | City of San Antonio - (TX) | Electric Utility | J K Spruce | TX | 7097 | 1 | 560.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 5109 | DTE Electric Company | Electric Utility | Belle River | MI | 6034 | ST1 | 635.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 5109 | DTE Electric Company | Electric Utility | Belle River | MI | 6034 | ST2 | 635.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 5109 | DTE Electric Company | Electric Utility | Monroe (MI) | MI | 1733 | 3 | 773.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 5109 | DTE Electric Company | Electric Utility | Monroe (MI) | MI | 1733 | 4 | 762.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 9324 | Indiana Michigan Power Co | Electric Utility | Rockport | IN | 6166 | 1 | 1,300.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 9324 | Indiana Michigan Power Co | Electric Utility | Rockport | IN | 6166 | 2 | 1,300.0 | Conventional Steam Coal | SUB | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2028 | 12 | 61944 | MN8 Energy LLC | IPP | ACCC Mays Landing | NJ | 60802 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2028 | 12 | 61944 | MN8 Energy LLC | IPP | IFF Hazlet | NJ | 60709 | GRND | 3.0 | Solar Photovoltaic | SUN | PV |
| 2028 | 12 | 11843 | Maui Electric Co Ltd | Electric Utility | Kahului | HI | 6056 | 1 | 4.7 | Petroleum Liquids | RFO | ST |
| 2028 | 12 | 11843 | Maui Electric Co Ltd | Electric Utility | Kahului | HI | 6056 | 2 | 4.8 | Petroleum Liquids | RFO | ST |
| 2028 | 12 | 11843 | Maui Electric Co Ltd | Electric Utility | Kahului | HI | 6056 | 3 | 11.0 | Petroleum Liquids | RFO | ST |
| 2028 | 12 | 11843 | Maui Electric Co Ltd | Electric Utility | Kahului | HI | 6056 | 4 | 11.9 | Petroleum Liquids | RFO | ST |
| 2028 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Hayden | CO | 525 | 1 | 179.0 | Conventional Steam Coal | BIT | ST |
| 2028 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Maddox | NM | 2446 | 1 | 112.0 | Natural Gas Steam Turbine | NG | ST |
| 2028 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Tolk | TX | 6194 | 1 | 532.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Tolk | TX | 6194 | 2 | 535.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Cumberland (TN) | TN | 3399 | 1 | 1,239.0 | Conventional Steam Coal | BIT | ST |
| 2028 | 12 | 19436 | Union Electric Co - (MO) | Electric Utility | Sioux | MO | 2107 | 1 | 487.0 | Conventional Steam Coal | SUB | ST |
| 2028 | 12 | 19436 | Union Electric Co - (MO) | Electric Utility | Sioux | MO | 2107 | 2 | 487.0 | Conventional Steam Coal | SUB | ST |
| 2029 | 3 | 16604 | City of San Antonio - (TX) | Electric Utility | O W Sommers | TX | 3611 | 2 | 410.0 | Natural Gas Steam Turbine | NG | ST |
| 2029 | 6 | 65384 | Cartier Energy, LLC | Commercial | Hartford Hospital Cogeneration | CT | 52061 | GEN4 | 1.4 | Other Natural Gas | NG | FC |
| 2029 | 6 | 11241 | Entergy Louisiana LLC | Electric Utility | Little Gypsy | LA | 1402 | 3 | 496.1 | Natural Gas Steam Turbine | NG | ST |
| 2029 | 9 | 10875 | Lee County Board-Commissioners | IPP | Lee County Solid Waste Energy | FL | 52010 | GEN1 | 39.0 | Municipal Solid Waste | MSW | ST |
| 2029 | 12 | 3989 | City of Colorado Springs - (CO) | Electric Utility | Ray D Nixon | CO | 8219 | 1 | 208.0 | Conventional Steam Coal | SUB | ST |
| 2029 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 1 | 105.0 | Natural Gas Steam Turbine | NG | ST |
| 2029 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 2 | 156.3 | Natural Gas Steam Turbine | NG | ST |
| 2029 | 12 | 14354 | PacifiCorp | Electric Utility | Naughton | WY | 4162 | 3 | 247.0 | Natural Gas Steam Turbine | NG | ST |
| 2029 | 12 | 15143 | Platte River Power Authority | Electric Utility | Rawhide | CO | 6761 | 1 | 280.0 | Conventional Steam Coal | SUB | ST |
| 2029 | 12 | 30151 | Tri-State G & T Assn, Inc | Electric Utility | Craig (CO) | CO | 6021 | 3 | 448.0 | Conventional Steam Coal | SUB | ST |
| 2030 | 1 | 15474 | Public Service Co of Oklahoma | Electric Utility | Weleetka | OK | 2966 | 4 | 55.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2030 | 1 | 15474 | Public Service Co of Oklahoma | Electric Utility | Weleetka | OK | 2966 | 5 | 53.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2030 | 5 | 8973 | Town of Hudson - (MA) | Electric Utility | Cherry Street | MA | 9038 | 10 | 1.9 | Natural Gas Internal Combustion Engine | NG | IC |
| 2030 | 5 | 8973 | Town of Hudson - (MA) | Electric Utility | Cherry Street | MA | 9038 | 11 | 1.9 | Natural Gas Internal Combustion Engine | NG | IC |
| 2030 | 6 | 327 | Air Liquide Large Industries U S LP | Industrial | Geismar Cogen | LA | 56787 | GTG | 72.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2030 | 6 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 1 | 9.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2030 | 6 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 2 | 7.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2030 | 6 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 3 | 61.0 | Petroleum Liquids | DFO | GT |
| 2030 | 6 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 4 | 58.0 | Petroleum Liquids | DFO | GT |
| 2030 | 6 | 16732 | San Jose State University Fclts Dev &Ops | Commercial | San Jose Cogeneration | CA | 10548 | GEN1 | 5.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2030 | 10 | 6013 | Eugene Water & Electric Board | Electric Utility | Carmen Smith | OR | 3067 | 3 | 3.8 | Conventional Hydroelectric | WAT | HY |
| 2030 | 10 | 13365 | Nevada Cogeneration Assoc # 2 | Electric CHP | Nevada Cogen Associates 2 Black Mountain | NV | 54349 | GTA | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2030 | 10 | 13365 | Nevada Cogeneration Assoc # 2 | Electric CHP | Nevada Cogen Associates 2 Black Mountain | NV | 54349 | GTB | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2030 | 10 | 13365 | Nevada Cogeneration Assoc # 2 | Electric CHP | Nevada Cogen Associates 2 Black Mountain | NV | 54349 | GTC | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2030 | 10 | 13365 | Nevada Cogeneration Assoc # 2 | Electric CHP | Nevada Cogen Associates 2 Black Mountain | NV | 54349 | STM | 28.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2030 | 12 | 5701 | El Paso Electric Co | Electric Utility | Copper | TX | 9 | 1 | 63.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2030 | 12 | 12698 | Evergy Missouri West | Electric Utility | Lake Road (MO) | MO | 2098 | 4 | 94.6 | Natural Gas Steam Turbine | NG | ST |
| 2030 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Winyah | SC | 6249 | 1 | 275.0 | Conventional Steam Coal | BIT | ST |
| 2030 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Winyah | SC | 6249 | 2 | 285.0 | Conventional Steam Coal | BIT | ST |
| 2030 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Winyah | SC | 6249 | 3 | 285.0 | Conventional Steam Coal | BIT | ST |
| 2030 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Winyah | SC | 6249 | 4 | 285.0 | Conventional Steam Coal | BIT | ST |
| 2030 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Nichols | TX | 3484 | 3 | 244.0 | Natural Gas Steam Turbine | NG | ST |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL00 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL01 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL02 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL03 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL04 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL05 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL06 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL07 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL08 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL09 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 3 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL10 | 0.1 | Other Natural Gas | NG | FC |
| 2031 | 6 | 11241 | Entergy Louisiana LLC | Electric Utility | Nine Mile Point | LA | 1403 | 6(4) | 731.9 | Natural Gas Steam Turbine | NG | ST |
| 2031 | 8 | 61944 | MN8 Energy LLC | IPP | L'Oreal Piscataway | NJ | 57868 | UNIT4 | 0.7 | Solar Photovoltaic | SUN | PV |
| 2031 | 12 | 803 | Arizona Public Service Co | Electric Utility | Four Corners | NM | 2442 | 4 | 770.0 | Conventional Steam Coal | SUB | ST |
| 2031 | 12 | 803 | Arizona Public Service Co | Electric Utility | Four Corners | NM | 2442 | 5 | 770.0 | Conventional Steam Coal | SUB | ST |
| 2031 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 3 | 90.0 | Natural Gas Steam Turbine | NG | ST |
| 2031 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 4 | 86.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2031 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | CT1 | 67.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2031 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | CT2 | 67.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2031 | 12 | 6909 | Gainesville Regional Utilities | Electric Utility | Deerhaven Generating Station | FL | 663 | 2 | 232.0 | Natural Gas Steam Turbine | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2031 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Black Dog | MN | 1904 | 2 | 117.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2031 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Black Dog | MN | 1904 | 5 | 165.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2031 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Jones | TX | 3482 | 1 | 243.0 | Natural Gas Steam Turbine | NG | ST |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | 1 | 225.0 | Conventional Steam Coal | BIT | ST |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | 2 | 225.0 | Conventional Steam Coal | SUB | ST |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | 3 | 263.0 | Conventional Steam Coal | SUB | ST |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | 4 | 263.0 | Conventional Steam Coal | SUB | ST |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT1 | 71.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT2 | 71.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT3 | 71.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT4 | 71.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT5 | 73.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT6 | 73.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT7 | 73.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2031 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Gallatin (TN) | TN | 3403 | GT8 | 73.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2032 | 8 | 64400 | Flower Valley | IPP | Flower Valley I | TX | 64915 | FLRV1 | 9.9 | Batteries | MWH | BA |
| 2032 | 12 | 5109 | DTE Electric Company | Electric Utility | Monroe (MI) | MI | 1733 | 1 | 758.0 | Conventional Steam Coal | SUB | ST |
| 2032 | 12 | 5109 | DTE Electric Company | Electric Utility | Monroe (MI) | MI | 1733 | 2 | 773.0 | Conventional Steam Coal | SUB | ST |
| 2032 | 12 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTA | 20.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2032 | 12 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTB | 20.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2032 | 12 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTC | 20.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2032 | 12 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | STM | 24.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 1 | 64.0 | Natural Gas Steam Turbine | NG | ST |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 2 | 69.0 | Natural Gas Steam Turbine | NG | ST |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 3 | 104.5 | Natural Gas Steam Turbine | NG | ST |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 4 | 39.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 5 | 39.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2032 | 12 | 14354 | PacifiCorp | Electric Utility | Gadsby | UT | 3648 | 6 | 36.9 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2032 | 12 | 16553 | Saguaro Power Co | Electric CHP | Saguaro Power | NV | 54271 | CTG1 | 36.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2032 | 12 | 16553 | Saguaro Power Co | Electric CHP | Saguaro Power | NV | 54271 | CTG2 | 36.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2032 | 12 | 16553 | Saguaro Power Co | Electric CHP | Saguaro Power | NV | 54271 | STG | 29.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2032 | 12 | 16572 | Salt River Project | Electric Utility | Coronado | AZ | 6177 | CO1 | 380.0 | Conventional Steam Coal | SUB | ST |
| 2032 | 12 | 16572 | Salt River Project | Electric Utility | Coronado | AZ | 6177 | CO2 | 382.0 | Conventional Steam Coal | SUB | ST |
| 2032 | 12 | 24211 | Tucson Electric Power Co | Electric Utility | Springerville | AZ | 8223 | 2 | 406.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 6 | 11241 | Entergy Louisiana LLC | Electric Utility | Nine Mile Point | LA | 1403 | 5 | 721.5 | Natural Gas Steam Turbine | NG | ST |
| 2033 | 12 | 5701 | El Paso Electric Co | Electric Utility | Rio Grande | NM | 2444 | 8 | 139.0 | Natural Gas Steam Turbine | NG | ST |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Hilton Head | SC | 3318 | 1 | 16.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Hilton Head | SC | 3318 | 2 | 16.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Hilton Head | SC | 3318 | 3 | 52.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Myrtle Beach | SC | 3320 | 1 | 8.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Myrtle Beach | SC | 3320 | 2 | 8.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 17543 | South Carolina Public Service Authority | Electric Utility | Myrtle Beach | SC | 3320 | 3 | 19.0 | Petroleum Liquids | DFO | GT |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 1 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 2 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 4 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 5 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 6 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 7 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 8 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2033 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Shawnee | KY | 1379 | 9 | 134.0 | Conventional Steam Coal | SUB | ST |
| 2034 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Lewis Creek | TX | 3457 | 1 | 250.0 | Natural Gas Steam Turbine | NG | ST |
| 2034 | 6 | 55937 | Entergy Texas Inc. | Electric Utility | Lewis Creek | TX | 3457 | 2 | 249.7 | Natural Gas Steam Turbine | NG | ST |
| 2034 | 12 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | Marshall (NC) | NC | 2727 | 1 | 370.0 | Natural Gas Steam Turbine | NG | ST |
| 2034 | 12 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | Marshall (NC) | NC | 2727 | 2 | 370.0 | Conventional Steam Coal | BIT | ST |
| 2034 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Sherburne County | MN | 6090 | 3 | 876.0 | Conventional Steam Coal | SUB | ST |
| 2034 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Jones | TX | 3482 | 2 | 243.0 | Natural Gas Steam Turbine | NG | ST |
| 2034 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Quay County | NM | 58125 | 1 | 17.0 | Petroleum Liquids | DFO | GT |
| 2035 | 6 | 12685 | Entergy Mississippi LLC | Electric Utility | Gerald Andrus | MS | 8054 | 1 | 706.5 | Natural Gas Steam Turbine | NG | ST |
| 2035 | 7 | 59711 | Bakersfield 111 LLC | IPP | Bakersfield 111 | CA | 59948 | BF111 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2035 | 7 | 56742 | Notus Clean Energy LLC | IPP | Notus Wind 1 | MA | 57414 | 1 | 1.7 | Onshore Wind Turbine | WND | WT |
| 2035 | 12 | 20169 | Avista Corp | Electric Utility | Northeast (WA) | WA | 6210 | 1 | 45.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2035 | 12 | 59474 | BQ Energy LLC | IPP | Mount Kisco Landfill Solar & Storage CSG | NY | 63774 | KISCB | 0.5 | Batteries | MWH | BA |
| 2035 | 12 | 5860 | Empire District Electric Co | Electric Utility | Empire Energy Center | MO | 6223 | 1 | 80.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2035 | 12 | 5860 | Empire District Electric Co | Electric Utility | Empire Energy Center | MO | 6223 | 2 | 82.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2036 | 12 | 14354 | PacifiCorp | Electric Utility | Huntington | UT | 8069 | 1 | 459.0 | Conventional Steam Coal | BIT | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2036 | 12 | 14354 | PacifiCorp | Electric Utility | Huntington | UT | 8069 | 2 | 450.0 | Conventional Steam Coal | BIT | ST |
| 2036 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Harrington | TX | 6193 | 1 | 339.0 | Conventional Steam Coal | SUB | ST |
| 2037 | 12 | 14354 | PacifiCorp | Electric Utility | Jim Bridger | WY | 8066 | 1 | 531.0 | Conventional Steam Coal | SUB | ST |
| 2037 | 12 | 14354 | PacifiCorp | Electric Utility | Jim Bridger | WY | 8066 | 2 | 539.0 | Conventional Steam Coal | SUB | ST |
| 2037 | 12 | 14354 | PacifiCorp | Electric Utility | Jim Bridger | WY | 8066 | 3 | 523.0 | Conventional Steam Coal | SUB | ST |
| 2037 | 12 | 14354 | PacifiCorp | Electric Utility | Jim Bridger | WY | 8066 | 4 | 526.0 | Conventional Steam Coal | SUB | ST |
| 2038 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Harrington | TX | 6193 | 2 | 339.0 | Conventional Steam Coal | SUB | ST |
| 2039 | 10 | 65384 | Cartier Energy, LLC | Commercial | HSCo CHP | CT | 57179 | 1 | 3.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2039 | 12 | 14354 | PacifiCorp | Electric Utility | Wyodak | WY | 6101 | 1 | 332.0 | Conventional Steam Coal | SUB | ST |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV1 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV2 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV3 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV4 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV5 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV6 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV7 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 7 | 10451 | Kotzebue Electric Assn Inc | Electric Utility | Kotzebue Hybrid | AK | 6304 | PV8 | 0.1 | Solar Photovoltaic | SUN | PV |
| 2040 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Cunningham | NM | 2454 | 3 | 106.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2040 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Cunningham | NM | 2454 | 4 | 103.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2040 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Harrington | TX | 6193 | 3 | 340.0 | Conventional Steam Coal | SUB | ST |
| 2041 | 4 | 63424 | Silverstrand Grid, LLC | IPP | Silverstrand Grid Energy Storage System | CA | 63735 | SLV01 | 11.0 | Batteries | MWH | BA |
| 2042 | 6 | 63723 | Ignacio Grid, LLC | IPP | Ignacio Grid Energy Storage System | TX | 64089 | IGN01 | 100.0 | Batteries | MWH | BA |
| 2042 | 6 | 63451 | Madero Grid, LLC | IPP | Madero Grid | TX | 63757 | MAD01 | 100.0 | Batteries | MWH | BA |
| 2043 | 12 | 57170 | EDF Renewable Asset Holdings, Inc. | IPP | Copenhagen Wind Farm | NY | 58979 | CPHGN | 79.9 | Onshore Wind Turbine | WND | WT |
| 2043 | 12 | 14354 | PacifiCorp | Electric Utility | Chehalis Generating Facility | WA | 55662 | CA | 157.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2043 | 12 | 14354 | PacifiCorp | Electric Utility | Chehalis Generating Facility | WA | 55662 | CT1 | 160.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2043 | 12 | 14354 | PacifiCorp | Electric Utility | Chehalis Generating Facility | WA | 55662 | CT2 | 160.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2045 | 12 | 62915 | Madison Energy Holdings LLC | IPP | ESCA-LL-COLTON, LLC | CA | 64270 | COLT1 | 2.6 | Solar Photovoltaic | SUN | PV |
| 2047 | 7 | 60455 | PVN Milliken, LLC | IPP | PVN Milliken, LLC | CA | 60790 | PV | 3.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 4 | 61612 | Panda Solar NC 1, LLC | IPP | Panda Solar NC 1, LLC | NC | 62089 | 20002 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 4 | 61655 | Panda Solar NC 2, LLC | IPP | Panda Solar NC 2, LLC | NC | 62120 | 20003 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61663 | Panda Solar NC 10, LLC | IPP | Panda Solar NC 10, LLC | NC | 62128 | 20031 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61664 | Panda Solar NC 11, LLC | IPP | Panda Solar NC 11, LLC | NC | 62129 | 20032 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61656 | Panda Solar NC 3, LLC | IPP | Panda Solar NC 3, LLC | NC | 62121 | 20011 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61658 | Panda Solar NC 5, LLC | IPP | Panda Solar NC 5, LLC | NC | 62123 | 20007 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61660 | Panda Solar NC 6, LLC | IPP | Panda Solar NC 6, LLC | NC | 62124 | 20028 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 6 | 61662 | Panda Solar NC 9, LLC | IPP | Panda Solar NC 9, LLC | NC | 62127 | 20022 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2049 | 9 | 61661 | Panda Solar NC 8, LLC | IPP | Panda Solar NC 8, LLC | NC | 62126 | 20052 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2052 | 1 | 64390 | Brighter Future Solar LLC | IPP | Brighter Future Solar | NC | 64910 | BFSNC | 11.0 | Solar Photovoltaic | SUN | PV |
| 2056 | 11 | 64170 | Camden Solar LLC | IPP | Camden Solar LLC | NC | 64535 | KOV4A | 20.0 | Solar Photovoltaic | SUN | PV |
| 2056 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Jones | TX | 3482 | 3 | 166.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2057 | 4 | 64393 | Tulare Solar Center, LLC | IPP | Luciana | CA | 64909 | TSC | 55.8 | Solar Photovoltaic | SUN | PV |
| 2057 | 12 | 59474 | BQ Energy LLC | IPP | West Valley East | NY | 62738 | WVE | 5.0 | Solar Photovoltaic | SUN | PV |
| 2057 | 12 | 59474 | BQ Energy LLC | IPP | West Valley West | NY | 62737 | WVW | 5.0 | Solar Photovoltaic | SUN | PV |
| 2058 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Black Dog | MN | 1904 | 6-1 | 212.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2058 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Jones | TX | 3482 | 4 | 168.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2061 | 1 | 63631 | Capital V LLC | IPP | Hertford Solar Power, LLC | NC | 63024 | KEH | 10.0 | Solar Photovoltaic | SUN | PV |
| 2063 | 12 | 62836 | Navisun LLC | IPP | Acushnet MA 1 | MA | 64706 | ACNT1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2064 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Saxon Falls | WI | 1756 | 1 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2064 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Saxon Falls | WI | 1756 | 2 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2064 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Superior Falls | MI | 1757 | 1 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2064 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Superior Falls | MI | 1757 | 2 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2072 | 8 | 10875 | Lee County Board-Commissioners | IPP | Lee County Solid Waste Energy | FL | 52010 | GEN2 | 16.0 | Municipal Solid Waste | MSW | ST |

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
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 6.07.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels

| Year/Month | Coal | | Natural Gas | | | | | | | | Petroleum | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Combined Cycle | | Gas Turbine | | Steam Turbine | | Internal Combustion | | Steam Turbine | | Gas Turbine | | Internal Combustion | |
| | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor |
| Annual Data | | | | | | | | | | | | | | | | |
| 2014 | 299,064.7 | 60.5% | 224,183.2 | 48.6% | 124,736.9 | 8.3% | 75,049.1 | 10.3% | 3,026.7 | 10.8% | 18,057.0 | 13.0% | 16,791.5 | 1.2% | 5,011.3 | 2.1% |
| 2015 | 286,082.7 | 54.3% | 231,467.5 | 55.8% | 123,444.3 | 9.8% | 80,348.0 | 11.3% | 3,507.8 | 11.9% | 14,965.4 | 14.0% | 16,122.8 | 1.3% | 5,075.2 | 2.1% |
| 2016 | 269,477.1 | 52.8% | 236,442.8 | 55.4% | 125,148.4 | 11.0% | 81,225.1 | 12.3% | 3,684.3 | 11.5% | 13,993.7 | 12.2% | 15,114.0 | 1.3% | 5,082.8 | 2.3% |
| 2017 | 259,930.2 | 53.1% | 242,839.1 | 51.2% | 125,806.6 | 9.6% | 79,149.4 | 10.7% | 4,225.5 | 11.6% | 13,290.9 | 13.7% | 14,275.3 | 1.0% | 5,153.3 | 2.1% |
| 2018 | 246,866.8 | 53.6% | 254,403.3 | 55.1% | 126,763.4 | 11.9% | 76,177.8 | 12.6% | 4,446.6 | 13.0% | 13,300.1 | 14.2% | 14,234.9 | 1.3% | 5,289.7 | 1.9% |
| 2019 | 235,089.3 | 47.5% | 266,846.5 | 57.4% | 128,832.5 | 11.4% | 72,797.3 | 14.1% | 4,848.3 | 15.3% | 11,214.7 | 12.8% | 14,009.7 | 1.0% | 5,287.8 | 2.0% |
| 2020 | 220,623.2 | 40.5% | 274,300.4 | 57.1% | 129,085.6 | 11.6% | 75,462.3 | 14.2% | 5,123.0 | 15.1% | 8,443.3 | 13.9% | 13,875.8 | 1.2% | 5,300.7 | 1.8% |
| 2021 | 212,587.0 | 49.1% | 277,618.5 | 55.0% | 130,103.4 | 11.7% | 74,003.4 | 12.5% | 5,171.8 | 18.2% | 8,385.5 | 14.2% | 13,729.8 | 1.6% | 5,522.7 | 1.8% |
| 2022 | 196,396.3 | 48.4% | 286,467.1 | 56.6% | 130,170.6 | 12.9% | 77,518.8 | 15.6% | 5,526.9 | 18.1% | 9,839.0 | 13.2% | 15,005.7 | 1.6% | 5,407.0 | 1.8% |
| 2023 | 183,856.3 | 42.1% | 292,741.1 | 58.8% | 131,118.7 | 14.1% | 76,591.4 | 17.1% | 5,637.3 | 20.9% | 8,430.0 | 11.2% | 14,402.3 | 1.9% | 5,401.3 | 2.1% |
| Year 2022 | | | | | | | | | | | | | | | | |
| January | 202,043.3 | 57.4% | 284,236.2 | 55.6% | 129,881.8 | 11.3% | 78,088.0 | 14.8% | 5,454.3 | 16.0% | 9,839.0 | 19.6% | 15,279.8 | 1.4% | 5,401.4 | 2.2% |
| February | 202,013.8 | 52.2% | 284,236.2 | 52.4% | 129,967.8 | 9.6% | 78,088.0 | 11.7% | 5,454.3 | 14.8% | 9,839.0 | 15.3% | 15,279.8 | 0.9% | 5,402.0 | 1.8% |
| March | 200,821.8 | 41.0% | 284,247.2 | 46.6% | 130,009.3 | 8.3% | 77,514.0 | 8.5% | 5,484.9 | 13.6% | 9,839.0 | 9.8% | 15,245.8 | 1.0% | 5,392.6 | 1.7% |
| April | 200,376.8 | 38.5% | 284,450.3 | 44.2% | 130,070.8 | 9.6% | 77,514.0 | 9.6% | 5,486.4 | 13.5% | 9,839.0 | 10.1% | 15,119.1 | 0.9% | 5,395.3 | 1.7% |
| May | 198,851.8 | 42.1% | 283,899.1 | 49.6% | 130,070.8 | 12.5% | 77,514.0 | 14.6% | 5,544.4 | 14.7% | 9,839.0 | 12.0% | 15,119.1 | 1.4% | 5,399.7 | 1.8% |
| June | 195,863.8 | 52.5% | 286,389.0 | 61.2% | 130,127.6 | 16.9% | 77,510.0 | 20.2% | 5,546.0 | 18.8% | 9,839.0 | 12.2% | 14,947.1 | 1.8% | 5,407.0 | 1.9% |
| July | 195,881.8 | 59.6% | 287,485.0 | 70.5% | 130,274.1 | 20.2% | 77,510.0 | 28.1% | 5,549.7 | 23.0% | 9,839.0 | 10.3% | 14,947.1 | 2.5% | 5,410.4 | 1.7% |
| August | 194,856.8 | 59.2% | 288,566.5 | 72.4% | 130,035.1 | 18.6% | 77,379.0 | 22.4% | 5,563.9 | 25.1% | 9,839.0 | 11.8% | 14,947.1 | 2.2% | 5,410.7 | 1.7% |
| Sept | 192,425.8 | 47.3% | 288,493.5 | 63.9% | 130,259.8 | 13.9% | 77,374.0 | 16.3% | 5,559.0 | 21.7% | 9,839.0 | 13.1% | 14,858.1 | 1.7% | 5,409.2 | 1.8% |
| October | 192,425.8 | 38.7% | 288,458.5 | 53.0% | 130,348.7 | 10.3% | 77,374.0 | 13.3% | 5,558.0 | 17.9% | 9,839.0 | 12.3% | 14,817.2 | 1.4% | 5,413.1 | 1.8% |
| November | 192,271.3 | 40.9% | 288,485.6 | 52.0% | 130,380.6 | 11.3% | 77,379.8 | 13.7% | 5,555.9 | 17.9% | 9,839.0 | 13.6% | 14,789.6 | 1.0% | 5,420.9 | 1.6% |
| December | 189,316.3 | 51.4% | 288,504.6 | 56.8% | 130,606.5 | 12.5% | 77,026.8 | 14.1% | 5,560.7 | 19.3% | 9,839.0 | 18.2% | 14,735.6 | 2.8% | 5,421.2 | 2.2% |
| Year 2023 | | | | | | | | | | | | | | | | |
| January | 186,891.9 | 44.3% | 288,850.7 | 56.8% | 131,147.9 | 9.3% | 77,794.4 | 9.9% | 5,581.3 | 17.2% | 8,430.0 | 9.9% | 14,223.6 | 1.0% | 5,401.4 | 1.8% |
| February | 186,881.3 | 37.1% | 289,082.7 | 56.6% | 131,147.9 | 8.9% | 77,794.4 | 10.0% | 5,583.9 | 16.7% | 8,430.0 | 11.6% | 14,223.6 | 0.9% | 5,399.4 | 1.4% |
| March | 186,881.3 | 35.9% | 290,371.7 | 52.8% | 130,957.7 | 10.4% | 77,708.4 | 11.5% | 5,585.4 | 19.1% | 8,430.0 | 10.1% | 14,223.6 | 1.1% | 5,398.8 | 2.1% |
| April | 186,881.3 | 30.4% | 290,932.7 | 47.4% | 130,957.7 | 12.2% | 77,708.4 | 13.4% | 5,586.9 | 17.5% | 8,430.0 | 9.3% | 14,223.6 | 1.7% | 5,398.8 | 2.4% |
| May | 185,392.9 | 32.4% | 292,840.3 | 52.2% | 130,438.2 | 13.7% | 76,918.4 | 15.5% | 5,583.8 | 17.5% | 8,430.0 | 8.2% | 14,619.5 | 2.0% | 5,398.3 | 2.3% |
| June | 183,239.7 | 44.1% | 292,928.0 | 62.7% | 130,652.7 | 17.0% | 76,604.4 | 21.0% | 5,583.8 | 22.8% | 8,430.0 | 11.3% | 14,471.1 | 2.3% | 5,385.1 | 2.5% |
| July | 182,590.8 | 58.0% | 294,152.4 | 72.5% | 130,816.5 | 23.2% | 76,604.4 | 30.6% | 5,583.8 | 30.1% | 8,430.0 | 16.3% | 14,471.1 | 3.2% | 5,398.9 | 2.4% |
| August | 181,977.5 | 57.7% | 294,152.4 | 72.8% | 131,479.5 | 22.5% | 76,604.4 | 29.6% | 5,715.4 | 30.4% | 8,430.0 | 15.2% | 14,471.1 | 3.5% | 5,398.1 | 2.5% |
| Sept | 181,977.5 | 46.1% | 294,152.4 | 64.9% | 131,479.5 | 15.2% | 75,568.4 | 21.6% | 5,709.5 | 22.6% | 8,430.0 | 16.4% | 14,471.1 | 2.0% | 5,407.2 | 1.8% |
| October | 181,492.5 | 38.3% | 294,811.3 | 52.6% | 131,466.5 | 14.2% | 75,568.4 | 16.4% | 5,709.5 | 20.2% | 8,430.0 | 10.2% | 14,471.1 | 2.1% | 5,407.2 | 2.1% |
| November | 181,492.5 | 39.4% | 294,811.3 | 54.0% | 131,462.5 | 12.3% | 75,568.4 | 14.2% | 5,709.5 | 18.9% | 8,430.0 | 8.4% | 14,471.1 | 1.2% | 5,407.2 | 2.3% |
| December | 180,810.5 | 41.7% | 295,513.1 | 59.1% | 131,423.5 | 9.9% | 74,741.4 | 10.8% | 5,710.4 | 17.1% | 8,430.0 | 8.1% | 14,471.1 | 1.3% | 5,415.3 | 1.5% |
| Year 2024 | | | | | | | | | | | | | | | | |
| January | 178,304.4 | 56.4% | 295,113.0 | 62.7% | 131,399.5 | 14.1% | 75,710.6 | 16.6% | 5,817.7 | 21.1% | 8,423.7 | 10.5% | 14,482.6 | 2.4% | 5,416.9 | 1.8% |
| February | 177,943.3 | 35.8% | 293,365.4 | 56.1% | 131,431.3 | 10.3% | 75,757.0 | 11.1% | 5,847.3 | 17.5% | 8,728.7 | 8.0% | 14,480.6 | 1.3% | 5,429.2 | 1.9% |
| March | 177,677.8 | 29.3% | 295,014.7 | 50.4% | 131,824.0 | 11.2% | 75,320.8 | 13.5% | 5,849.7 | 18.0% | 8,728.7 | 7.1% | 14,474.3 | 1.2% | 5,425.4 | 2.1% |
| April | 177,089.5 | 29.8% | 293,390.5 | 46.7% | 131,923.0 | 14.4% | 75,277.3 | 15.5% | 5,852.0 | 17.2% | 8,802.0 | 7.5% | 14,087.3 | 1.8% | 5,431.6 | 3.0% |
| May | 177,179.4 | 35.7% | 293,453.5 | 53.1% | 131,551.6 | 14.8% | 74,571.7 | 20.2% | 5,938.4 | 19.3% | 8,804.2 | 8.1% | 14,290.8 | 2.2% | 5,408.8 | 2.9% |

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows.
Capacity factors are a comparison of net generation with available capacity. See the technical note for an explanation of how capacity factors are calculated.
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 6.07.B. Capacity Factors for Utility Scale Generators Primarily Using Non-Fossil Fuels

| | Geothermal | | Hydroelectric | | Nuclear | | Other Biomass | | Other Gas | | Solar | | | | Wind | | Wood | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year/Month | | | | | | | | | | | Photovoltaic | | Thermal | | | | | |
| | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor | Time Adjusted Capacity (MW) | Capacity Factor |
| Annual Data | | | | | | | | | | | | | | | | | | |
| 2014 | 2,513.3 | 72.0% | 79,582.8 | 37.2% | 98,569.3 | 91.7% | 5,114.6 | 62.7% | 1,994.0 | 54.0% | 6,555.6 | 25.6% | 1,445.3 | 18.3% | 60,587.8 | 34.0% | 8,319.7 | 60.0% |
| 2015 | 2,523.0 | 71.9% | 79,650.8 | 35.7% | 98,614.6 | 92.3% | 5,104.5 | 62.6% | 2,527.7 | 60.8% | 9,521.6 | 25.5% | 1,697.3 | 21.7% | 67,106.2 | 32.2% | 9,024.5 | 59.3% |
| 2016 | 2,516.6 | 71.6% | 79,806.0 | 38.2% | 99,364.8 | 92.3% | 5,099.5 | 62.7% | 2,458.8 | 64.8% | 14,161.4 | 25.0% | 1,757.9 | 22.1% | 74,162.7 | 34.5% | 8,979.8 | 58.3% |
| 2017 | 2,460.4 | 73.2% | 79,698.8 | 43.0% | 99,619.5 | 92.3% | 5,125.6 | 61.8% | 2,375.8 | 62.8% | 21,940.9 | 25.6% | 1,757.9 | 21.8% | 83,355.6 | 34.6% | 8,807.5 | 60.2% |
| 2018 | 2,391.5 | 76.0% | 79,771.9 | 41.9% | 99,605.2 | 92.5% | 5,059.0 | 61.8% | 2,543.9 | 65.4% | 27,143.3 | 25.1% | 1,757.9 | 23.6% | 89,228.5 | 34.6% | 8,760.2 | 60.6% |
| 2019 | 2,535.2 | 69.6% | 79,838.0 | 41.2% | 98,836.7 | 93.4% | 4,786.5 | 62.5% | 2,504.1 | 67.4% | 31,840.8 | 24.3% | 1,758.1 | 21.2% | 97,564.8 | 34.4% | 8,485.0 | 59.0% |
| 2020 | 2,561.5 | 69.1% | 79,810.4 | 40.7% | 97,238.3 | 92.4% | 4,653.8 | 62.5% | 2,275.2 | 64.6% | 39,458.1 | 24.2% | 1,747.9 | 20.6% | 107,387.7 | 35.3% | 8,327.2 | 57.8% |
| 2021 | 2,588.5 | 69.8% | 79,878.4 | 36.0% | 95,802.7 | 92.8% | 4,490.4 | 63.2% | 1,902.5 | 60.9% | 51,219.7 | 24.4% | 1,629.0 | 20.5% | 123,757.1 | 34.4% | 7,959.0 | 59.9% |
| 2022 | 2,616.0 | 69.0% | 80,054.5 | 36.3% | 94,969.9 | 92.7% | 4,402.5 | 60.2% | 1,716.0 | 61.6% | 64,501.0 | 24.4% | 1,480.0 | 23.1% | 136,669.4 | 35.9% | 7,817.6 | 57.9% |
| 2023 | 2,665.4 | 70.0% | 80,086.9 | 34.2% | 95,099.0 | 93.1% | 4,297.3 | 59.6% | 1,721.1 | 61.7% | 77,167.2 | 23.3% | 1,480.0 | 22.2% | 144,018.9 | 33.5% | 7,781.8 | 52.8% |
| Year 2022 | | | | | | | | | | | | | | | | | | |
| January | 2,592.8 | 75.1% | 80,036.5 | 40.6% | 95,406.4 | 99.4% | 4,460.5 | 60.7% | 1,664.2 | 64.2% | 60,335.2 | 16.8% | 1,480.0 | 11.3% | 132,415.6 | 37.5% | 7,829.0 | 60.8% |
| February | 2,592.8 | 70.3% | 80,040.6 | 39.6% | 95,406.4 | 96.5% | 4,459.1 | 60.6% | 1,664.2 | 62.8% | 61,350.2 | 21.2% | 1,480.0 | 15.9% | 133,711.4 | 41.6% | 7,829.0 | 62.6% |
| March | 2,592.8 | 65.7% | 80,050.6 | 41.0% | 95,406.4 | 89.0% | 4,444.5 | 59.8% | 1,664.2 | 63.4% | 61,673.4 | 24.4% | 1,480.0 | 23.1% | 133,969.5 | 42.7% | 7,829.0 | 57.4% |
| April | 2,592.8 | 67.1% | 80,054.7 | 34.8% | 95,406.4 | 80.5% | 4,437.0 | 60.0% | 1,733.5 | 56.2% | 62,666.8 | 28.5% | 1,480.0 | 30.1% | 135,080.4 | 46.6% | 7,829.0 | 54.9% |
| May | 2,609.8 | 67.4% | 80,054.7 | 39.2% | 95,427.4 | 89.3% | 4,434.2 | 59.2% | 1,733.5 | 59.9% | 63,122.2 | 30.9% | 1,480.0 | 33.5% | 137,384.2 | 41.1% | 7,811.3 | 55.4% |
| June | 2,609.8 | 67.0% | 80,057.2 | 45.1% | 94,658.9 | 96.4% | 4,434.2 | 61.7% | 1,733.5 | 63.6% | 63,890.6 | 33.2% | 1,480.0 | 34.9% | 137,594.2 | 33.9% | 7,805.5 | 59.5% |
| July | 2,609.8 | 67.1% | 80,057.2 | 41.2% | 94,658.9 | 97.8% | 4,374.4 | 61.7% | 1,733.5 | 63.7% | 65,118.6 | 31.2% | 1,480.0 | 26.2% | 137,993.8 | 28.6% | 7,805.5 | 61.5% |
| August | 2,639.4 | 67.9% | 80,057.2 | 35.5% | 94,658.9 | 97.8% | 4,378.3 | 60.7% | 1,733.5 | 59.5% | 65,707.2 | 28.4% | 1,480.0 | 25.3% | 137,999.4 | 24.0% | 7,817.5 | 60.3% |
| Sept | 2,661.3 | 68.6% | 80,058.7 | 29.5% | 94,658.9 | 93.5% | 4,369.7 | 59.5% | 1,733.5 | 61.6% | 66,419.3 | 26.5% | 1,480.0 | 26.7% | 138,005.0 | 27.3% | 7,817.5 | 56.4% |
| October | 2,620.5 | 65.3% | 80,059.2 | 24.1% | 94,658.9 | 83.7% | 4,366.5 | 59.2% | 1,733.5 | 59.5% | 67,201.8 | 22.9% | 1,480.0 | 26.4% | 138,005.0 | 31.6% | 7,817.5 | 50.9% |
| November | 2,620.5 | 72.6% | 80,059.2 | 31.0% | 94,658.9 | 91.0% | 4,354.3 | 59.6% | 1,733.5 | 63.2% | 67,739.4 | 16.5% | 1,480.0 | 14.1% | 138,025.0 | 40.8% | 7,817.5 | 56.7% |
| December | 2,648.6 | 74.1% | 80,067.7 | 34.3% | 94,658.9 | 98.1% | 4,322.3 | 60.1% | 1,728.2 | 62.3% | 68,569.5 | 12.5% | 1,480.0 | 9.0% | 139,628.0 | 36.8% | 7,804.5 | 58.8% |
| Year 2023 | | | | | | | | | | | | | | | | | | |
| January | 2,648.6 | 78.4% | 80,074.5 | 37.4% | 94,632.0 | 100.7% | 4,325.7 | 61.7% | 1,728.2 | 64.4% | 71,296.2 | 14.6% | 1,480.0 | 7.7% | 141,467.7 | 37.1% | 7,804.5 | 59.3% |
| February | 2,648.6 | 72.6% | 80,092.5 | 34.7% | 94,632.0 | 95.6% | 4,295.7 | 60.3% | 1,728.2 | 67.6% | 72,707.2 | 18.3% | 1,480.0 | 11.0% | 142,116.8 | 43.9% | 7,804.5 | 57.5% |
| March | 2,648.6 | 69.4% | 80,092.5 | 33.9% | 94,632.0 | 89.2% | 4,295.7 | 58.6% | 1,698.2 | 60.9% | 73,256.7 | 21.5% | 1,480.0 | 14.0% | 142,832.2 | 41.4% | 7,831.3 | 51.6% |
| April | 2,648.6 | 69.6% | 80,111.5 | 30.3% | 94,632.0 | 83.2% | 4,295.7 | 54.5% | 1,698.2 | 46.1% | 73,878.7 | 26.6% | 1,480.0 | 27.9% | 143,246.0 | 41.5% | 7,831.3 | 47.6% |
| May | 2,673.6 | 68.5% | 80,082.5 | 46.0% | 94,632.0 | 87.3% | 4,295.7 | 59.9% | 1,725.1 | 54.4% | 74,759.1 | 29.2% | 1,480.0 | 27.5% | 143,912.8 | 29.8% | 7,786.3 | 54.1% |
| June | 2,673.6 | 65.7% | 80,084.9 | 33.8% | 94,632.0 | 95.3% | 4,295.7 | 60.7% | 1,725.1 | 55.6% | 75,828.1 | 30.8% | 1,480.0 | 34.6% | 144,684.0 | 26.3% | 7,778.8 | 53.9% |
| July | 2,673.6 | 65.2% | 80,084.9 | 35.6% | 94,632.0 | 99.1% | 4,297.0 | 60.7% | 1,725.1 | 63.4% | 77,427.1 | 31.1% | 1,480.0 | 35.0% | 144,684.0 | 25.9% | 7,778.8 | 54.6% |
| August | 2,673.6 | 67.1% | 80,084.9 | 35.4% | 95,746.0 | 97.9% | 4,297.0 | 59.9% | 1,725.1 | 71.5% | 79,450.9 | 29.0% | 1,480.0 | 28.4% | 144,684.0 | 26.4% | 7,778.8 | 56.3% |
| Sept | 2,673.6 | 69.8% | 80,082.1 | 28.6% | 95,746.0 | 95.1% | 4,297.0 | 57.1% | 1,725.1 | 61.0% | 80,057.5 | 25.7% | 1,480.0 | 27.7% | 144,700.0 | 27.0% | 7,778.8 | 50.3% |
| October | 2,673.6 | 70.7% | 80,080.0 | 30.3% | 95,746.0 | 86.2% | 4,288.8 | 58.6% | 1,725.1 | 59.7% | 81,004.9 | 22.1% | 1,480.0 | 26.2% | 144,787.6 | 33.6% | 7,778.8 | 43.3% |
| November | 2,673.6 | 72.8% | 80,084.6 | 31.4% | 95,746.0 | 90.3% | 4,290.4 | 60.5% | 1,725.1 | 69.2% | 82,539.6 | 16.6% | 1,480.0 | 15.7% | 145,498.3 | 35.3% | 7,715.6 | 53.0% |
| December | 2,673.6 | 70.5% | 80,088.7 | 32.4% | 95,746.0 | 96.7% | 4,292.6 | 63.0% | 1,725.1 | 66.6% | 83,486.5 | 13.7% | 1,480.0 | 9.9% | 145,495.3 | 34.9% | 7,715.6 | 52.7% |
| Year 2024 | | | | | | | | | | | | | | | | | | |
| January | 2,742.6 | 66.5% | 79,837.3 | 35.7% | 95,723.1 | 97.1% | 4,269.9 | 59.2% | 1,746.3 | 67.9% | 90,725.7 | 13.7% | 1,480.0 | 7.3% | 147,768.9 | 31.6% | 7,603.8 | 58.0% |
| February | 2,742.6 | 65.9% | 79,982.9 | 35.2% | 95,723.1 | 96.9% | 4,254.3 | 57.5% | 1,746.3 | 55.5% | 93,474.7 | 18.7% | 1,480.0 | 11.7% | 148,608.6 | 40.1% | 7,568.0 | 53.9% |
| March | 2,742.6 | 60.2% | 80,000.8 | 38.5% | 95,723.1 | 88.9% | 4,244.1 | 54.3% | 1,748.1 | 48.9% | 94,093.0 | 21.7% | 1,481.1 | 20.4% | 148,782.5 | 41.4% | 7,535.8 | 52.0% |
| April | 2,695.8 | 66.0% | 79,859.1 | 33.4% | 95,760.5 | 83.2% | 4,182.7 | 55.1% | 1,720.1 | 38.9% | 96,841.3 | 26.2% | 1,480.0 | 31.6% | 148,941.6 | 44.2% | 7,527.5 | 51.9% |
| May | 2,695.8 | 60.6% | 79,862.8 | 37.0% | 96,826.2 | 90.2% | 4,130.8 | 59.7% | 1,893.6 | 46.2% | 97,636.4 | 29.1% | 1,480.0 | 38.1% | 150,070.5 | 34.8% | 7,529.2 | 53.8% |

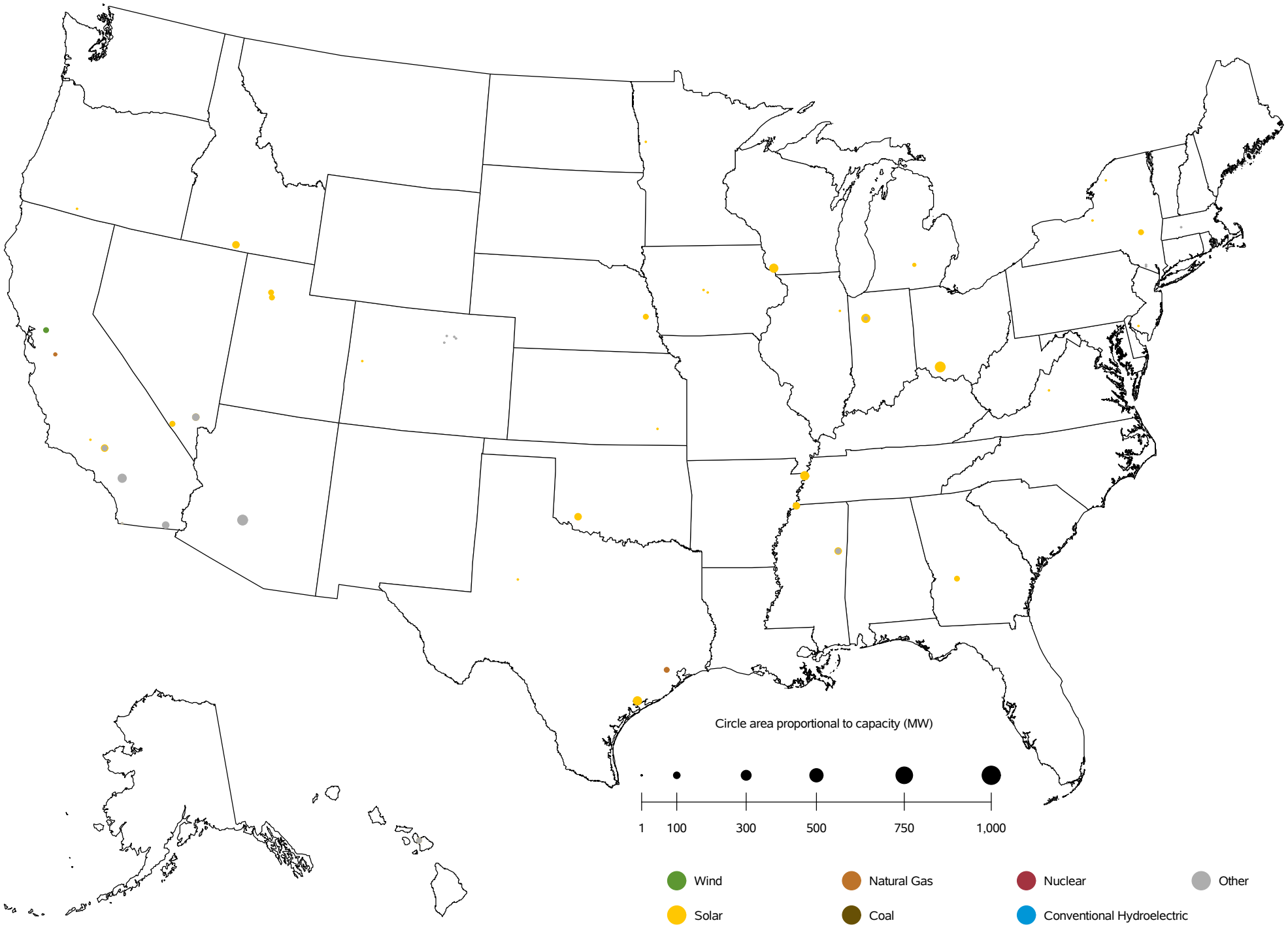
Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows.
Capacity factors are a comparison of net generation with available capacity. See the technical note for an explanation of how capacity factors are calculated.
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 6.07.C. Usage Factors for Utility Scale Storage Generators

| | Battery | | Pumped Storage | |
|---|---|---|---|---|
| Year/Month | Time Adjusted Capacity (MW) | Usage Factor | Time Adjusted Capacity (MW) | Usage Factor |
| Annual Data | | | | |
| 2014 | 155.1 | 1.7% | 22,477.9 | 10.2% |
| 2015 | 206.8 | 3.6% | 22,568.9 | 10.2% |
| 2016 | 423.0 | 3.8% | 22,752.7 | 11.2% |
| 2017 | 632.8 | 6.8% | 22,791.7 | 11.4% |
| 2018 | 713.6 | 5.2% | 22,815.4 | 10.8% |
| 2019 | 949.8 | 5.4% | 22,754.7 | 10.4% |
| 2020 | 1,210.3 | 5.2% | 22,939.6 | 10.5% |
| 2021 | 2,627.6 | 6.1% | 23,007.7 | 10.2% |
| 2022 | 6,566.1 | 6.4% | 23,033.9 | 11.1% |
| 2023 | 11,165.8 | 5.7% | 23,151.2 | 11.0% |
| Year 2022 | | | | |
| January | 4,926.4 | 5.5% | 23,013.4 | 9.5% |
| February | 4,996.7 | 6.6% | 23,013.4 | 8.9% |
| March | 5,069.2 | 5.7% | 23,013.4 | 9.1% |
| April | 5,316.2 | 6.0% | 23,013.4 | 7.3% |
| May | 6,055.5 | 6.4% | 23,043.9 | 10.9% |
| June | 6,064.5 | 7.1% | 23,043.9 | 14.8% |
| July | 6,555.2 | 6.9% | 23,043.9 | 15.9% |
| August | 6,941.6 | 6.6% | 23,043.9 | 16.4% |
| Sept | 7,469.9 | 6.1% | 23,043.9 | 13.2% |
| October | 7,958.4 | 6.7% | 23,043.9 | 8.4% |
| November | 8,630.7 | 6.7% | 23,043.9 | 9.2% |
| December | 8,696.4 | 6.5% | 23,043.9 | 9.6% |
| Year 2023 | | | | |
| January | 9,104.9 | 5.6% | 23,076.9 | 9.2% |
| February | 9,171.2 | 5.2% | 23,076.9 | 9.6% |
| March | 9,253.2 | 5.9% | 23,156.9 | 9.2% |
| April | 9,521.3 | 5.7% | 23,166.5 | 8.8% |
| May | 9,690.3 | 5.2% | 23,166.5 | 11.0% |
| June | 9,833.9 | 5.1% | 23,166.5 | 13.8% |
| July | 10,894.7 | 5.5% | 23,166.5 | 15.8% |
| August | 12,384.7 | 5.7% | 23,166.5 | 15.6% |
| Sept | 12,867.0 | 5.5% | 23,166.5 | 13.3% |
| October | 13,440.5 | 6.3% | 23,166.5 | 8.7% |
| November | 13,621.4 | 6.0% | 23,166.5 | 8.3% |
| December | 14,051.5 | 5.7% | 23,166.5 | 8.1% |
| Year 2024 | | | | |
| January | 15,733.1 | 5.3% | 23,139.0 | 9.5% |
| February | 15,909.5 | 6.3% | 23,139.0 | 9.7% |
| March | 15,791.5 | 6.9% | 23,219.0 | 7.4% |
| April | 16,847.9 | 7.3% | 23,219.0 | 9.2% |
| May | 17,541.8 | 6.7% | 23,219.0 | 12.5% |

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.
Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows.
Usage factors are a comparison of gross generation with available capacity. See the technical note for an explanation of how usage factors are calculated.
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 May 2024

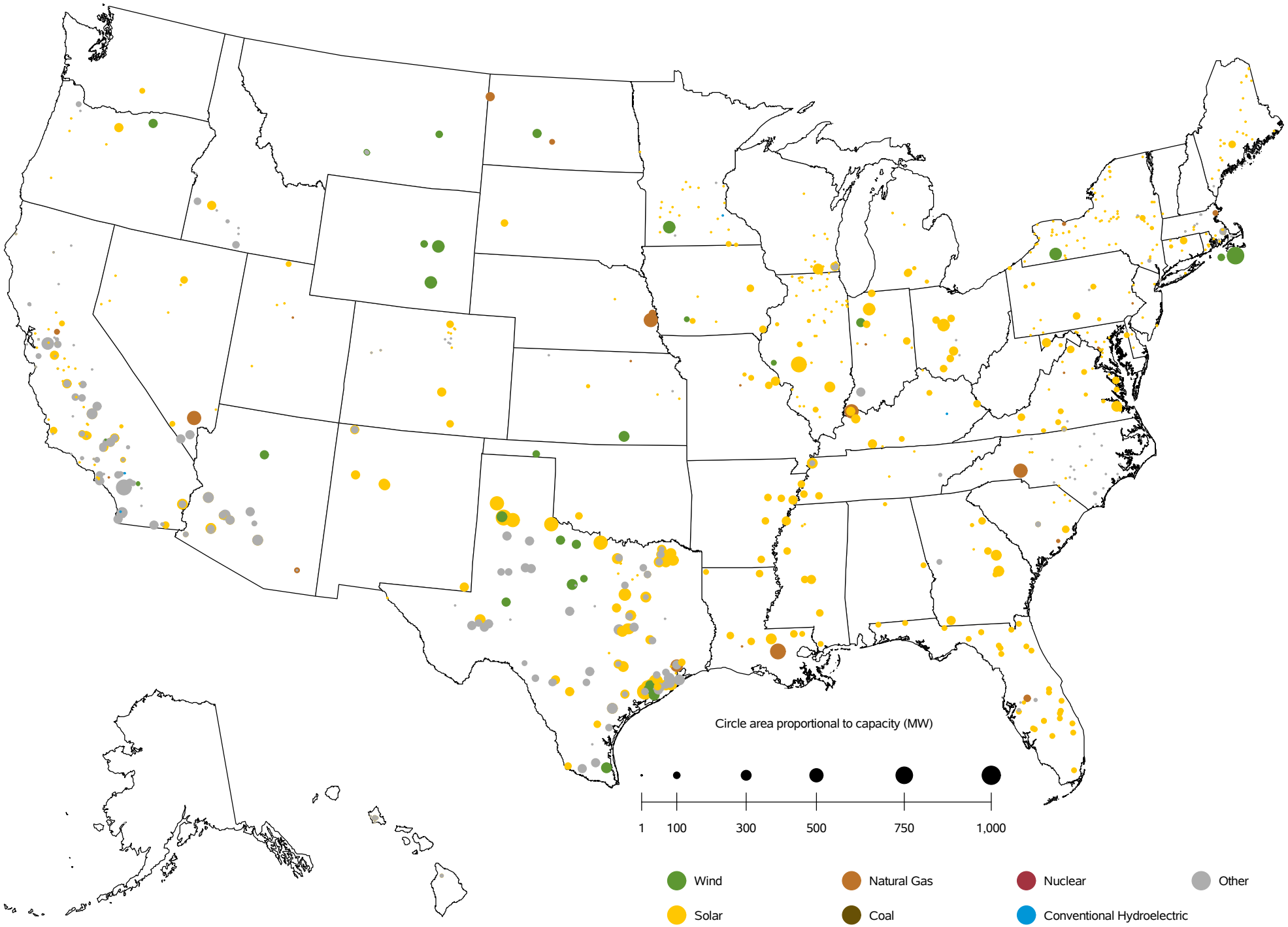



Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

## Figure 6.1.B. Utility-Scale Generating Units Retired in May 2024

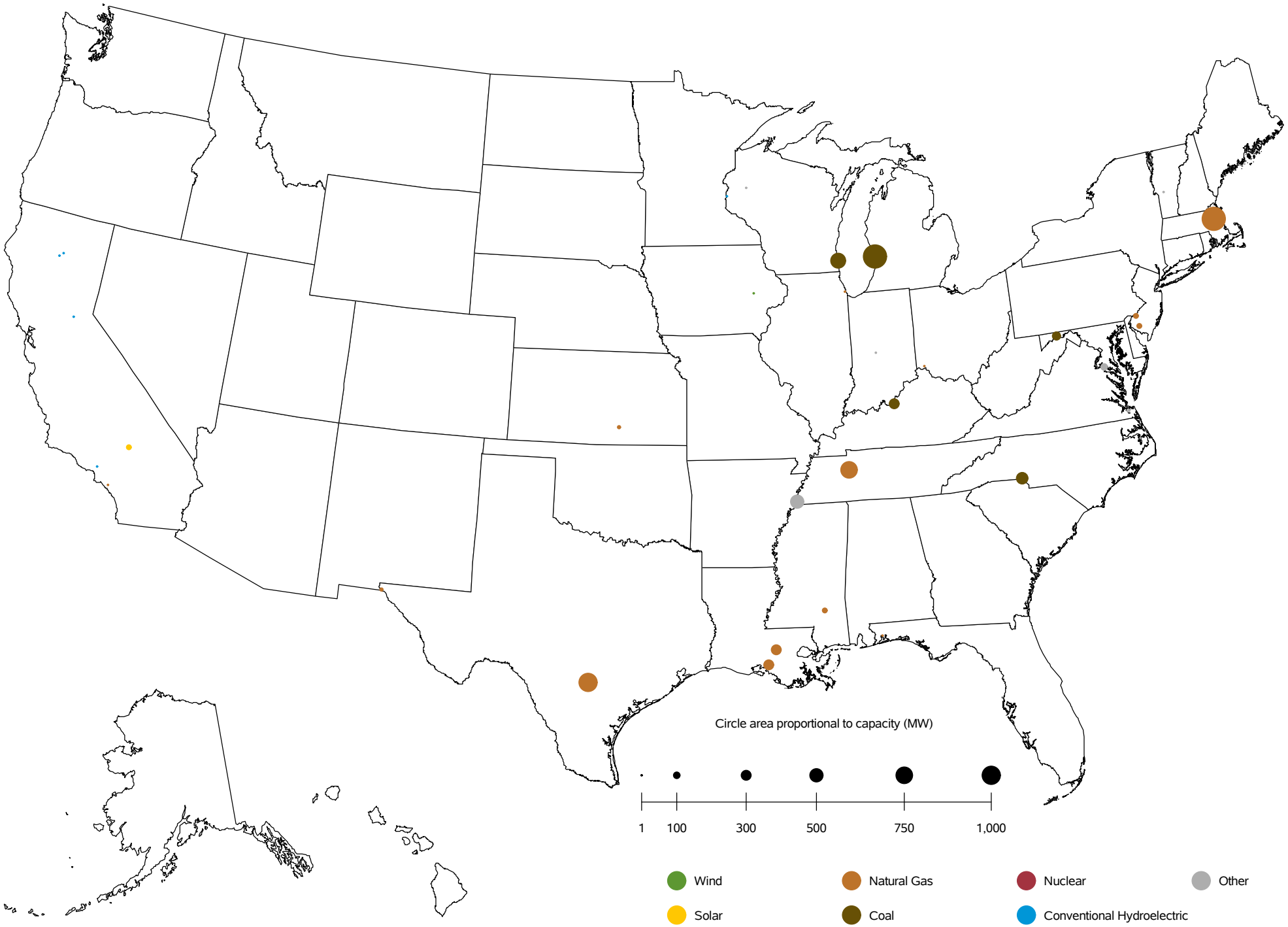

Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

# Figure 6.1.C. Utility-Scale Generating Units Planned to Come Online from June 2024 to May 2025




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 June 2024 to May 2025




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.'

# Chapter 7

# Imports and Exports

## Table 7.1. Electric Power Industry - U.S. Electricity Imports from and Electricity Exports to Canada and Mexico (Megawatthours)

| | Canada | | Mexico | | U.S. Total | | |
|---|---|---|---|---|---|---|---|
| Period | Imports from | Exports to | Imports from | Exports to | Imports | Exports | Net Imports |
| Annual Totals | | | | | | | |
| 2016 | 65,173,818 | 2,682,381 | 7,542,445 | 3,531,636 | 72,716,263 | 6,214,017 | 66,502,246 |
| 2017 | 59,909,320 | 3,312,798 | 5,775,597 | 6,058,005 | 65,684,917 | 9,370,803 | 56,314,114 |
| 2018 | 51,494,627 | 7,290,070 | 6,765,975 | 6,514,422 | 58,260,602 | 13,804,492 | 44,456,110 |
| 2019 | 52,309,254 | 13,532,067 | 6,743,207 | 6,475,965 | 59,052,461 | 20,008,032 | 39,044,429 |
| 2020 | 57,001,240 | 9,855,106 | 4,447,623 | 4,279,573 | 61,448,863 | 14,134,679 | 47,314,184 |
| 2021 | 48,140,438 | 10,067,396 | 5,026,570 | 3,788,021 | 53,167,008 | 13,855,418 | 39,311,591 |
| 2022 | 52,187,403 | 10,651,209 | 4,782,900 | 5,107,113 | 56,970,303 | 15,758,322 | 41,211,981 |
| 2023 | 33,152,646 | 18,091,647 | 5,721,644 | 1,778,279 | 38,874,290 | 19,869,926 | 19,004,364 |
| Year 2022 | | | | | | | |
| January | 4,042,047 | 1,308,758 | 425,753 | 161,512 | 4,467,800 | 1,470,270 | 2,997,530 |
| February | 3,215,153 | 1,171,627 | 144,626 | 367,552 | 3,359,779 | 1,539,179 | 1,820,600 |
| March | 3,388,199 | 1,207,760 | 293,001 | 477,405 | 3,681,200 | 1,685,165 | 1,996,035 |
| April | 3,552,599 | 934,026 | 317,755 | 440,121 | 3,870,354 | 1,374,147 | 2,496,207 |
| May | 4,010,343 | 1,025,038 | 364,183 | 582,820 | 4,374,526 | 1,607,858 | 2,766,668 |
| June | 5,123,334 | 641,211 | 391,371 | 489,104 | 5,514,705 | 1,130,315 | 4,384,390 |
| July | 6,295,212 | 766,185 | 443,070 | 507,701 | 6,738,282 | 1,273,886 | 5,464,396 |
| August | 6,810,768 | 765,145 | 418,236 | 550,822 | 7,229,004 | 1,315,967 | 5,913,037 |
| Sept | 4,683,783 | 867,176 | 504,443 | 483,658 | 5,188,226 | 1,350,834 | 3,837,392 |
| October | 3,740,536 | 838,388 | 399,055 | 413,166 | 4,139,591 | 1,251,554 | 2,888,037 |
| November | 3,067,640 | 562,777 | 466,374 | 344,579 | 3,534,014 | 907,356 | 2,626,658 |
| December | 4,257,789 | 563,118 | 615,033 | 288,673 | 4,872,822 | 851,791 | 4,021,031 |
| Year 2023 | | | | | | | |
| January | 4,080,305 | 769,353 | 393,029 | 403,105 | 4,473,334 | 1,172,458 | 3,300,876 |
| February | 3,100,194 | 1,362,099 | 410,963 | 188,332 | 3,511,157 | 1,550,431 | 1,960,726 |
| March | 3,458,995 | 1,241,647 | 419,500 | 59,250 | 3,878,495 | 1,300,897 | 2,577,598 |
| April | 3,423,252 | 1,544,551 | 163,079 | 128,981 | 3,586,331 | 1,673,532 | 1,912,799 |
| May | 3,606,207 | 1,099,609 | 297,511 | 179,615 | 3,903,718 | 1,279,224 | 2,624,494 |
| June | 2,616,523 | 1,236,416 | 449,132 | 139,691 | 3,065,655 | 1,376,107 | 1,689,548 |
| July | 2,588,006 | 1,808,004 | 628,915 | 155,251 | 3,216,921 | 1,963,255 | 1,253,666 |
| August | 2,365,281 | 1,453,099 | 635,633 | 153,225 | 3,000,914 | 1,606,324 | 1,394,590 |
| Sept | 1,773,886 | 2,107,530 | 581,900 | 142,050 | 2,355,786 | 2,249,580 | 106,206 |
| October | 1,578,196 | 1,877,439 | 632,526 | 128,399 | 2,210,722 | 2,005,838 | 204,884 |
| November | 1,928,906 | 1,772,906 | 540,292 | 56,060 | 2,469,198 | 1,828,966 | 640,232 |
| December | 2,632,895 | 1,818,994 | 569,164 | 44,320 | 3,202,059 | 1,863,314 | 1,338,745 |
| Year 2024 | | | | | | | |
| January | 2,962,963 | 1,650,615 | 650,173 | 225,723 | 3,613,136 | 1,876,338 | 1,736,798 |
| February | 2,074,024 | 2,221,825 | 464,965 | 156,777 | 2,538,989 | 2,378,602 | 160,387 |
| March | 1,677,169 | 2,419,779 | 529,864 | 135,813 | 2,207,033 | 2,555,592 | -348,559 |

Source: U.S. Energy Information Administration, Form EIA-111, "Quarterly Electricity Imports and Exports Report."

# Chapter 8

# Puerto Rico

## Table 8.1 Puerto Rico- Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2014 - May 2024 (Thousand Megawatthours)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| **Annual Totals** | | | | | |
| 2014 | 6,218 | 8,761 | 2,376 | 0 | 17,356 |
| 2015 | 6,314 | 8,586 | 2,355 | 0 | 17,255 |
| 2016 | 6,524 | 8,569 | 2,251 | 0 | 17,344 |
| 2017 | 5,045 | 6,820 | 1,747 | 0 | 13,611 |
| 2018 | 6,103 | 8,203 | 2,128 | 0 | 16,434 |
| 2019 | 6,205 | 7,905 | 2,048 | 0 | 16,158 |
| 2020 | 6,908 | 7,320 | 1,910 | 0 | 16,138 |
| 2021 | 7,119 | 7,485 | 1,853 | 0 | 16,457 |
| 2022 | 6,723 | 7,511 | 1,768 | 0 | 16,003 |
| **Year 2022** | | | | | |
| January | 529 | 573 | 163 | 0 | 1,265 |
| February | 448 | 579 | 141 | 0 | 1,167 |
| March | 504 | 569 | 147 | 0 | 1,220 |
| April | 509 | 553 | 129 | 0 | 1,191 |
| May | 559 | 724 | 178 | 0 | 1,461 |
| June | 691 | 696 | 137 | 0 | 1,525 |
| July | 677 | 707 | 160 | 0 | 1,545 |
| August | 642 | 645 | 159 | 0 | 1,445 |
| Sept | 614 | 676 | 144 | 0 | 1,435 |
| October | 426 | 526 | 116 | 0 | 1,068 |
| November | 587 | 625 | 150 | 0 | 1,362 |
| December | 536 | 638 | 144 | 0 | 1,318 |
| **Year 2023** | | | | | |
| January | 476 | 585 | 126 | 0 | 1,188 |
| February | 429 | 547 | 124 | 0 | 1,100 |
| March | 497 | 606 | 143 | 0 | 1,246 |
| April | 523 | 621 | 143 | 0 | 1,287 |
| May | 631 | 689 | 126 | 0 | 1,445 |
| June | 696 | 697 | 146 | 0 | 1,539 |
| July | 766 | 721 | 146 | 0 | 1,633 |
| August | 743 | 722 | 163 | 0 | 1,628 |
| Sept | 725 | 746 | 146 | 0 | 1,618 |
| October | 742 | 768 | 149 | 0 | 1,659 |
| November | 599 | 687 | 133 | 0 | 1,420 |
| December | 546 | 684 | 138 | 0 | 1,368 |
| **Year 2024** | | | | | |
| January | 492 | 633 | 108 | 0 | 1,233 |
| February | 475 | 613 | 132 | 0 | 1,220 |
| March | 616 | 699 | 132 | 0 | 1,446 |
| April | 608 | 657 | 145 | 0 | 1,410 |
| May | 637 | 772 | 103 | 0 | 1,512 |
| **Year to Date** | | | | | |
| 2022 | 2,549 | 2,998 | 758 | 0 | 6,305 |
| 2023 | 2,556 | 3,048 | 662 | 0 | 6,266 |
| 2024 | 2,828 | 3,373 | 621 | 0 | 6,821 |
| **Rolling 12 Months Ending in May** | | | | | |
| 2023 | 6,730 | 7,562 | 1,672 | 0 | 15,964 |
| 2024 | 7,644 | 8,399 | 1,643 | 0 | 17,686 |

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.
Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report

## Table 8.2 Puerto Rico- Revenue from Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2014 - May 2024 (Million Dollars)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| **Annual Totals** | | | | | |
| 2014 | 1,636 | 2,394 | 551 | 0 | 4,581 |
| 2015 | 1,282 | 1,850 | 417 | 0 | 3,549 |
| 2016 | 1,170 | 1,677 | 356 | 0 | 3,203 |
| 2017 | 1,123 | 1,549 | 344 | 0 | 3,016 |
| 2018 | 1,265 | 1,893 | 405 | 0 | 3,564 |
| 2019 | 1,330 | 1,811 | 420 | 0 | 3,560 |
| 2020 | 1,329 | 1,568 | 361 | 0 | 3,258 |
| 2021 | 1,506 | 1,800 | 380 | 0 | 3,686 |
| 2022 | 1,902 | 2,335 | 505 | 0 | 4,742 |
| **Year 2022** | | | | | |
| January | 136 | 154 | 40 | 0 | 331 |
| February | 116 | 168 | 36 | 0 | 321 |
| March | 139 | 188 | 41 | 0 | 368 |
| April | 136 | 182 | 35 | 0 | 353 |
| May | 151 | 226 | 48 | 0 | 425 |
| June | 190 | 204 | 40 | 0 | 435 |
| July | 237 | 238 | 57 | 0 | 532 |
| August | 191 | 212 | 48 | 0 | 452 |
| Sept | 170 | 203 | 41 | 0 | 414 |
| October | 140 | 195 | 40 | 0 | 375 |
| November | 157 | 187 | 41 | 0 | 385 |
| December | 138 | 175 | 38 | 0 | 351 |
| **Year 2023** | | | | | |
| January | 108 | 147 | 29 | 0 | 283 |
| February | 101 | 144 | 30 | 0 | 275 |
| March | 124 | 167 | 37 | 0 | 328 |
| April | 128 | 167 | 36 | 0 | 332 |
| May | 152 | 187 | 31 | 0 | 371 |
| June | 154 | 145 | 32 | 0 | 331 |
| July | 184 | 198 | 39 | 0 | 421 |
| August | 174 | 180 | 37 | 0 | 390 |
| Sept | 143 | 158 | 28 | 0 | 329 |
| October | 178 | 194 | 37 | 0 | 409 |
| November | 128 | 151 | 27 | 0 | 306 |
| December | 103 | 138 | 26 | 0 | 268 |
| **Year 2024** | | | | | |
| January | 104 | 143 | 24 | 0 | 271 |
| February | 105 | 149 | 30 | 0 | 284 |
| March | 139 | 171 | 31 | 0 | 340 |
| April | 138 | 160 | 33 | 0 | 331 |
| May | 170 | 217 | 29 | 0 | 417 |
| **Year to Date** | | | | | |
| 2022 | 678 | 919 | 200 | 0 | 1,797 |
| 2023 | 613 | 814 | 163 | 0 | 1,590 |
| 2024 | 656 | 841 | 147 | 0 | 1,644 |
| **Rolling 12 Months Ending in May** | | | | | |
| 2023 | 1,837 | 2,229 | 468 | 0 | 4,534 |
| 2024 | 1,721 | 2,004 | 373 | 0 | 4,098 |

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.
Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report

## Table 8.3 Puerto Rico- Number of Ultimate Customers Served by Sector: Total by End-Use Sector, 2014 - May 2024

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| **Annual Totals** | | | | | |
| 2014 | 1,328,546 | 129,122 | 662 | 0 | 1,458,330 |
| 2015 | 1,326,631 | 127,365 | 647 | 0 | 1,454,643 |
| 2016 | 1,332,152 | 127,179 | 633 | 0 | 1,459,964 |
| 2017 | 1,337,756 | 127,065 | 618 | 0 | 1,465,439 |
| 2018 | 1,346,102 | 126,527 | 602 | 0 | 1,473,231 |
| 2019 | 1,341,424 | 124,912 | 588 | 0 | 1,466,924 |
| 2020 | 1,351,190 | 125,391 | 587 | 0 | 1,477,168 |
| 2021 | 1,358,513 | 126,159 | 591 | 0 | 1,485,263 |
| 2022 | 1,370,811 | 127,741 | 589 | 0 | 1,499,141 |
| **Year 2022** | | | | | |
| January | 1,366,102 | 127,193 | 590 | 0 | 1,493,885 |
| February | 1,365,877 | 127,084 | 590 | 0 | 1,493,551 |
| March | 1,366,362 | 127,176 | 589 | 0 | 1,494,127 |
| April | 1,368,406 | 127,392 | 587 | 0 | 1,496,385 |
| May | 1,369,833 | 127,589 | 585 | 0 | 1,498,007 |
| June | 1,372,587 | 127,921 | 588 | 0 | 1,501,096 |
| July | 1,372,079 | 127,976 | 588 | 0 | 1,500,643 |
| August | 1,372,668 | 127,954 | 589 | 0 | 1,501,211 |
| Sept | 1,373,141 | 128,077 | 590 | 0 | 1,501,808 |
| October | 1,374,149 | 128,107 | 590 | 0 | 1,502,846 |
| November | 1,374,192 | 128,189 | 589 | 0 | 1,502,970 |
| December | 1,374,331 | 128,237 | 590 | 0 | 1,503,158 |
| **Year 2023** | | | | | |
| January | 1,374,717 | 128,300 | 589 | 0 | 1,503,606 |
| February | 1,375,176 | 128,310 | 588 | 0 | 1,504,074 |
| March | 1,376,298 | 128,038 | 580 | 0 | 1,504,916 |
| April | 1,377,070 | 127,609 | 580 | 0 | 1,505,259 |
| May | 1,378,115 | 127,666 | 579 | 0 | 1,506,360 |
| June | 1,379,369 | 127,596 | 580 | 0 | 1,507,545 |
| July | 1,380,020 | 127,635 | 581 | 0 | 1,508,236 |
| August | 1,380,809 | 127,610 | 580 | 0 | 1,508,999 |
| Sept | 1,381,572 | 127,764 | 581 | 0 | 1,509,917 |
| October | 1,382,416 | 127,594 | 582 | 0 | 1,510,592 |
| November | 1,383,057 | 127,671 | 583 | 0 | 1,511,311 |
| December | 1,383,477 | 127,688 | 585 | 0 | 1,511,750 |
| **Year 2024** | | | | | |
| January | 1,383,097 | 127,623 | 585 | 0 | 1,511,305 |
| February | 1,381,935 | 127,432 | 585 | 0 | 1,509,952 |
| March | 1,382,392 | 127,463 | 585 | 0 | 1,510,440 |
| April | 1,382,496 | 127,457 | 585 | 0 | 1,510,538 |
| May | 1,382,632 | 128,353 | 586 | 0 | 1,511,571 |
| **Rolling 12 Months Ending in May** | | | | | |
| 2023 | 1,374,544 | 128,032 | 587 | 0 | 1,503,162 |
| 2024 | 1,381,939 | 127,657 | 583 | 0 | 1,510,180 |

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.
Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report

## Table 8.4 Puerto Rico- Average Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2014 - May 2024 (Cents per Kilowatthour)

| Period | Residential | Commercial | Industrial | Transportation | All Sectors |
|---|---|---|---|---|---|
| **Annual Totals** | | | | | |
| 2014 | 26.31 | 27.33 | 23.18 | -- | 26.39 |
| 2015 | 20.31 | 21.55 | 17.71 | -- | 20.57 |
| 2016 | 17.93 | 19.57 | 15.83 | -- | 18.47 |
| 2017 | 22.26 | 22.72 | 19.70 | -- | 22.16 |
| 2018 | 20.73 | 23.08 | 19.04 | -- | 21.68 |
| 2019 | 21.43 | 22.90 | 20.51 | -- | 22.03 |
| 2020 | 19.24 | 21.43 | 18.89 | -- | 20.19 |
| 2021 | 21.16 | 24.05 | 20.52 | -- | 22.40 |
| 2022 | 28.29 | 31.09 | 28.56 | -- | 29.63 |
| **Year 2022** | | | | | |
| January | 25.72 | 26.92 | 24.76 | -- | 26.14 |
| February | 25.92 | 29.12 | 25.69 | -- | 27.48 |
| March | 27.49 | 33.05 | 27.86 | -- | 30.13 |
| April | 26.69 | 33.02 | 27.10 | -- | 29.67 |
| May | 27.03 | 31.19 | 26.87 | -- | 29.07 |
| June | 27.50 | 29.36 | 29.29 | -- | 28.51 |
| July | 35.05 | 33.68 | 35.35 | -- | 34.46 |
| August | 29.76 | 32.94 | 30.46 | -- | 31.26 |
| Sept | 27.71 | 30.02 | 28.30 | -- | 28.85 |
| October | 32.92 | 37.07 | 34.49 | -- | 35.14 |
| November | 26.75 | 29.96 | 27.11 | -- | 28.26 |
| December | 25.75 | 27.49 | 26.46 | -- | 26.67 |
| **Year 2023** | | | | | |
| January | 22.58 | 25.12 | 22.80 | -- | 23.86 |
| February | 23.60 | 26.38 | 23.90 | -- | 25.01 |
| March | 24.84 | 27.63 | 26.16 | -- | 26.35 |
| April | 24.45 | 26.98 | 25.39 | -- | 25.77 |
| May | 24.17 | 27.22 | 24.95 | -- | 25.69 |
| June | 22.12 | 20.83 | 21.97 | -- | 21.52 |
| July | 24.06 | 27.44 | 26.60 | -- | 25.78 |
| August | 23.39 | 24.93 | 22.46 | -- | 23.98 |
| Sept | 19.68 | 21.17 | 19.44 | -- | 20.35 |
| October | 24.02 | 25.22 | 25.00 | -- | 24.66 |
| November | 21.44 | 21.93 | 20.19 | -- | 21.56 |
| December | 18.92 | 20.17 | 19.14 | -- | 19.56 |
| **Year 2024** | | | | | |
| January | 21.12 | 22.66 | 21.80 | -- | 21.97 |
| February | 22.17 | 24.35 | 22.49 | -- | 23.30 |
| March | 22.59 | 24.40 | 23.31 | -- | 23.53 |
| April | 22.64 | 24.41 | 22.91 | -- | 23.49 |
| May | 26.74 | 28.16 | 28.24 | -- | 27.57 |
| **Year to Date** | | | | | |
| 2022 | 26.59 | 30.67 | 26.43 | -- | 28.51 |
| 2023 | 23.97 | 26.70 | 24.70 | -- | 25.37 |
| 2024 | 23.21 | 24.93 | 23.60 | -- | 24.10 |
| **Rolling 12 Months Ending in May** | | | | | |
| 2023 | 27.29 | 29.48 | 28.00 | -- | 28.40 |
| 2024 | 22.51 | 23.86 | 22.71 | -- | 23.17 |

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.
Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report

## Table 8.5. Net Summer Capacity (MW) of Existing Utility Scale Units by Technology for Puerto Rico, 2007-May 2024

| Period | Coal | Hydroelectric Conventional | Natural Gas | Other | Petroleum | Solar | Wind | Total |
|---|---|---|---|---|---|---|---|---|
| Annual Totals | | | | | | | | |
| 2007 | 454 | 107 | 1,163 | 0 | 3,082 | 0 | 0 | 4,806 |
| 2008 | 454 | 107 | 1,163 | 0 | 3,516 | 0 | 0 | 5,240 |
| 2009 | 454 | 107 | 1,163 | 0 | 3,639 | 0 | 0 | 5,363 |
| 2010 | 454 | 107 | 1,163 | 0 | 3,640 | 0 | 0 | 5,364 |
| 2011 | 454 | 107 | 1,163 | 0 | 3,642 | 5 | 0 | 5,372 |
| 2012 | 454 | 107 | 1,163 | 0 | 3,643 | 20 | 98 | 5,486 |
| 2013 | 454 | 107 | 1,163 | 0 | 3,643 | 23 | 98 | 5,489 |
| 2014 | 454 | 107 | 1,163 | 0 | 3,645 | 35 | 99 | 5,503 |
| 2015 | 454 | 107 | 1,163 | 9 | 3,649 | 67 | 99 | 5,548 |
| 2016 | 454 | 107 | 1,163 | 33 | 3,652 | 142 | 99 | 5,650 |
| 2017 | 454 | 107 | 1,163 | 35 | 3,653 | 142 | 76 | 5,630 |
| 2018 | 454 | 107 | 1,349 | 35 | 3,656 | 142 | 76 | 5,820 |
| 2019 | 454 | 107 | 1,358 | 35 | 3,661 | 146 | 76 | 5,838 |
| 2020 | 454 | 107 | 1,367 | 38 | 3,663 | 156 | 76 | 5,862 |
| 2021 | 454 | 107 | 1,377 | 38 | 3,665 | 156 | 76 | 5,872 |
| 2022 | 454 | 107 | 1,381 | 40 | 3,749 | 156 | 76 | 5,963 |
| 2023 | 454 | 107 | 1,384 | 40 | 3,749 | 158 | 76 | 5,968 |
| Year 2024 | | | | | | | | |
| January | 454 | 98 | 1,384 | 37 | 3,749 | 154 | 99 | 5,976 |
| February | 454 | 98 | 1,384 | 37 | 3,749 | 154 | 76 | 5,953 |
| March | 454 | 98 | 1,384 | 37 | 3,749 | 154 | 102 | 5,979 |
| April | 454 | 98 | 1,384 | 37 | 3,749 | 154 | 102 | 5,979 |
| May | 454 | 98 | 1,384 | 37 | 3,749 | 154 | 102 | 5,979 |

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report.

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, May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **34** | **0** | **3** | **0** | **0** | **8** |
| Connecticut | 0 | 59 | 0 | 2 | 0 | 0 | 28 |
| Maine | 0 | 29 | 0 | 16 | 0 | 0 | 10 |
| Massachusetts | 0 | 45 | 0 | 7 | 0 | 0 | 17 |
| New Hampshire | 0 | 78 | 0 | 0 | 0 | 0 | 17 |
| Rhode Island | 0 | 140 | 0 | 11 | 0 | 0 | 114 |
| Vermont | 0 | 366 | 0 | 0 | 0 | 0 | 15 |
| **Middle Atlantic** | **30** | **34** | **0** | **1** | **36** | **0** | **2** |
| New Jersey | 0 | 111 | 0 | 4 | 0 | 0 | 0 |
| New York | 0 | 37 | 0 | 2 | 0 | 0 | 1 |
| Pennsylvania | 30 | 70 | 0 | 1 | 57 | 0 | 10 |
| **East North Central** | **0** | **7** | **24** | **2** | **11** | **0** | **18** |
| Illinois | 0 | 14 | 0 | 7 | 0 | 0 | 53 |
| Indiana | 0 | 5 | 0 | 3 | 18 | 0 | 28 |
| Michigan | 0 | 6 | 0 | 4 | 0 | 0 | 40 |
| Ohio | 1 | 14 | 84 | 2 | 25 | 0 | 24 |
| Wisconsin | 0 | 25 | 0 | 8 | 0 | 0 | 30 |
| **West North Central** | **2** | **8** | **0** | **12** | **0** | **0** | **12** |
| Iowa | 11 | 11 | 0 | 17 | 0 | 0 | 36 |
| Kansas | 0 | 19 | 0 | 15 | 0 | 0 | 0 |
| Minnesota | 1 | 22 | 0 | 20 | 0 | 0 | 47 |
| Missouri | 4 | 25 | 0 | 12 | 0 | 0 | 12 |
| Nebraska | 6 | 32 | 0 | 59 | 0 | 0 | 43 |
| North Dakota | 0 | 6 | 0 | 64 | 0 | 0 | 33 |
| South Dakota | 0 | 55 | 0 | 54 | 0 | 0 | 20 |
| **South Atlantic** | **1** | **7** | **0** | **1** | **0** | **0** | **6** |
| Delaware | 0 | 120 | 0 | 13 | 0 | 0 | 0 |
| District of Columbia | 0 | 18,155 | 0 | 54 | 0 | 0 | 0 |
| Florida | 0 | 11 | 0 | 1 | 0 | 0 | 33 |
| Georgia | 0 | 17 | 0 | 4 | 0 | 0 | 9 |
| Maryland | 0 | 5 | 0 | 3 | 0 | 0 | 1 |
| North Carolina | 0 | 29 | 0 | 2 | 0 | 0 | 8 |
| South Carolina | 0 | 20 | 0 | 3 | 0 | 0 | 14 |
| Virginia | 0 | 18 | 0 | 3 | 0 | 0 | 17 |
| West Virginia | 3 | 0 | 0 | 7 | 0 | 0 | 12 |
| **East South Central** | **0** | **2** | **0** | **1** | **0** | **0** | **3** |
| Alabama | 0 | 77 | 0 | 2 | 0 | 0 | 5 |
| Kentucky | 0 | 5 | 0 | 3 | 0 | 0 | 6 |
| Mississippi | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Tennessee | 0 | 1 | 0 | 3 | 0 | 0 | 6 |
| **West South Central** | **2** | **10** | **0** | **1** | **4** | **0** | **7** |
| Arkansas | 0 | 9 | 0 | 6 | 0 | 0 | 9 |
| Louisiana | 29 | 152 | 0 | 2 | 8 | 0 | 16 |
| Oklahoma | 0 | 13 | 0 | 3 | 0 | 0 | 12 |
| Texas | 0 | 15 | 0 | 1 | 3 | 0 | 24 |
| **Mountain** | **2** | **6** | **0** | **2** | **6** | **0** | **8** |
| Arizona | 0 | 3 | 0 | 0 | 0 | 0 | 7 |
| Colorado | 0 | 34 | 0 | 2 | 0 | 0 | 27 |
| Idaho | 344 | 0 | 0 | 50 | 0 | 0 | 16 |
| Montana | 19 | 11 | 0 | 67 | 0 | 0 | 15 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| New Mexico | 0 | 105 | 0 | 3 | 0 | 0 | 96 |
| Utah | 0 | 12 | 0 | 3 | 0 | 0 | 50 |
| Wyoming | 5 | 1 | 0 | 11 | 6 | 0 | 46 |
| **Pacific Contiguous** | **0** | **22** | **0** | **4** | **4** | **0** | **2** |
| California | 0 | 11 | 0 | 2 | 5 | 0 | 6 |
| Oregon | 0 | 451 | 0 | 17 | 0 | 0 | 6 |
| Washington | 0 | 56 | 0 | 25 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **23** | **1** | **0** | **54** | **0** | **0** | **32** |
| Alaska | 23 | 3 | 0 | 54 | 0 | 0 | 35 |
| Hawaii | 0 | 1 | 0 | 0 | 0 | 0 | 54 |
| **U.S. Total** | **1** | **1** | **17** | **1** | **5** | **0** | **2** |

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

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

### Total (All Sectors) by Census Division and State, May 2024 (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** | **4** | **4** | **0** | **0** | **2** |
| Connecticut | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 1 |
| Maine | 0 | 0 | 0 | 11 | 7 | 0 | 0 | 6 |
| Massachusetts | 0 | 0 | 0 | 6 | 5 | 0 | 0 | 4 |
| New Hampshire | 0 | 0 | 0 | 137 | 24 | 0 | 0 | 2 |
| Rhode Island | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 10 |
| Vermont | 0 | 0 | 0 | 15 | 14 | 0 | 0 | 11 |
| **Middle Atlantic** | **0** | **0** | **0** | **4** | **3** | **0** | **1** | **1** |
| New Jersey | 0 | 0 | 0 | 7 | 5 | 0 | 0 | 2 |
| New York | 0 | 0 | 0 | 6 | 4 | 0 | 2 | 1 |
| Pennsylvania | 0 | 0 | 0 | 9 | 5 | 0 | 0 | 1 |
| **East North Central** | **0** | **0** | **0** | **1** | **1** | **0** | **2** | **1** |
| Illinois | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |
| Indiana | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 |
| Michigan | 0 | 0 | 0 | 5 | 3 | 0 | 20 | 2 |
| Ohio | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 2 | 3 | 0 | 25 | 4 |
| **West North Central** | **0** | **0** | **0** | **4** | **1** | **0** | **7** | **2** |
| Iowa | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 4 |
| Kansas | 0 | 0 | 0 | 27 | 2 | 0 | 0 | 2 |
| Minnesota | 0 | 0 | 0 | 6 | 3 | 0 | 6 | 6 |
| Missouri | 0 | 0 | 0 | 22 | 2 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 5 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 66 | 3 |
| South Dakota | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 8 |
| **South Atlantic** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 13 | 16 | 0 | 0 | 11 |
| District of Columbia | 0 | 0 | 0 | 57 | 18 | 0 | 0 | 27 |
| Florida | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Georgia | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| South Carolina | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 |
| Virginia | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 14 | 2 | 0 | 0 | 2 |
| **East South Central** | **0** | **0** | **0** | **2** | **3** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 12 | 16 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 |
| Tennessee | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **0** | **1** | **0** | **2** | **1** |
| Arkansas | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 3 |
| Louisiana | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 2 |
| Oklahoma | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 2 |
| Texas | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 |
| **Mountain** | **0** | **13** | **0** | **1** | **1** | **0** | **1** | **1** |
| Arizona | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Idaho | 0 | 66 | 0 | 3 | 6 | 0 | 0 | 12 |
| Montana | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 7 |
| Nevada | 0 | 13 | 0 | 1 | 3 | 0 | 0 | 1 |
| New Mexico | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Utah | 0 | 32 | 0 | 1 | 2 | 0 | 11 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **6** | **0** | **1** | **1** | **0** | **0** | **1** |
| California | 0 | 6 | 0 | 1 | 1 | 0 | 0 | 1 |
| Oregon | 0 | 46 | 0 | 4 | 3 | 0 | 0 | 4 |
| Washington | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **0** | **44** | **0** | **7** | **9** | **0** | **0** | **10** |
| Alaska | 0 | 0 | 0 | 106 | 36 | 0 | 0 | 25 |
| Hawaii | 0 | 44 | 0 | 7 | 9 | 0 | 0 | 2 |
| **U.S. Total** | **0** | **8** | **0** | **0** | **1** | **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.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

### Total (All Sectors) by Census Division and State, Year-to-Date through May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **34** | **0** | **3** | **0** | **0** | **8** |
| Connecticut | 0 | 59 | 0 | 2 | 0 | 0 | 28 |
| Maine | 0 | 29 | 0 | 16 | 0 | 0 | 10 |
| Massachusetts | 0 | 45 | 0 | 7 | 0 | 0 | 17 |
| New Hampshire | 0 | 78 | 0 | 0 | 0 | 0 | 17 |
| Rhode Island | 0 | 140 | 0 | 11 | 0 | 0 | 114 |
| Vermont | 0 | 366 | 0 | 0 | 0 | 0 | 15 |
| **Middle Atlantic** | **30** | **34** | **0** | **1** | **36** | **0** | **2** |
| New Jersey | 0 | 111 | 0 | 4 | 0 | 0 | 0 |
| New York | 0 | 37 | 0 | 2 | 0 | 0 | 1 |
| Pennsylvania | 30 | 70 | 0 | 1 | 57 | 0 | 10 |
| **East North Central** | **0** | **7** | **24** | **2** | **11** | **0** | **18** |
| Illinois | 0 | 14 | 0 | 7 | 0 | 0 | 53 |
| Indiana | 0 | 5 | 0 | 3 | 18 | 0 | 28 |
| Michigan | 0 | 6 | 0 | 4 | 0 | 0 | 40 |
| Ohio | 1 | 14 | 84 | 2 | 25 | 0 | 24 |
| Wisconsin | 0 | 25 | 0 | 8 | 0 | 0 | 30 |
| **West North Central** | **2** | **8** | **0** | **12** | **0** | **0** | **12** |
| Iowa | 11 | 11 | 0 | 17 | 0 | 0 | 36 |
| Kansas | 0 | 19 | 0 | 15 | 0 | 0 | 0 |
| Minnesota | 1 | 22 | 0 | 20 | 0 | 0 | 47 |
| Missouri | 4 | 25 | 0 | 12 | 0 | 0 | 12 |
| Nebraska | 6 | 32 | 0 | 59 | 0 | 0 | 43 |
| North Dakota | 0 | 6 | 0 | 64 | 0 | 0 | 33 |
| South Dakota | 0 | 55 | 0 | 54 | 0 | 0 | 20 |
| **South Atlantic** | **1** | **7** | **0** | **1** | **0** | **0** | **6** |
| Delaware | 0 | 120 | 0 | 13 | 0 | 0 | 0 |
| District of Columbia | 0 | 18,155 | 0 | 54 | 0 | 0 | 0 |
| Florida | 0 | 11 | 0 | 1 | 0 | 0 | 33 |
| Georgia | 0 | 17 | 0 | 4 | 0 | 0 | 9 |
| Maryland | 0 | 5 | 0 | 3 | 0 | 0 | 1 |
| North Carolina | 0 | 29 | 0 | 2 | 0 | 0 | 8 |
| South Carolina | 0 | 20 | 0 | 3 | 0 | 0 | 14 |
| Virginia | 0 | 18 | 0 | 3 | 0 | 0 | 17 |
| West Virginia | 3 | 0 | 0 | 7 | 0 | 0 | 12 |
| **East South Central** | **0** | **2** | **0** | **1** | **0** | **0** | **3** |
| Alabama | 0 | 77 | 0 | 2 | 0 | 0 | 5 |
| Kentucky | 0 | 5 | 0 | 3 | 0 | 0 | 6 |
| Mississippi | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Tennessee | 0 | 1 | 0 | 3 | 0 | 0 | 6 |
| **West South Central** | **2** | **10** | **0** | **1** | **4** | **0** | **7** |
| Arkansas | 0 | 9 | 0 | 6 | 0 | 0 | 9 |
| Louisiana | 29 | 152 | 0 | 2 | 8 | 0 | 16 |
| Oklahoma | 0 | 13 | 0 | 3 | 0 | 0 | 12 |
| Texas | 0 | 15 | 0 | 1 | 3 | 0 | 24 |
| **Mountain** | **2** | **6** | **0** | **2** | **6** | **0** | **8** |
| Arizona | 0 | 3 | 0 | 0 | 0 | 0 | 7 |
| Colorado | 0 | 34 | 0 | 2 | 0 | 0 | 27 |
| Idaho | 344 | 0 | 0 | 50 | 0 | 0 | 16 |
| Montana | 19 | 11 | 0 | 67 | 0 | 0 | 15 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| New Mexico | 0 | 105 | 0 | 3 | 0 | 0 | 96 |
| Utah | 0 | 12 | 0 | 3 | 0 | 0 | 50 |
| Wyoming | 5 | 1 | 0 | 11 | 6 | 0 | 46 |
| **Pacific Contiguous** | **0** | **22** | **0** | **4** | **4** | **0** | **2** |
| California | 0 | 11 | 0 | 2 | 5 | 0 | 6 |
| Oregon | 0 | 451 | 0 | 17 | 0 | 0 | 6 |
| Washington | 0 | 56 | 0 | 25 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **23** | **1** | **0** | **54** | **0** | **0** | **32** |
| Alaska | 23 | 3 | 0 | 54 | 0 | 0 | 35 |
| Hawaii | 0 | 1 | 0 | 0 | 0 | 0 | 54 |
| **U.S. Total** | **1** | **1** | **17** | **1** | **5** | **0** | **2** |

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

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

### Total (All Sectors) by Census Division and State, Year-to-Date through May 2024 (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** | **4** | **4** | **0** | **0** | **2** |
| Connecticut | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 1 |
| Maine | 0 | 0 | 0 | 11 | 7 | 0 | 0 | 6 |
| Massachusetts | 0 | 0 | 0 | 6 | 5 | 0 | 0 | 4 |
| New Hampshire | 0 | 0 | 0 | 137 | 24 | 0 | 0 | 2 |
| Rhode Island | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 10 |
| Vermont | 0 | 0 | 0 | 15 | 14 | 0 | 0 | 11 |
| **Middle Atlantic** | **0** | **0** | **0** | **4** | **3** | **0** | **1** | **1** |
| New Jersey | 0 | 0 | 0 | 7 | 5 | 0 | 0 | 2 |
| New York | 0 | 0 | 0 | 6 | 4 | 0 | 2 | 1 |
| Pennsylvania | 0 | 0 | 0 | 9 | 5 | 0 | 0 | 1 |
| **East North Central** | **0** | **0** | **0** | **1** | **1** | **0** | **2** | **1** |
| Illinois | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |
| Indiana | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 |
| Michigan | 0 | 0 | 0 | 5 | 3 | 0 | 20 | 2 |
| Ohio | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 2 | 3 | 0 | 25 | 4 |
| **West North Central** | **0** | **0** | **0** | **4** | **1** | **0** | **7** | **2** |
| Iowa | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 4 |
| Kansas | 0 | 0 | 0 | 27 | 2 | 0 | 0 | 2 |
| Minnesota | 0 | 0 | 0 | 6 | 3 | 0 | 6 | 6 |
| Missouri | 0 | 0 | 0 | 22 | 2 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 5 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 66 | 3 |
| South Dakota | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 8 |
| **South Atlantic** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 13 | 16 | 0 | 0 | 11 |
| District of Columbia | 0 | 0 | 0 | 57 | 18 | 0 | 0 | 27 |
| Florida | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Georgia | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| South Carolina | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 |
| Virginia | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 14 | 2 | 0 | 0 | 2 |
| **East South Central** | **0** | **0** | **0** | **2** | **3** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 12 | 16 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 |
| Tennessee | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **0** | **1** | **0** | **2** | **1** |
| Arkansas | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 3 |
| Louisiana | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 2 |
| Oklahoma | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 2 |
| Texas | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 |
| **Mountain** | **0** | **13** | **0** | **1** | **1** | **0** | **1** | **1** |
| Arizona | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Idaho | 0 | 66 | 0 | 3 | 6 | 0 | 0 | 12 |
| Montana | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 7 |
| Nevada | 0 | 13 | 0 | 1 | 3 | 0 | 0 | 1 |
| New Mexico | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Utah | 0 | 32 | 0 | 1 | 2 | 0 | 11 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **6** | **0** | **1** | **1** | **0** | **0** | **1** |
| California | 0 | 6 | 0 | 1 | 1 | 0 | 0 | 1 |
| Oregon | 0 | 46 | 0 | 4 | 3 | 0 | 0 | 4 |
| Washington | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **0** | **44** | **0** | **7** | **9** | **0** | **0** | **10** |
| Alaska | 0 | 0 | 0 | 106 | 36 | 0 | 0 | 25 |
| Hawaii | 0 | 44 | 0 | 7 | 9 | 0 | 0 | 2 |
| **U.S. Total** | **0** | **8** | **0** | **0** | **1** | **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.1.C. Relative Standard Error (Percent) for Small Scale Solar Generation and Capacity by Sector, Census Division and State, May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **3** | **2** | **.** | **2** |
| Connecticut | 0 | 4 | 0 | . | 1 |
| Maine | 2 | 1 | 0 | . | 1 |
| Massachusetts | 1 | 4 | 4 | . | 2 |
| New Hampshire | 2 | 7 | 0 | . | 2 |
| Rhode Island | 0 | 0 | 0 | . | 0 |
| Vermont | 11 | 74 | 89 | . | 29 |
| **Middle Atlantic** | **1** | **2** | **2** | **.** | **1** |
| New Jersey | 1 | 2 | 2 | . | 1 |
| New York | 0 | 0 | 1 | . | 0 |
| Pennsylvania | 5 | 19 | 3 | . | 6 |
| **East North Central** | **4** | **3** | **11** | **.** | **3** |
| Illinois | 4 | 4 | 0 | . | 3 |
| Indiana | 20 | 4 | 59 | . | 9 |
| Michigan | 11 | 21 | 120 | . | 10 |
| Ohio | 13 | 9 | 7 | . | 8 |
| Wisconsin | 20 | 15 | 26 | . | 13 |
| **West North Central** | **6** | **3** | **10** | **.** | **4** |
| Iowa | 12 | 5 | 31 | . | 7 |
| Kansas | 20 | 13 | 0 | . | 16 |
| Minnesota | 13 | 8 | 11 | . | 9 |
| Missouri | 8 | 3 | 14 | . | 6 |
| Nebraska | 29 | 43 | 78 | . | 25 |
| North Dakota | 0 | 0 | 0 | . | 0 |
| South Dakota | 0 | 0 | 0 | . | 0 |
| **South Atlantic** | **4** | **4** | **14** | **.** | **3** |
| Delaware | 22 | 17 | 160 | . | 22 |
| District of Columbia | 0 | 0 | 0 | . | 0 |
| Florida | 6 | 14 | 7 | . | 6 |
| Georgia | 101 | 45 | 0 | . | 76 |
| Maryland | 6 | 8 | 24 | . | 5 |
| North Carolina | 12 | 9 | 0 | . | 10 |
| South Carolina | 20 | 19 | 0 | . | 16 |
| Virginia | 12 | 6 | 15 | . | 8 |
| West Virginia | 12 | 0 | 0 | . | 9 |
| **East South Central** | **11** | **9** | **0** | **.** | **9** |
| Alabama | 0 | 0 | 0 | . | 0 |
| Kentucky | 11 | 9 | 0 | . | 10 |
| Mississippi | 30 | 22 | 0 | . | 23 |
| Tennessee | 0 | 0 | 0 | . | 0 |
| **West South Central** | **15** | **21** | **28** | **.** | **12** |
| Arkansas | 27 | 28 | 31 | . | 17 |
| Louisiana | 27 | 54 | 181 | . | 25 |
| Oklahoma | 25 | 37 | 0 | . | 22 |
| Texas | 22 | 31 | 153 | . | 19 |
| **Mountain** | **1** | **1** | **11** | **.** | **1** |
| Arizona | 1 | 1 | 0 | . | 1 |
| Colorado | 4 | 2 | 30 | . | 3 |
| Idaho | 3 | 5 | 0 | . | 3 |
| Montana | 12 | 4 | 0 | . | 10 |
| Nevada | 1 | 1 | 0 | . | 1 |
| New Mexico | 6 | 3 | 902 | . | 5 |
| Utah | 4 | 3 | 0 | . | 3 |
| Wyoming | 25 | 29 | 763 | . | 29 |
| **Pacific Contiguous** | **0** | **1** | **0** | **.** | **0** |
| California | 0 | 1 | 0 | . | 0 |
| Oregon | 3 | 6 | 4 | . | 3 |
| Washington | 6 | 12 | 9 | . | 5 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **.** | **0** |
| Alaska | 12 | 20 | 0 | . | 10 |
| Hawaii | 0 | 0 | 0 | . | 0 |
| **U.S. Total** | **1** | **1** | **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.

## Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **38** | **0** | **171** | **0** | **0** | **19** |
| Connecticut | 0 | 30 | 0 | 0 | 0 | 0 | 25 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 566 |
| Massachusetts | 0 | 54 | 0 | 246 | 0 | 0 | 35 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 366 | 0 | 0 | 0 | 0 | 24 |
| **Middle Atlantic** | **0** | **45** | **0** | **6** | **0** | **0** | **1** |
| New Jersey | 0 | 0 | 0 | 100 | 0 | 0 | 0 |
| New York | 0 | 46 | 0 | 6 | 0 | 0 | 1 |
| Pennsylvania | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| **East North Central** | **0** | **5** | **0** | **5** | **0** | **0** | **20** |
| Illinois | 0 | 39 | 0 | 17 | 0 | 0 | 67 |
| Indiana | 0 | 5 | 0 | 5 | 0 | 0 | 26 |
| Michigan | 0 | 6 | 0 | 8 | 0 | 0 | 41 |
| Ohio | 8 | 28 | 0 | 8 | 0 | 0 | 31 |
| Wisconsin | 0 | 26 | 0 | 9 | 0 | 0 | 34 |
| **West North Central** | **2** | **8** | **0** | **14** | **0** | **0** | **13** |
| Iowa | 13 | 12 | 0 | 18 | 0 | 0 | 36 |
| Kansas | 0 | 19 | 0 | 16 | 0 | 0 | 0 |
| Minnesota | 1 | 23 | 0 | 24 | 0 | 0 | 61 |
| Missouri | 4 | 25 | 0 | 14 | 0 | 0 | 12 |
| Nebraska | 6 | 32 | 0 | 60 | 0 | 0 | 43 |
| North Dakota | 0 | 6 | 0 | 64 | 0 | 0 | 33 |
| South Dakota | 0 | 55 | 0 | 55 | 0 | 0 | 20 |
| **South Atlantic** | **0** | **10** | **0** | **1** | **0** | **0** | **7** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 12 | 0 | 1 | 0 | 0 | 33 |
| Georgia | 0 | 37 | 0 | 3 | 0 | 0 | 9 |
| Maryland | 0 | 59 | 0 | 1 | 0 | 0 | 0 |
| North Carolina | 0 | 29 | 0 | 2 | 0 | 0 | 9 |
| South Carolina | 0 | 21 | 0 | 3 | 0 | 0 | 13 |
| Virginia | 0 | 26 | 0 | 5 | 0 | 0 | 17 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **East South Central** | **0** | **2** | **0** | **2** | **0** | **0** | **3** |
| Alabama | 0 | 70 | 0 | 4 | 0 | 0 | 5 |
| Kentucky | 0 | 5 | 0 | 3 | 0 | 0 | 6 |
| Mississippi | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Tennessee | 0 | 1 | 0 | 4 | 0 | 0 | 6 |
| **West South Central** | **3** | **11** | **0** | **2** | **0** | **0** | **8** |
| Arkansas | 0 | 11 | 0 | 7 | 0 | 0 | 9 |
| Louisiana | 45 | 152 | 0 | 3 | 0 | 0 | 0 |
| Oklahoma | 0 | 17 | 0 | 4 | 0 | 0 | 12 |
| Texas | 0 | 19 | 0 | 4 | 0 | 0 | 25 |
| **Mountain** | **1** | **7** | **0** | **2** | **0** | **0** | **7** |
| Arizona | 0 | 3 | 0 | 1 | 0 | 0 | 7 |
| Colorado | 0 | 34 | 0 | 2 | 0 | 0 | 29 |
| Idaho | 0 | 0 | 0 | 77 | 0 | 0 | 17 |
| Montana | 0 | 240 | 0 | 79 | 0 | 0 | 15 |
| Nevada | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| New Mexico | 0 | 105 | 0 | 4 | 0 | 0 | 96 |
| Utah | 0 | 12 | 0 | 3 | 0 | 0 | 53 |
| Wyoming | 5 | 1 | 0 | 14 | 0 | 0 | 48 |
| **Pacific Contiguous** | **0** | **17** | **0** | **10** | **0** | **0** | **2** |
| California | 0 | 12 | 0 | 3 | 0 | 0 | 5 |
| Oregon | 0 | 576 | 0 | 28 | 0 | 0 | 6 |
| Washington | 0 | 138 | 0 | 29 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **26** | **1** | **0** | **54** | **0** | **0** | **37** |
| Alaska | 26 | 3 | 0 | 54 | 0 | 0 | 37 |
| Hawaii | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **1** | **0** | **1** | **0** | **0** | **2** |

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

## Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, May 2024 (Continued)

| Census Region and State | Wind | Geothermal | Biomass | Solar Thermal and Photovoltaic | Other Renewables | Hydroelectric Pumped Storage | Other Energy Sources | All Energy Sources |
|---|---|---|---|---|---|---|---|---|
| **New England** | **0** | **0** | **0** | **14** | **11** | **0** | **0** | **17** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 566 |
| Massachusetts | 0 | 0 | 0 | 26 | 24 | 0 | 0 | 40 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 4 | 12 | 0 | 0 | 15 |
| **Middle Atlantic** | **0** | **0** | **0** | **23** | **10** | **0** | **0** | **2** |
| New Jersey | 0 | 0 | 0 | 23 | 23 | 0 | 0 | 49 |
| New York | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Pennsylvania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East North Central** | **0** | **0** | **0** | **2** | **2** | **0** | **18** | **2** |
| Illinois | 0 | 0 | 0 | 50 | 48 | 0 | 0 | 13 |
| Indiana | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 2 |
| Michigan | 0 | 0 | 0 | 18 | 4 | 0 | 0 | 3 |
| Ohio | 0 | 0 | 0 | 98 | 116 | 0 | 0 | 7 |
| Wisconsin | 0 | 0 | 0 | 2 | 3 | 0 | 25 | 5 |
| **West North Central** | **0** | **0** | **0** | **8** | **2** | **0** | **7** | **3** |
| Iowa | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 5 |
| Kansas | 0 | 0 | 0 | 76 | 6 | 0 | 0 | 4 |
| Minnesota | 0 | 0 | 0 | 22 | 5 | 0 | 0 | 7 |
| Missouri | 0 | 0 | 0 | 62 | 2 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 96 | 39 | 0 | 0 | 9 |
| North Dakota | 0 | 0 | 0 | 0 | 6 | 0 | 66 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 17 |
| **South Atlantic** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 105 | 105 | 0 | 0 | 9 |
| District of Columbia | 0 | 0 | 0 | 247 | 247 | 0 | 0 | 247 |
| Florida | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Georgia | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 93 | 93 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 1 |
| South Carolina | 0 | 0 | 0 | 95 | 56 | 0 | 0 | 1 |
| Virginia | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 68 | 68 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **9** | **13** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 53 | 53 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 37 | 35 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 2 |
| Tennessee | 0 | 0 | 0 | 165 | 165 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **10** | **2** | **0** | **0** | **2** |
| Arkansas | 0 | 0 | 0 | 10 | 10 | 0 | 0 | 3 |
| Louisiana | 0 | 0 | 0 | 43 | 43 | 0 | 0 | 3 |
| Oklahoma | 0 | 0 | 0 | 28 | 2 | 0 | 0 | 3 |
| Texas | 0 | 0 | 0 | 71 | 17 | 0 | 0 | 3 |
| **Mountain** | **0** | **43** | **0** | **4** | **2** | **0** | **6** | **1** |
| Arizona | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 75 | 2 | 0 | 0 | 2 |
| Idaho | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 18 |
| Montana | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 14 |
| Nevada | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 2 |
| Utah | 0 | 43 | 0 | 22 | 37 | 0 | 41 | 2 |
| Wyoming | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 4 |
| **Pacific Contiguous** | **0** | **0** | **0** | **14** | **3** | **0** | **0** | **2** |
| California | 0 | 0 | 0 | 14 | 4 | 0 | 0 | 3 |
| Oregon | 0 | 0 | 0 | 114 | 4 | 0 | 0 | 7 |
| Washington | 0 | 0 | 0 | 96 | 6 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **25** | **31** | **0** | **0** | **14** |
| Alaska | 0 | 0 | 0 | 225 | 62 | 0 | 0 | 27 |
| Hawaii | 0 | 0 | 0 | 24 | 21 | 0 | 0 | 1 |
| **U.S. Total** | **0** | **10** | **0** | **1** | **1** | **0** | **3** | **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 May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **38** | **0** | **171** | **0** | **0** | **19** |
| Connecticut | 0 | 30 | 0 | 0 | 0 | 0 | 25 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 566 |
| Massachusetts | 0 | 54 | 0 | 246 | 0 | 0 | 35 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 366 | 0 | 0 | 0 | 0 | 24 |
| **Middle Atlantic** | **0** | **45** | **0** | **6** | **0** | **0** | **1** |
| New Jersey | 0 | 0 | 0 | 100 | 0 | 0 | 0 |
| New York | 0 | 46 | 0 | 6 | 0 | 0 | 1 |
| Pennsylvania | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| **East North Central** | **0** | **5** | **0** | **5** | **0** | **0** | **20** |
| Illinois | 0 | 39 | 0 | 17 | 0 | 0 | 67 |
| Indiana | 0 | 5 | 0 | 5 | 0 | 0 | 26 |
| Michigan | 0 | 6 | 0 | 8 | 0 | 0 | 41 |
| Ohio | 8 | 28 | 0 | 8 | 0 | 0 | 31 |
| Wisconsin | 0 | 26 | 0 | 9 | 0 | 0 | 34 |
| **West North Central** | **2** | **8** | **0** | **14** | **0** | **0** | **13** |
| Iowa | 13 | 12 | 0 | 18 | 0 | 0 | 36 |
| Kansas | 0 | 19 | 0 | 16 | 0 | 0 | 0 |
| Minnesota | 1 | 23 | 0 | 24 | 0 | 0 | 61 |
| Missouri | 4 | 25 | 0 | 14 | 0 | 0 | 12 |
| Nebraska | 6 | 32 | 0 | 60 | 0 | 0 | 43 |
| North Dakota | 0 | 6 | 0 | 64 | 0 | 0 | 33 |
| South Dakota | 0 | 55 | 0 | 55 | 0 | 0 | 20 |
| **South Atlantic** | **0** | **10** | **0** | **1** | **0** | **0** | **7** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 12 | 0 | 1 | 0 | 0 | 33 |
| Georgia | 0 | 37 | 0 | 3 | 0 | 0 | 9 |
| Maryland | 0 | 59 | 0 | 1 | 0 | 0 | 0 |
| North Carolina | 0 | 29 | 0 | 2 | 0 | 0 | 9 |
| South Carolina | 0 | 21 | 0 | 3 | 0 | 0 | 13 |
| Virginia | 0 | 26 | 0 | 5 | 0 | 0 | 17 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **East South Central** | **0** | **2** | **0** | **2** | **0** | **0** | **3** |
| Alabama | 0 | 70 | 0 | 4 | 0 | 0 | 5 |
| Kentucky | 0 | 5 | 0 | 3 | 0 | 0 | 6 |
| Mississippi | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Tennessee | 0 | 1 | 0 | 4 | 0 | 0 | 6 |
| **West South Central** | **3** | **11** | **0** | **2** | **0** | **0** | **8** |
| Arkansas | 0 | 11 | 0 | 7 | 0 | 0 | 9 |
| Louisiana | 45 | 152 | 0 | 3 | 0 | 0 | 0 |
| Oklahoma | 0 | 17 | 0 | 4 | 0 | 0 | 12 |
| Texas | 0 | 19 | 0 | 4 | 0 | 0 | 25 |
| **Mountain** | **1** | **7** | **0** | **2** | **0** | **0** | **7** |
| Arizona | 0 | 3 | 0 | 1 | 0 | 0 | 7 |
| Colorado | 0 | 34 | 0 | 2 | 0 | 0 | 29 |
| Idaho | 0 | 0 | 0 | 77 | 0 | 0 | 17 |
| Montana | 0 | 240 | 0 | 79 | 0 | 0 | 15 |
| Nevada | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| New Mexico | 0 | 105 | 0 | 4 | 0 | 0 | 96 |
| Utah | 0 | 12 | 0 | 3 | 0 | 0 | 53 |
| Wyoming | 5 | 1 | 0 | 14 | 0 | 0 | 48 |
| **Pacific Contiguous** | **0** | **17** | **0** | **10** | **0** | **0** | **2** |
| California | 0 | 12 | 0 | 3 | 0 | 0 | 5 |
| Oregon | 0 | 576 | 0 | 28 | 0 | 0 | 6 |
| Washington | 0 | 138 | 0 | 29 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **26** | **1** | **0** | **54** | **0** | **0** | **37** |
| Alaska | 26 | 3 | 0 | 54 | 0 | 0 | 37 |
| Hawaii | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **1** | **0** | **1** | **0** | **0** | **2** |

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

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

### Electric Utilities by Census Division and State, Year-to-Date through May 2024 (Continued)

| Census Region and State | Wind | Geothermal | Biomass | Solar Thermal and Photovoltaic | Other Renewables | Hydroelectric Pumped Storage | Other Energy Sources | All Energy Sources |
|---|---|---|---|---|---|---|---|---|
| **New England** | **0** | **0** | **0** | **14** | **11** | **0** | **0** | **17** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 566 |
| Massachusetts | 0 | 0 | 0 | 26 | 24 | 0 | 0 | 40 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 4 | 12 | 0 | 0 | 15 |
| **Middle Atlantic** | **0** | **0** | **0** | **23** | **10** | **0** | **0** | **2** |
| New Jersey | 0 | 0 | 0 | 23 | 23 | 0 | 0 | 49 |
| New York | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Pennsylvania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East North Central** | **0** | **0** | **0** | **2** | **2** | **0** | **18** | **2** |
| Illinois | 0 | 0 | 0 | 50 | 48 | 0 | 0 | 13 |
| Indiana | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 2 |
| Michigan | 0 | 0 | 0 | 18 | 4 | 0 | 0 | 3 |
| Ohio | 0 | 0 | 0 | 98 | 116 | 0 | 0 | 7 |
| Wisconsin | 0 | 0 | 0 | 2 | 3 | 0 | 25 | 5 |
| **West North Central** | **0** | **0** | **0** | **8** | **2** | **0** | **7** | **3** |
| Iowa | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 5 |
| Kansas | 0 | 0 | 0 | 76 | 6 | 0 | 0 | 4 |
| Minnesota | 0 | 0 | 0 | 22 | 5 | 0 | 0 | 7 |
| Missouri | 0 | 0 | 0 | 62 | 2 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 96 | 39 | 0 | 0 | 9 |
| North Dakota | 0 | 0 | 0 | 0 | 6 | 0 | 66 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 17 |
| **South Atlantic** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 105 | 105 | 0 | 0 | 9 |
| District of Columbia | 0 | 0 | 0 | 247 | 247 | 0 | 0 | 247 |
| Florida | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Georgia | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 93 | 93 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 1 |
| South Carolina | 0 | 0 | 0 | 95 | 56 | 0 | 0 | 1 |
| Virginia | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 68 | 68 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **9** | **13** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 53 | 53 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 37 | 35 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 2 |
| Tennessee | 0 | 0 | 0 | 165 | 165 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **10** | **2** | **0** | **0** | **2** |
| Arkansas | 0 | 0 | 0 | 10 | 10 | 0 | 0 | 3 |
| Louisiana | 0 | 0 | 0 | 43 | 43 | 0 | 0 | 3 |
| Oklahoma | 0 | 0 | 0 | 28 | 2 | 0 | 0 | 3 |
| Texas | 0 | 0 | 0 | 71 | 17 | 0 | 0 | 3 |
| **Mountain** | **0** | **43** | **0** | **4** | **2** | **0** | **6** | **1** |
| Arizona | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 75 | 2 | 0 | 0 | 2 |
| Idaho | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 18 |
| Montana | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 14 |
| Nevada | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 2 |
| Utah | 0 | 43 | 0 | 22 | 37 | 0 | 41 | 2 |
| Wyoming | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 4 |
| **Pacific Contiguous** | **0** | **0** | **0** | **14** | **3** | **0** | **0** | **2** |
| California | 0 | 0 | 0 | 14 | 4 | 0 | 0 | 3 |
| Oregon | 0 | 0 | 0 | 114 | 4 | 0 | 0 | 7 |
| Washington | 0 | 0 | 0 | 96 | 6 | 0 | 0 | 2 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **25** | **31** | **0** | **0** | **14** |
| Alaska | 0 | 0 | 0 | 225 | 62 | 0 | 0 | 27 |
| Hawaii | 0 | 0 | 0 | 24 | 21 | 0 | 0 | 1 |
| **U.S. Total** | **0** | **10** | **0** | **1** | **1** | **0** | **3** | **1** |

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

### Independent Power Producers by Census Division and State, May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **52** | **0** | **3** | **0** | **0** | **8** |
| Connecticut | 0 | 64 | 0 | 2 | 0 | 0 | 32 |
| Maine | 0 | 172 | 0 | 16 | 0 | 0 | 10 |
| Massachusetts | 0 | 97 | 0 | 8 | 0 | 0 | 20 |
| New Hampshire | 0 | 318 | 0 | 0 | 0 | 0 | 17 |
| Rhode Island | 0 | 149 | 0 | 11 | 0 | 0 | 114 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **Middle Atlantic** | **30** | **52** | **0** | **1** | **0** | **0** | **8** |
| New Jersey | 0 | 113 | 0 | 4 | 0 | 0 | 0 |
| New York | 0 | 72 | 0 | 2 | 0 | 0 | 8 |
| Pennsylvania | 30 | 80 | 0 | 1 | 0 | 0 | 10 |
| **East North Central** | **0** | **13** | **85** | **1** | **14** | **0** | **45** |
| Illinois | 0 | 15 | 0 | 8 | 0 | 0 | 86 |
| Indiana | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Michigan | 0 | 0 | 0 | 2 | 0 | 0 | 145 |
| Ohio | 0 | 15 | 85 | 2 | 44 | 0 | 37 |
| Wisconsin | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| **West North Central** | **0** | **112** | **0** | **30** | **0** | **0** | **78** |
| Iowa | 0 | 48 | 0 | 2,488 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 0 | 310 | 0 | 40 | 0 | 0 | 103 |
| Missouri | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **10** | **8** | **0** | **3** | **0** | **0** | **5** |
| Delaware | 0 | 120 | 0 | 23 | 0 | 0 | 0 |
| Florida | 0 | 85 | 0 | 7 | 0 | 0 | 0 |
| Georgia | 0 | 309 | 0 | 14 | 0 | 0 | 221 |
| Maryland | 0 | 5 | 0 | 3 | 0 | 0 | 1 |
| North Carolina | 0 | 221 | 0 | 9 | 0 | 0 | 18 |
| South Carolina | 0 | 7 | 0 | 31 | 0 | 0 | 68 |
| Virginia | 0 | 27 | 0 | 3 | 0 | 0 | 37 |
| West Virginia | 19 | 0 | 0 | 10 | 0 | 0 | 25 |
| **East South Central** | **0** | **131** | **0** | **1** | **0** | **0** | **18** |
| Alabama | 0 | 131 | 0 | 1 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 134 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **West South Central** | **0** | **17** | **0** | **1** | **0** | **0** | **15** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| Louisiana | 0 | 0 | 0 | 7 | 0 | 0 | 16 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 19 | 0 | 1 | 0 | 0 | 0 |
| **Mountain** | **13** | **5** | **0** | **4** | **0** | **0** | **38** |
| Arizona | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 10 | 0 | 0 | 86 |
| Idaho | 0 | 0 | 0 | 74 | 0 | 0 | 50 |
| Montana | 19 | 6 | 0 | 107 | 0 | 0 | 131 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| New Mexico | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 77 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Pacific Contiguous** | **0** | **51** | **0** | **4** | **0** | **0** | **28** |
| California | 0 | 0 | 0 | 2 | 0 | 0 | 32 |
| Oregon | 0 | 0 | 0 | 9 | 0 | 0 | 93 |
| Washington | 0 | 59 | 0 | 81 | 0 | 0 | 83 |
| **Pacific Noncontiguous** | **71** | **0** | **0** | **0** | **0** | **0** | **0** |
| Alaska | 71 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **2** | **4** | **49** | **1** | **7** | **0** | **6** |

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

### Independent Power Producers by Census Division and State, May 2024 (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** | **5** | **5** | **0** | **0** | **2** |
| Connecticut | 0 | 0 | 0 | 12 | 8 | 0 | 0 | 1 |
| Maine | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 6 |
| Massachusetts | 0 | 0 | 0 | 7 | 6 | 0 | 0 | 5 |
| New Hampshire | 0 | 0 | 0 | 137 | 25 | 0 | 0 | 2 |
| Rhode Island | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 10 |
| Vermont | 0 | 0 | 0 | 21 | 22 | 0 | 0 | 14 |
| **Middle Atlantic** | **0** | **0** | **0** | **4** | **3** | **0** | **0** | **1** |
| New Jersey | 0 | 0 | 0 | 8 | 7 | 0 | 0 | 2 |
| New York | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 1 |
| Pennsylvania | 0 | 0 | 0 | 9 | 6 | 0 | 0 | 1 |
| **East North Central** | **0** | **0** | **0** | **2** | **2** | **0** | **29** | **1** |
| Illinois | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |
| Indiana | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 1 |
| Michigan | 0 | 0 | 0 | 5 | 5 | 0 | 39 | 2 |
| Ohio | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **4** | **1** | **0** | **0** | **2** |
| Iowa | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 3 |
| Kansas | 0 | 0 | 0 | 27 | 2 | 0 | 0 | 2 |
| Minnesota | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 9 |
| Missouri | 0 | 0 | 0 | 24 | 3 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| South Dakota | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| **South Atlantic** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **2** |
| Delaware | 0 | 0 | 0 | 10 | 17 | 0 | 0 | 19 |
| District of Columbia | 0 | 0 | 0 | 58 | 58 | 0 | 0 | 58 |
| Florida | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 5 |
| Georgia | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 |
| Maryland | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 4 |
| South Carolina | 0 | 0 | 0 | 3 | 5 | 0 | 0 | 6 |
| Virginia | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 11 |
| **East South Central** | **0** | **0** | **0** | **2** | **2** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 9 | 12 | 0 | 0 | 3 |
| Mississippi | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Tennessee | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 8 |
| **West South Central** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **1** |
| Arkansas | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Louisiana | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 5 |
| Oklahoma | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Texas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **Mountain** | **0** | **13** | **0** | **1** | **1** | **0** | **0** | **1** |
| Arizona | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 |
| Idaho | 0 | 66 | 0 | 4 | 7 | 0 | 0 | 18 |
| Montana | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 6 |
| Nevada | 0 | 13 | 0 | 1 | 3 | 0 | 0 | 2 |
| New Mexico | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Utah | 0 | 43 | 0 | 1 | 2 | 0 | 0 | 2 |
| Wyoming | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **7** | **0** | **1** | **1** | **0** | **0** | **1** |
| California | 0 | 7 | 0 | 1 | 1 | 0 | 0 | 1 |
| Oregon | 0 | 46 | 0 | 4 | 3 | 0 | 0 | 3 |
| Washington | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 14 |
| **Pacific Noncontiguous** | **0** | **44** | **0** | **7** | **10** | **0** | **0** | **5** |
| Alaska | 0 | 0 | 0 | 120 | 67 | 0 | 0 | 52 |
| Hawaii | 0 | 44 | 0 | 6 | 11 | 0 | 0 | 5 |
| **U.S. Total** | **0** | **8** | **0** | **0** | **1** | **0** | **0** | **0** |

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

### Independent Power Producers by Census Division and State, Year-to-Date through May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **52** | **0** | **3** | **0** | **0** | **8** |
| Connecticut | 0 | 64 | 0 | 2 | 0 | 0 | 32 |
| Maine | 0 | 172 | 0 | 16 | 0 | 0 | 10 |
| Massachusetts | 0 | 97 | 0 | 8 | 0 | 0 | 20 |
| New Hampshire | 0 | 318 | 0 | 0 | 0 | 0 | 17 |
| Rhode Island | 0 | 149 | 0 | 11 | 0 | 0 | 114 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **Middle Atlantic** | **30** | **52** | **0** | **1** | **0** | **0** | **8** |
| New Jersey | 0 | 113 | 0 | 4 | 0 | 0 | 0 |
| New York | 0 | 72 | 0 | 2 | 0 | 0 | 8 |
| Pennsylvania | 30 | 80 | 0 | 1 | 0 | 0 | 10 |
| **East North Central** | **0** | **13** | **85** | **1** | **14** | **0** | **45** |
| Illinois | 0 | 15 | 0 | 8 | 0 | 0 | 86 |
| Indiana | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Michigan | 0 | 0 | 0 | 2 | 0 | 0 | 145 |
| Ohio | 0 | 15 | 85 | 2 | 44 | 0 | 37 |
| Wisconsin | 0 | 0 | 0 | 0 | 0 | 0 | 148 |
| **West North Central** | **0** | **112** | **0** | **30** | **0** | **0** | **78** |
| Iowa | 0 | 48 | 0 | 2,488 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 0 | 310 | 0 | 40 | 0 | 0 | 103 |
| Missouri | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **10** | **8** | **0** | **3** | **0** | **0** | **5** |
| Delaware | 0 | 120 | 0 | 23 | 0 | 0 | 0 |
| Florida | 0 | 85 | 0 | 7 | 0 | 0 | 0 |
| Georgia | 0 | 309 | 0 | 14 | 0 | 0 | 221 |
| Maryland | 0 | 5 | 0 | 3 | 0 | 0 | 1 |
| North Carolina | 0 | 221 | 0 | 9 | 0 | 0 | 18 |
| South Carolina | 0 | 7 | 0 | 31 | 0 | 0 | 68 |
| Virginia | 0 | 27 | 0 | 3 | 0 | 0 | 37 |
| West Virginia | 19 | 0 | 0 | 10 | 0 | 0 | 25 |
| **East South Central** | **0** | **131** | **0** | **1** | **0** | **0** | **18** |
| Alabama | 0 | 131 | 0 | 1 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 134 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **West South Central** | **0** | **17** | **0** | **1** | **0** | **0** | **15** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| Louisiana | 0 | 0 | 0 | 7 | 0 | 0 | 16 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 19 | 0 | 1 | 0 | 0 | 0 |
| **Mountain** | **13** | **5** | **0** | **4** | **0** | **0** | **38** |
| Arizona | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 10 | 0 | 0 | 86 |
| Idaho | 0 | 0 | 0 | 74 | 0 | 0 | 50 |
| Montana | 19 | 6 | 0 | 107 | 0 | 0 | 131 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| New Mexico | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 77 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Pacific Contiguous** | **0** | **51** | **0** | **4** | **0** | **0** | **28** |
| California | 0 | 0 | 0 | 2 | 0 | 0 | 32 |
| Oregon | 0 | 0 | 0 | 9 | 0 | 0 | 93 |
| Washington | 0 | 59 | 0 | 81 | 0 | 0 | 83 |
| **Pacific Noncontiguous** | **71** | **0** | **0** | **0** | **0** | **0** | **0** |
| Alaska | 71 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **2** | **4** | **49** | **1** | **7** | **0** | **6** |

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

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

### Independent Power Producers by Census Division and State, Year-to-Date through May 2024 (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** | **5** | **5** | **0** | **0** | **2** |
| Connecticut | 0 | 0 | 0 | 12 | 8 | 0 | 0 | 1 |
| Maine | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 6 |
| Massachusetts | 0 | 0 | 0 | 7 | 6 | 0 | 0 | 5 |
| New Hampshire | 0 | 0 | 0 | 137 | 25 | 0 | 0 | 2 |
| Rhode Island | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 10 |
| Vermont | 0 | 0 | 0 | 21 | 22 | 0 | 0 | 14 |
| **Middle Atlantic** | **0** | **0** | **0** | **4** | **3** | **0** | **0** | **1** |
| New Jersey | 0 | 0 | 0 | 8 | 7 | 0 | 0 | 2 |
| New York | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 1 |
| Pennsylvania | 0 | 0 | 0 | 9 | 6 | 0 | 0 | 1 |
| **East North Central** | **0** | **0** | **0** | **2** | **2** | **0** | **29** | **1** |
| Illinois | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |
| Indiana | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 1 |
| Michigan | 0 | 0 | 0 | 5 | 5 | 0 | 39 | 2 |
| Ohio | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **4** | **1** | **0** | **0** | **2** |
| Iowa | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 3 |
| Kansas | 0 | 0 | 0 | 27 | 2 | 0 | 0 | 2 |
| Minnesota | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 9 |
| Missouri | 0 | 0 | 0 | 24 | 3 | 0 | 0 | 3 |
| Nebraska | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| South Dakota | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| **South Atlantic** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **2** |
| Delaware | 0 | 0 | 0 | 10 | 17 | 0 | 0 | 19 |
| District of Columbia | 0 | 0 | 0 | 58 | 58 | 0 | 0 | 58 |
| Florida | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 5 |
| Georgia | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 |
| Maryland | 0 | 0 | 0 | 8 | 5 | 0 | 0 | 1 |
| North Carolina | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 4 |
| South Carolina | 0 | 0 | 0 | 3 | 5 | 0 | 0 | 6 |
| Virginia | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 2 |
| West Virginia | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 11 |
| **East South Central** | **0** | **0** | **0** | **2** | **2** | **0** | **0** | **1** |
| Alabama | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 9 | 12 | 0 | 0 | 3 |
| Mississippi | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Tennessee | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 8 |
| **West South Central** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **1** |
| Arkansas | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Louisiana | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 5 |
| Oklahoma | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Texas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **Mountain** | **0** | **13** | **0** | **1** | **1** | **0** | **0** | **1** |
| Arizona | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 |
| Idaho | 0 | 66 | 0 | 4 | 7 | 0 | 0 | 18 |
| Montana | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 6 |
| Nevada | 0 | 13 | 0 | 1 | 3 | 0 | 0 | 2 |
| New Mexico | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| Utah | 0 | 43 | 0 | 1 | 2 | 0 | 0 | 2 |
| Wyoming | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **7** | **0** | **1** | **1** | **0** | **0** | **1** |
| California | 0 | 7 | 0 | 1 | 1 | 0 | 0 | 1 |
| Oregon | 0 | 46 | 0 | 4 | 3 | 0 | 0 | 3 |
| Washington | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 14 |
| **Pacific Noncontiguous** | **0** | **44** | **0** | **7** | **10** | **0** | **0** | **5** |
| Alaska | 0 | 0 | 0 | 120 | 67 | 0 | 0 | 52 |
| Hawaii | 0 | 44 | 0 | 6 | 11 | 0 | 0 | 5 |
| **U.S. Total** | **0** | **8** | **0** | **0** | **1** | **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.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **68** | **0** | **17** | **0** | **0** | **0** |
| Connecticut | 0 | 82 | 0 | 36 | 0 | 0 | 0 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 96 | 0 | 22 | 0 | 0 | 0 |
| New Hampshire | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 575 | 0 | 54 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **73** | **0** | **15** | **0** | **0** | **0** |
| New Jersey | 0 | 1,401 | 0 | 30 | 0 | 0 | 0 |
| New York | 0 | 89 | 0 | 20 | 0 | 0 | 0 |
| Pennsylvania | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| **East North Central** | **0** | **95** | **0** | **9** | **0** | **0** | **344** |
| Illinois | 0 | 395 | 0 | 24 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 0 | 0 | 0 | 344 |
| Michigan | 0 | 356 | 0 | 18 | 0 | 0 | 0 |
| Ohio | 0 | 130 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 180 | 0 | 18 | 0 | 0 | 0 |
| **West North Central** | **0** | **28** | **0** | **3** | **0** | **0** | **0** |
| Iowa | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| Minnesota | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 847 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **13** | **0** | **23** | **0** | **0** | **0** |
| District of Columbia | 0 | 18,155 | 0 | 54 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 73 | 0 | 0 | 0 |
| Georgia | 0 | 86 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 325 | 0 | 89 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **36** | **0** | **0** | **0** |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 36 | 0 | 0 | 0 |
| **West South Central** | **0** | **97** | **0** | **29** | **0** | **0** | **2,298** |
| Arkansas | 0 | 0 | 0 | 162 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 146 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 97 | 0 | 30 | 0 | 0 | 2,298 |
| **Mountain** | **0** | **605** | **0** | **16** | **0** | **0** | **148** |
| Arizona | 0 | 605 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 65 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 39 | 0 | 0 | 228 |
| **Pacific Contiguous** | **0** | **19** | **0** | **8** | **0** | **0** | **158** |
| California | 0 | 2 | 0 | 9 | 0 | 0 | 158 |
| Oregon | 0 | 668 | 0 | 28 | 0 | 0 | 0 |
| Washington | 0 | 54 | 0 | 73 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **99** | **6** | **0** | **0** | **0** | **0** | **109** |
| Alaska | 99 | 27 | 0 | 0 | 0 | 0 | 109 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **78** | **15** | **0** | **7** | **0** | **0** | **70** |

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

## Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, May 2024 (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** | **65** | **5** | **0** | **0** | **9** |
| Connecticut | 0 | 0 | 0 | 109 | 109 | 0 | 0 | 35 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | 0 | 82 | 5 | 0 | 0 | 9 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **0** | **0** | **19** | **3** | **0** | **2** | **4** |
| New Jersey | 0 | 0 | 0 | 20 | 6 | 0 | 0 | 6 |
| New York | 0 | 0 | 0 | 70 | 2 | 0 | 3 | 7 |
| Pennsylvania | 0 | 0 | 0 | 95 | 4 | 0 | 0 | 2 |
| **East North Central** | **0** | **0** | **0** | **81** | **24** | **0** | **0** | **8** |
| Illinois | 0 | 0 | 0 | 244 | 231 | 0 | 0 | 24 |
| Indiana | 0 | 0 | 0 | 209 | 20 | 0 | 0 | 15 |
| Michigan | 0 | 0 | 0 | 294 | 15 | 0 | 0 | 15 |
| Ohio | 0 | 0 | 0 | 115 | 47 | 0 | 0 | 3 |
| Wisconsin | 0 | 0 | 0 | 143 | 52 | 0 | 0 | 23 |
| **West North Central** | **0** | **0** | **0** | **0** | **25** | **0** | **69** | **8** |
| Iowa | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 7 |
| Kansas | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 165 |
| Minnesota | 0 | 0 | 0 | 0 | 65 | 0 | 69 | 23 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 847 |
| **South Atlantic** | **0** | **0** | **0** | **23** | **3** | **0** | **0** | **5** |
| Delaware | 0 | 0 | 0 | 164 | 81 | 0 | 0 | 81 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Florida | 0 | 0 | 0 | 87 | 1 | 0 | 0 | 8 |
| Georgia | 0 | 0 | 0 | 166 | 166 | 0 | 0 | 143 |
| Maryland | 0 | 0 | 0 | 68 | 68 | 0 | 0 | 5 |
| North Carolina | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 39 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 209 | 2 | 0 | 0 | 1 |
| **East South Central** | **0** | **0** | **0** | **101** | **101** | **0** | **0** | **35** |
| Kentucky | 0 | 0 | 0 | 170 | 170 | 0 | 0 | 170 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 125 | 125 | 0 | 0 | 36 |
| **West South Central** | **0** | **0** | **0** | **6** | **13** | **0** | **0** | **26** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 8 | 16 | 0 | 0 | 27 |
| **Mountain** | **0** | **0** | **0** | **31** | **24** | **0** | **0** | **16** |
| Arizona | 0 | 0 | 0 | 61 | 61 | 0 | 0 | 11 |
| Colorado | 0 | 0 | 0 | 85 | 85 | 0 | 0 | 49 |
| Idaho | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 14 |
| Nevada | 0 | 0 | 0 | 39 | 39 | 0 | 0 | 18 |
| New Mexico | 0 | 0 | 0 | 0 | 394 | 0 | 0 | 65 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| **Pacific Contiguous** | **0** | **0** | **0** | **19** | **7** | **0** | **0** | **6** |
| California | 0 | 0 | 0 | 19 | 7 | 0 | 0 | 6 |
| Oregon | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 23 |
| Washington | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 52 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **113** | **6** | **0** | **0** | **26** |
| Alaska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| Hawaii | 0 | 0 | 0 | 113 | 8 | 0 | 0 | 4 |
| **U.S. Total** | **0** | **0** | **0** | **10** | **2** | **0** | **1** | **3** |

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

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

### Commercial Sector by Census Division and State, Year-to-Date through May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **68** | **0** | **17** | **0** | **0** | **0** |
| Connecticut | 0 | 82 | 0 | 36 | 0 | 0 | 0 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 96 | 0 | 22 | 0 | 0 | 0 |
| New Hampshire | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 575 | 0 | 54 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **73** | **0** | **15** | **0** | **0** | **0** |
| New Jersey | 0 | 1,401 | 0 | 30 | 0 | 0 | 0 |
| New York | 0 | 89 | 0 | 20 | 0 | 0 | 0 |
| Pennsylvania | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| **East North Central** | **0** | **95** | **0** | **9** | **0** | **0** | **344** |
| Illinois | 0 | 395 | 0 | 24 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 0 | 0 | 0 | 344 |
| Michigan | 0 | 356 | 0 | 18 | 0 | 0 | 0 |
| Ohio | 0 | 130 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 180 | 0 | 18 | 0 | 0 | 0 |
| **West North Central** | **0** | **28** | **0** | **3** | **0** | **0** | **0** |
| Iowa | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| Minnesota | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 847 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **13** | **0** | **23** | **0** | **0** | **0** |
| District of Columbia | 0 | 18,155 | 0 | 54 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 73 | 0 | 0 | 0 |
| Georgia | 0 | 86 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 325 | 0 | 89 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **36** | **0** | **0** | **0** |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 36 | 0 | 0 | 0 |
| **West South Central** | **0** | **97** | **0** | **29** | **0** | **0** | **2,298** |
| Arkansas | 0 | 0 | 0 | 162 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 146 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 97 | 0 | 30 | 0 | 0 | 2,298 |
| **Mountain** | **0** | **605** | **0** | **16** | **0** | **0** | **148** |
| Arizona | 0 | 605 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 65 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 39 | 0 | 0 | 228 |
| **Pacific Contiguous** | **0** | **19** | **0** | **8** | **0** | **0** | **158** |
| California | 0 | 2 | 0 | 9 | 0 | 0 | 158 |
| Oregon | 0 | 668 | 0 | 28 | 0 | 0 | 0 |
| Washington | 0 | 54 | 0 | 73 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **99** | **6** | **0** | **0** | **0** | **0** | **109** |
| Alaska | 99 | 27 | 0 | 0 | 0 | 0 | 109 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **78** | **15** | **0** | **7** | **0** | **0** | **70** |

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

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

### Commercial Sector by Census Division and State, Year-to-Date through May 2024 (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** | **65** | **5** | **0** | **0** | **9** |
| Connecticut | 0 | 0 | 0 | 109 | 109 | 0 | 0 | 35 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 0 | 0 | 82 | 5 | 0 | 0 | 9 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **0** | **0** | **19** | **3** | **0** | **2** | **4** |
| New Jersey | 0 | 0 | 0 | 20 | 6 | 0 | 0 | 6 |
| New York | 0 | 0 | 0 | 70 | 2 | 0 | 3 | 7 |
| Pennsylvania | 0 | 0 | 0 | 95 | 4 | 0 | 0 | 2 |
| **East North Central** | **0** | **0** | **0** | **81** | **24** | **0** | **0** | **8** |
| Illinois | 0 | 0 | 0 | 244 | 231 | 0 | 0 | 24 |
| Indiana | 0 | 0 | 0 | 209 | 20 | 0 | 0 | 15 |
| Michigan | 0 | 0 | 0 | 294 | 15 | 0 | 0 | 15 |
| Ohio | 0 | 0 | 0 | 115 | 47 | 0 | 0 | 3 |
| Wisconsin | 0 | 0 | 0 | 143 | 52 | 0 | 0 | 23 |
| **West North Central** | **0** | **0** | **0** | **0** | **25** | **0** | **69** | **8** |
| Iowa | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 7 |
| Kansas | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 165 |
| Minnesota | 0 | 0 | 0 | 0 | 65 | 0 | 69 | 23 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 847 |
| **South Atlantic** | **0** | **0** | **0** | **23** | **3** | **0** | **0** | **5** |
| Delaware | 0 | 0 | 0 | 164 | 81 | 0 | 0 | 81 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Florida | 0 | 0 | 0 | 87 | 1 | 0 | 0 | 8 |
| Georgia | 0 | 0 | 0 | 166 | 166 | 0 | 0 | 143 |
| Maryland | 0 | 0 | 0 | 68 | 68 | 0 | 0 | 5 |
| North Carolina | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 39 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 209 | 2 | 0 | 0 | 1 |
| **East South Central** | **0** | **0** | **0** | **101** | **101** | **0** | **0** | **35** |
| Kentucky | 0 | 0 | 0 | 170 | 170 | 0 | 0 | 170 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 125 | 125 | 0 | 0 | 36 |
| **West South Central** | **0** | **0** | **0** | **6** | **13** | **0** | **0** | **26** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 8 | 16 | 0 | 0 | 27 |
| **Mountain** | **0** | **0** | **0** | **31** | **24** | **0** | **0** | **16** |
| Arizona | 0 | 0 | 0 | 61 | 61 | 0 | 0 | 11 |
| Colorado | 0 | 0 | 0 | 85 | 85 | 0 | 0 | 49 |
| Idaho | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 14 |
| Nevada | 0 | 0 | 0 | 39 | 39 | 0 | 0 | 18 |
| New Mexico | 0 | 0 | 0 | 0 | 394 | 0 | 0 | 65 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| **Pacific Contiguous** | **0** | **0** | **0** | **19** | **7** | **0** | **0** | **6** |
| California | 0 | 0 | 0 | 19 | 7 | 0 | 0 | 6 |
| Oregon | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 23 |
| Washington | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 52 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **113** | **6** | **0** | **0** | **26** |
| Alaska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| Hawaii | 0 | 0 | 0 | 113 | 8 | 0 | 0 | 4 |
| **U.S. Total** | **0** | **0** | **0** | **10** | **2** | **0** | **1** | **3** |

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

## Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **3** | **0** | **14** | **0** | **0** | **57** |
| Connecticut | 0 | 66 | 0 | 16 | 0 | 0 | 0 |
| Maine | 0 | 1 | 0 | 60 | 0 | 0 | 57 |
| Massachusetts | 0 | 143 | 0 | 25 | 0 | 0 | 0 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **7** | **0** | **6** | **36** | **0** | **19** |
| New Jersey | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| New York | 0 | 12 | 0 | 9 | 0 | 0 | 19 |
| Pennsylvania | 0 | 8 | 0 | 8 | 57 | 0 | 0 |
| **East North Central** | **10** | **46** | **0** | **7** | **14** | **0** | **44** |
| Illinois | 0 | 0 | 0 | 15 | 0 | 0 | 0 |
| Indiana | 0 | 115 | 0 | 8 | 18 | 0 | 0 |
| Michigan | 133 | 0 | 0 | 29 | 0 | 0 | 364 |
| Ohio | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| Wisconsin | 60 | 80 | 0 | 22 | 0 | 0 | 41 |
| **West North Central** | **5** | **6** | **0** | **15** | **0** | **0** | **0** |
| Iowa | 2 | 187 | 0 | 20 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Minnesota | 66 | 0 | 0 | 36 | 0 | 0 | 0 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 75 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 135 | 0 | 0 | 0 |
| **South Atlantic** | **18** | **17** | **0** | **7** | **0** | **0** | **22** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 86 | 0 | 18 | 0 | 0 | 0 |
| Georgia | 31 | 19 | 0 | 19 | 0 | 0 | 189 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 14 | 78 | 0 | 54 | 0 | 0 | 544 |
| South Carolina | 0 | 0 | 0 | 16 | 0 | 0 | 0 |
| Virginia | 0 | 20 | 0 | 12 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| **East South Central** | **0** | **170** | **0** | **11** | **0** | **0** | **0** |
| Alabama | 0 | 183 | 0 | 22 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 0 | 30 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| **West South Central** | **0** | **21** | **0** | **2** | **6** | **0** | **0** |
| Arkansas | 0 | 805 | 0 | 61 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 3 | 8 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 11 | 0 | 3 | 6 | 0 | 0 |
| **Mountain** | **35** | **0** | **0** | **6** | **6** | **0** | **0** |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 344 | 0 | 0 | 57 | 0 | 0 | 0 |
| Montana | 415 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 35 | 0 | 0 | 8 | 6 | 0 | 0 |
| **Pacific Contiguous** | **0** | **70** | **0** | **3** | **4** | **0** | **0** |
| California | 0 | 1,895 | 0 | 3 | 5 | 0 | 0 |
| Oregon | 0 | 0 | 0 | 40 | 0 | 0 | 0 |
| Washington | 0 | 70 | 0 | 7 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **0** | **3** | **0** | **0** | **0** | **0** | **135** |
| Alaska | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 135 |
| **U.S. Total** | **4** | **8** | **0** | **2** | **6** | **0** | **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.

## Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, May 2024 (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** | **104** | **14** | **0** | **0** | **10** |
| Connecticut | 0 | 0 | 0 | 173 | 173 | 0 | 0 | 16 |
| Maine | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 13 |
| Massachusetts | 0 | 0 | 0 | 84 | 84 | 0 | 0 | 24 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| **Middle Atlantic** | **0** | **0** | **0** | **64** | **14** | **0** | **0** | **6** |
| New Jersey | 0 | 0 | 0 | 125 | 125 | 0 | 0 | 9 |
| New York | 0 | 0 | 0 | 100 | 37 | 0 | 0 | 9 |
| Pennsylvania | 0 | 0 | 0 | 102 | 13 | 0 | 0 | 7 |
| **East North Central** | **0** | **0** | **0** | **0** | **9** | **0** | **0** | **5** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Indiana | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 8 |
| Michigan | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 14 |
| Ohio | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 9 |
| Wisconsin | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 16 |
| **West North Central** | **0** | **0** | **0** | **44** | **6** | **0** | **0** | **6** |
| Iowa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Kansas | 0 | 0 | 0 | 0 | 184 | 0 | 0 | 30 |
| Minnesota | 0 | 0 | 0 | 44 | 6 | 0 | 0 | 13 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| South Dakota | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 89 |
| **South Atlantic** | **0** | **0** | **0** | **86** | **4** | **0** | **1** | **3** |
| Delaware | 0 | 0 | 0 | 164 | 62 | 0 | 0 | 1 |
| Florida | 0 | 0 | 0 | 142 | 8 | 0 | 1 | 8 |
| Georgia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 |
| South Carolina | 0 | 0 | 0 | 116 | 4 | 0 | 0 | 4 |
| Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| **East South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **0** | **5** |
| Alabama | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 8 |
| Kentucky | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 16 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 10 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| **West South Central** | **0** | **0** | **0** | **79** | **6** | **0** | **6** | **2** |
| Arkansas | 0 | 0 | 0 | 142 | 11 | 0 | 0 | 13 |
| Louisiana | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 2 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 93 | 16 | 0 | 22 | 3 |
| **Mountain** | **0** | **0** | **0** | **47** | **9** | **0** | **0** | **5** |
| Arizona | 0 | 0 | 0 | 83 | 83 | 0 | 0 | 83 |
| Colorado | 0 | 0 | 0 | 84 | 75 | 0 | 0 | 9 |
| Idaho | 0 | 0 | 0 | 156 | 2 | 0 | 0 | 15 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 |
| Nevada | 0 | 0 | 0 | 77 | 77 | 0 | 0 | 4 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 167 | 167 | 0 | 0 | 4 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| **Pacific Contiguous** | **0** | **0** | **0** | **21** | **10** | **0** | **10** | **3** |
| California | 0 | 0 | 0 | 21 | 12 | 0 | 10 | 3 |
| Oregon | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 18 |
| Washington | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 8 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **25** |
| Alaska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| **U.S. Total** | **0** | **0** | **0** | **16** | **3** | **0** | **2** | **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 May 2024

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **3** | **0** | **14** | **0** | **0** | **57** |
| Connecticut | 0 | 66 | 0 | 16 | 0 | 0 | 0 |
| Maine | 0 | 1 | 0 | 60 | 0 | 0 | 57 |
| Massachusetts | 0 | 143 | 0 | 25 | 0 | 0 | 0 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| **Middle Atlantic** | **0** | **7** | **0** | **6** | **36** | **0** | **19** |
| New Jersey | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| New York | 0 | 12 | 0 | 9 | 0 | 0 | 19 |
| Pennsylvania | 0 | 8 | 0 | 8 | 57 | 0 | 0 |
| **East North Central** | **10** | **46** | **0** | **7** | **14** | **0** | **44** |
| Illinois | 0 | 0 | 0 | 15 | 0 | 0 | 0 |
| Indiana | 0 | 115 | 0 | 8 | 18 | 0 | 0 |
| Michigan | 133 | 0 | 0 | 29 | 0 | 0 | 364 |
| Ohio | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| Wisconsin | 60 | 80 | 0 | 22 | 0 | 0 | 41 |
| **West North Central** | **5** | **6** | **0** | **15** | **0** | **0** | **0** |
| Iowa | 2 | 187 | 0 | 20 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Minnesota | 66 | 0 | 0 | 36 | 0 | 0 | 0 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 75 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | 0 | 135 | 0 | 0 | 0 |
| **South Atlantic** | **18** | **17** | **0** | **7** | **0** | **0** | **22** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 86 | 0 | 18 | 0 | 0 | 0 |
| Georgia | 31 | 19 | 0 | 19 | 0 | 0 | 189 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 14 | 78 | 0 | 54 | 0 | 0 | 544 |
| South Carolina | 0 | 0 | 0 | 16 | 0 | 0 | 0 |
| Virginia | 0 | 20 | 0 | 12 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| **East South Central** | **0** | **170** | **0** | **11** | **0** | **0** | **0** |
| Alabama | 0 | 183 | 0 | 22 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 0 | 30 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| **West South Central** | **0** | **21** | **0** | **2** | **6** | **0** | **0** |
| Arkansas | 0 | 805 | 0 | 61 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 3 | 8 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 11 | 0 | 3 | 6 | 0 | 0 |
| **Mountain** | **35** | **0** | **0** | **6** | **6** | **0** | **0** |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 344 | 0 | 0 | 57 | 0 | 0 | 0 |
| Montana | 415 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 35 | 0 | 0 | 8 | 6 | 0 | 0 |
| **Pacific Contiguous** | **0** | **70** | **0** | **3** | **4** | **0** | **0** |
| California | 0 | 1,895 | 0 | 3 | 5 | 0 | 0 |
| Oregon | 0 | 0 | 0 | 40 | 0 | 0 | 0 |
| Washington | 0 | 70 | 0 | 7 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **0** | **3** | **0** | **0** | **0** | **0** | **135** |
| Alaska | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 135 |
| **U.S. Total** | **4** | **8** | **0** | **2** | **6** | **0** | **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.

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

### Industrial Sector by Census Division and State, Year-to-Date through May 2024 (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** | **104** | **14** | **0** | **0** | **10** |
| Connecticut | 0 | 0 | 0 | 173 | 173 | 0 | 0 | 16 |
| Maine | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 13 |
| Massachusetts | 0 | 0 | 0 | 84 | 84 | 0 | 0 | 24 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| **Middle Atlantic** | **0** | **0** | **0** | **64** | **14** | **0** | **0** | **6** |
| New Jersey | 0 | 0 | 0 | 125 | 125 | 0 | 0 | 9 |
| New York | 0 | 0 | 0 | 100 | 37 | 0 | 0 | 9 |
| Pennsylvania | 0 | 0 | 0 | 102 | 13 | 0 | 0 | 7 |
| **East North Central** | **0** | **0** | **0** | **0** | **9** | **0** | **0** | **5** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Indiana | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 8 |
| Michigan | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 14 |
| Ohio | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 9 |
| Wisconsin | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 16 |
| **West North Central** | **0** | **0** | **0** | **44** | **6** | **0** | **0** | **6** |
| Iowa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Kansas | 0 | 0 | 0 | 0 | 184 | 0 | 0 | 30 |
| Minnesota | 0 | 0 | 0 | 44 | 6 | 0 | 0 | 13 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| South Dakota | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 89 |
| **South Atlantic** | **0** | **0** | **0** | **86** | **4** | **0** | **1** | **3** |
| Delaware | 0 | 0 | 0 | 164 | 62 | 0 | 0 | 1 |
| Florida | 0 | 0 | 0 | 142 | 8 | 0 | 1 | 8 |
| Georgia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 |
| South Carolina | 0 | 0 | 0 | 116 | 4 | 0 | 0 | 4 |
| Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| **East South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **0** | **5** |
| Alabama | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 8 |
| Kentucky | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 16 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 10 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| **West South Central** | **0** | **0** | **0** | **79** | **6** | **0** | **6** | **2** |
| Arkansas | 0 | 0 | 0 | 142 | 11 | 0 | 0 | 13 |
| Louisiana | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 2 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 93 | 16 | 0 | 22 | 3 |
| **Mountain** | **0** | **0** | **0** | **47** | **9** | **0** | **0** | **5** |
| Arizona | 0 | 0 | 0 | 83 | 83 | 0 | 0 | 83 |
| Colorado | 0 | 0 | 0 | 84 | 75 | 0 | 0 | 9 |
| Idaho | 0 | 0 | 0 | 156 | 2 | 0 | 0 | 15 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 |
| Nevada | 0 | 0 | 0 | 77 | 77 | 0 | 0 | 4 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 167 | 167 | 0 | 0 | 4 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| **Pacific Contiguous** | **0** | **0** | **0** | **21** | **10** | **0** | **10** | **3** |
| California | 0 | 0 | 0 | 21 | 12 | 0 | 10 | 3 |
| Oregon | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 18 |
| Washington | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 8 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **25** |
| Alaska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| **U.S. Total** | **0** | **0** | **0** | **16** | **3** | **0** | **2** | **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 Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **2** | **1** | **2** | **0** | **1** |
| Connecticut | 2 | 1 | 3 | 0 | 1 |
| Maine | 3 | 1 | 1 | 0 | 1 |
| Massachusetts | 3 | 1 | 4 | 0 | 1 |
| New Hampshire | 3 | 1 | 1 | 0 | 1 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 |
| Vermont | 16 | 7 | 6 | 0 | 7 |
| **Middle Atlantic** | **1** | **1** | **1** | **0** | **1** |
| New Jersey | 2 | 0 | 1 | 0 | 1 |
| New York | 2 | 0 | 1 | 0 | 1 |
| Pennsylvania | 2 | 2 | 2 | 0 | 1 |
| **East North Central** | **2** | **1** | **1** | **0** | **1** |
| Illinois | 2 | 1 | 1 | 0 | 1 |
| Indiana | 7 | 4 | 2 | 0 | 2 |
| Michigan | 1 | 4 | 2 | 0 | 2 |
| Ohio | 3 | 1 | 1 | 0 | 1 |
| Wisconsin | 1 | 8 | 3 | 0 | 3 |
| **West North Central** | **3** | **4** | **2** | **0** | **2** |
| Iowa | 2 | 16 | 2 | 0 | 4 |
| Kansas | 15 | 7 | 6 | 0 | 6 |
| Minnesota | 1 | 10 | 3 | 0 | 4 |
| Missouri | 7 | 3 | 4 | 0 | 3 |
| Nebraska | 2 | 12 | 4 | 0 | 5 |
| North Dakota | 2 | 7 | 3 | 0 | 3 |
| South Dakota | 2 | 20 | 6 | 0 | 8 |
| **South Atlantic** | **3** | **1** | **1** | **0** | **1** |
| Delaware | 8 | 2 | 6 | 0 | 3 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 |
| Florida | 4 | 2 | 4 | 0 | 2 |
| Georgia | 10 | 4 | 3 | 0 | 4 |
| Maryland | 2 | 1 | 2 | 0 | 1 |
| North Carolina | 8 | 4 | 3 | 0 | 4 |
| South Carolina | 10 | 4 | 3 | 0 | 4 |
| Virginia | 7 | 2 | 3 | 0 | 2 |
| West Virginia | 2 | 1 | 0 | 0 | 1 |
| **East South Central** | **5** | **3** | **1** | **0** | **2** |
| Alabama | 10 | 6 | 2 | 0 | 4 |
| Kentucky | 8 | 4 | 2 | 0 | 3 |
| Mississippi | 16 | 9 | 4 | 0 | 6 |
| Tennessee | 6 | 3 | 3 | 0 | 3 |
| **West South Central** | **5** | **5** | **1** | **0** | **2** |
| Arkansas | 15 | 9 | 3 | 0 | 5 |
| Louisiana | 10 | 5 | 2 | 0 | 3 |
| Oklahoma | 12 | 5 | 3 | 0 | 4 |
| Texas | 6 | 6 | 1 | 0 | 3 |
| **Mountain** | **1** | **1** | **1** | **0** | **1** |
| Arizona | 2 | 0 | 1 | 0 | 1 |
| Colorado | 5 | 1 | 2 | 0 | 2 |
| Idaho | 1 | 10 | 2 | 0 | 3 |
| Montana | 2 | 16 | 3 | 0 | 5 |
| Nevada | 2 | 0 | 0 | 0 | 1 |
| New Mexico | 8 | 2 | 2 | 0 | 2 |
| Utah | 6 | 1 | 1 | 0 | 2 |
| Wyoming | 2 | 10 | 2 | 0 | 3 |
| **Pacific Contiguous** | **1** | **2** | **1** | **0** | **1** |
| California | 1 | 0 | 1 | 0 | 0 |
| Oregon | 1 | 9 | 4 | 0 | 3 |
| Washington | 1 | 9 | 4 | 0 | 3 |
| **Pacific Noncontiguous** | **1** | **10** | **2** | **0** | **4** |
| Alaska | 2 | 22 | 8 | 0 | 10 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **2** | **1** | **0** | **0** | **1** |

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

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

## by End-Use Sector, Census Division, and State, Year-to-Date through May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **0** | **2** | **0** | **0** |
| Connecticut | 1 | 1 | 2 | 0 | 1 |
| Maine | 1 | 1 | 1 | 0 | 1 |
| Massachusetts | 2 | 1 | 4 | 0 | 1 |
| New Hampshire | 1 | 1 | 2 | 0 | 1 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 |
| Vermont | 6 | 4 | 4 | 0 | 3 |
| **Middle Atlantic** | **1** | **0** | **1** | **0** | **0** |
| New Jersey | 1 | 0 | 1 | 0 | 0 |
| New York | 1 | 0 | 1 | 0 | 0 |
| Pennsylvania | 1 | 1 | 1 | 0 | 1 |
| **East North Central** | **1** | **1** | **1** | **0** | **0** |
| Illinois | 2 | 1 | 1 | 0 | 1 |
| Indiana | 3 | 2 | 1 | 0 | 1 |
| Michigan | 1 | 2 | 2 | 0 | 1 |
| Ohio | 1 | 1 | 1 | 0 | 1 |
| Wisconsin | 1 | 4 | 2 | 0 | 2 |
| **West North Central** | **2** | **2** | **1** | **0** | **1** |
| Iowa | 1 | 8 | 2 | 0 | 2 |
| Kansas | 9 | 6 | 4 | 0 | 4 |
| Minnesota | 1 | 5 | 3 | 0 | 2 |
| Missouri | 3 | 1 | 3 | 0 | 2 |
| Nebraska | 1 | 7 | 3 | 0 | 3 |
| North Dakota | 1 | 4 | 2 | 0 | 2 |
| South Dakota | 2 | 9 | 6 | 0 | 4 |
| **South Atlantic** | **2** | **1** | **1** | **0** | **1** |
| Delaware | 3 | 1 | 5 | 0 | 2 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 |
| Florida | 3 | 2 | 3 | 0 | 2 |
| Georgia | 6 | 3 | 2 | 0 | 3 |
| Maryland | 1 | 0 | 2 | 0 | 0 |
| North Carolina | 4 | 3 | 2 | 0 | 2 |
| South Carolina | 6 | 4 | 2 | 0 | 3 |
| Virginia | 3 | 1 | 3 | 0 | 1 |
| West Virginia | 1 | 1 | 0 | 0 | 0 |
| **East South Central** | **3** | **2** | **1** | **0** | **1** |
| Alabama | 6 | 5 | 2 | 0 | 3 |
| Kentucky | 4 | 2 | 2 | 0 | 2 |
| Mississippi | 9 | 7 | 3 | 0 | 4 |
| Tennessee | 2 | 2 | 2 | 0 | 1 |
| **West South Central** | **3** | **4** | **1** | **0** | **2** |
| Arkansas | 8 | 7 | 2 | 0 | 3 |
| Louisiana | 6 | 4 | 1 | 0 | 2 |
| Oklahoma | 7 | 4 | 2 | 0 | 3 |
| Texas | 4 | 6 | 1 | 0 | 2 |
| **Mountain** | **1** | **1** | **1** | **0** | **0** |
| Arizona | 1 | 0 | 1 | 0 | 0 |
| Colorado | 3 | 1 | 2 | 0 | 1 |
| Idaho | 1 | 5 | 2 | 0 | 2 |
| Montana | 1 | 8 | 3 | 0 | 3 |
| Nevada | 1 | 0 | 0 | 0 | 0 |
| New Mexico | 4 | 1 | 1 | 0 | 1 |
| Utah | 3 | 1 | 1 | 0 | 1 |
| Wyoming | 2 | 6 | 2 | 0 | 2 |
| **Pacific Contiguous** | **0** | **1** | **1** | **0** | **1** |
| California | 1 | 0 | 0 | 0 | 0 |
| Oregon | 1 | 4 | 4 | 0 | 2 |
| Washington | 1 | 4 | 4 | 0 | 2 |
| **Pacific Noncontiguous** | **1** | **5** | **2** | **0** | **2** |
| Alaska | 2 | 10 | 7 | 0 | 5 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **1** | **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 Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **2** | **1** | **0** | **1** |
| Connecticut | 2 | 2 | 1 | 0 | 1 |
| Maine | 2 | 1 | 0 | 0 | 1 |
| Massachusetts | 2 | 4 | 1 | 0 | 2 |
| New Hampshire | 2 | 1 | 1 | 0 | 1 |
| Rhode Island | 1 | 0 | 0 | 0 | 0 |
| Vermont | 10 | 6 | 3 | 0 | 5 |
| **Middle Atlantic** | **1** | **1** | **3** | **0** | **1** |
| New Jersey | 2 | 3 | 1 | 0 | 2 |
| New York | 1 | 0 | 0 | 0 | 0 |
| Pennsylvania | 2 | 2 | 5 | 0 | 2 |
| **East North Central** | **1** | **1** | **0** | **0** | **1** |
| Illinois | 2 | 1 | 1 | 0 | 1 |
| Indiana | 5 | 3 | 1 | 0 | 2 |
| Michigan | 0 | 1 | 1 | 0 | 1 |
| Ohio | 2 | 1 | 0 | 0 | 1 |
| Wisconsin | 1 | 3 | 1 | 0 | 1 |
| **West North Central** | **3** | **2** | **1** | **0** | **2** |
| Iowa | 2 | 7 | 2 | 0 | 2 |
| Kansas | 19 | 4 | 5 | 0 | 7 |
| Minnesota | 1 | 4 | 2 | 0 | 2 |
| Missouri | 6 | 3 | 2 | 0 | 3 |
| Nebraska | 2 | 7 | 3 | 0 | 3 |
| North Dakota | 2 | 4 | 1 | 0 | 2 |
| South Dakota | 2 | 9 | 3 | 0 | 4 |
| **South Atlantic** | **4** | **1** | **1** | **0** | **2** |
| Delaware | 6 | 15 | 4 | 0 | 8 |
| District of Columbia | 6 | 1 | 0 | 0 | 1 |
| Florida | 4 | 1 | 3 | 0 | 3 |
| Georgia | 11 | 2 | 3 | 0 | 6 |
| Maryland | 2 | 1 | 1 | 0 | 1 |
| North Carolina | 9 | 2 | 3 | 0 | 5 |
| South Carolina | 13 | 3 | 3 | 0 | 6 |
| Virginia | 8 | 1 | 3 | 0 | 3 |
| West Virginia | 2 | 1 | 0 | 0 | 1 |
| **East South Central** | **5** | **2** | **1** | **0** | **2** |
| Alabama | 12 | 3 | 2 | 0 | 5 |
| Kentucky | 7 | 4 | 1 | 0 | 3 |
| Mississippi | 19 | 4 | 4 | 0 | 9 |
| Tennessee | 5 | 3 | 2 | 0 | 3 |
| **West South Central** | **6** | **3** | **1** | **0** | **3** |
| Arkansas | 18 | 5 | 3 | 0 | 8 |
| Louisiana | 13 | 3 | 2 | 0 | 5 |
| Oklahoma | 16 | 4 | 4 | 0 | 7 |
| Texas | 6 | 4 | 1 | 0 | 3 |
| **Mountain** | **2** | **1** | **1** | **0** | **1** |
| Arizona | 2 | 1 | 2 | 0 | 1 |
| Colorado | 6 | 2 | 3 | 0 | 2 |
| Idaho | 1 | 4 | 1 | 0 | 1 |
| Montana | 2 | 6 | 2 | 0 | 2 |
| Nevada | 2 | 0 | 1 | 0 | 1 |
| New Mexico | 9 | 2 | 3 | 0 | 3 |
| Utah | 7 | 2 | 2 | 0 | 3 |
| Wyoming | 2 | 6 | 1 | 0 | 2 |
| **Pacific Contiguous** | **0** | **0** | **0** | **0** | **0** |
| California | 1 | 0 | 0 | 0 | 0 |
| Oregon | 1 | 3 | 2 | 0 | 1 |
| Washington | 1 | 3 | 2 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **3** | **1** | **0** | **1** |
| Alaska | 2 | 8 | 3 | 0 | 4 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **2** | **0** | **1** | **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.7.B. Relative Standard Error for Revenue from Sales of Electricity to Ultimate Customers

## by End-Use Sector, Census Division, and State, Year-to-Date through May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **1** | **1** | **0** | **1** |
| Connecticut | 2 | 2 | 1 | 0 | 1 |
| Maine | 2 | 1 | 0 | 0 | 1 |
| Massachusetts | 1 | 1 | 1 | 0 | 1 |
| New Hampshire | 1 | 1 | 1 | 0 | 1 |
| Rhode Island | 1 | 0 | 0 | 0 | 0 |
| Vermont | 6 | 4 | 3 | 0 | 3 |
| **Middle Atlantic** | **1** | **1** | **2** | **0** | **1** |
| New Jersey | 1 | 3 | 1 | 0 | 2 |
| New York | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 1 | 2 | 3 | 0 | 1 |
| **East North Central** | **1** | **1** | **0** | **0** | **0** |
| Illinois | 2 | 1 | 0 | 0 | 1 |
| Indiana | 3 | 2 | 1 | 0 | 2 |
| Michigan | 0 | 1 | 1 | 0 | 0 |
| Ohio | 1 | 1 | 0 | 0 | 1 |
| Wisconsin | 1 | 1 | 1 | 0 | 1 |
| **West North Central** | **2** | **1** | **1** | **0** | **1** |
| Iowa | 2 | 4 | 2 | 0 | 1 |
| Kansas | 11 | 3 | 4 | 0 | 5 |
| Minnesota | 1 | 2 | 2 | 0 | 1 |
| Missouri | 4 | 2 | 2 | 0 | 2 |
| Nebraska | 2 | 4 | 2 | 0 | 2 |
| North Dakota | 2 | 2 | 1 | 0 | 1 |
| South Dakota | 2 | 4 | 3 | 0 | 2 |
| **South Atlantic** | **3** | **1** | **1** | **0** | **1** |
| Delaware | 3 | 14 | 3 | 0 | 6 |
| District of Columbia | 5 | 1 | 0 | 0 | 1 |
| Florida | 3 | 1 | 3 | 0 | 2 |
| Georgia | 7 | 2 | 2 | 0 | 4 |
| Maryland | 1 | 1 | 1 | 0 | 1 |
| North Carolina | 5 | 2 | 2 | 0 | 3 |
| South Carolina | 8 | 2 | 2 | 0 | 4 |
| Virginia | 4 | 1 | 2 | 0 | 2 |
| West Virginia | 1 | 1 | 0 | 0 | 0 |
| **East South Central** | **3** | **1** | **1** | **0** | **2** |
| Alabama | 7 | 2 | 1 | 0 | 3 |
| Kentucky | 4 | 3 | 1 | 0 | 2 |
| Mississippi | 11 | 4 | 3 | 0 | 5 |
| Tennessee | 3 | 2 | 2 | 0 | 2 |
| **West South Central** | **4** | **3** | **1** | **0** | **2** |
| Arkansas | 9 | 4 | 2 | 0 | 5 |
| Louisiana | 8 | 2 | 1 | 0 | 3 |
| Oklahoma | 10 | 3 | 3 | 0 | 5 |
| Texas | 4 | 5 | 1 | 0 | 2 |
| **Mountain** | **1** | **0** | **1** | **0** | **0** |
| Arizona | 1 | 0 | 1 | 0 | 1 |
| Colorado | 3 | 1 | 2 | 0 | 2 |
| Idaho | 1 | 2 | 1 | 0 | 1 |
| Montana | 2 | 3 | 2 | 0 | 1 |
| Nevada | 1 | 0 | 1 | 0 | 0 |
| New Mexico | 5 | 1 | 2 | 0 | 2 |
| Utah | 4 | 1 | 1 | 0 | 2 |
| Wyoming | 2 | 3 | 1 | 0 | 1 |
| **Pacific Contiguous** | **0** | **0** | **0** | **0** | **0** |
| California | 0 | 0 | 0 | 0 | 0 |
| Oregon | 1 | 2 | 2 | 0 | 1 |
| Washington | 1 | 2 | 2 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **1** | **0** | **0** | **1** |
| Alaska | 2 | 4 | 3 | 0 | 2 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **0** | **0** | **0** | **0** |

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

## Table A.8.A. Relative Standard Error for Average Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2024

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

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

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

## by End-Use Sector, Census Division, and State, Year-to-Date through May 2024

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **1** | **1** | **0** | **1** |
| Connecticut | 2 | 2 | 2 | 0 | 1 |
| Maine | 2 | 1 | 1 | 0 | 1 |
| Massachusetts | 2 | 1 | 3 | 0 | 1 |
| New Hampshire | 2 | 1 | 1 | 0 | 1 |
| Rhode Island | 1 | 0 | 0 | 0 | 0 |
| Vermont | 7 | 4 | 4 | 0 | 4 |
| **Middle Atlantic** | **1** | **1** | **2** | **0** | **1** |
| New Jersey | 1 | 3 | 1 | 0 | 2 |
| New York | 1 | 0 | 1 | 0 | 0 |
| Pennsylvania | 1 | 2 | 3 | 0 | 1 |
| **East North Central** | **1** | **1** | **0** | **0** | **0** |
| Illinois | 2 | 1 | 1 | 0 | 1 |
| Indiana | 4 | 2 | 1 | 0 | 2 |
| Michigan | 1 | 2 | 1 | 0 | 1 |
| Ohio | 1 | 1 | 1 | 0 | 1 |
| Wisconsin | 1 | 3 | 2 | 0 | 1 |
| **West North Central** | **2** | **2** | **1** | **0** | **1** |
| Iowa | 2 | 7 | 2 | 0 | 2 |
| Kansas | 11 | 6 | 5 | 0 | 5 |
| Minnesota | 1 | 5 | 3 | 0 | 2 |
| Missouri | 4 | 2 | 3 | 0 | 2 |
| Nebraska | 2 | 6 | 3 | 0 | 2 |
| North Dakota | 2 | 3 | 2 | 0 | 2 |
| South Dakota | 2 | 8 | 6 | 0 | 3 |
| **South Atlantic** | **3** | **1** | **1** | **0** | **1** |
| Delaware | 4 | 14 | 4 | 0 | 6 |
| District of Columbia | 5 | 1 | 0 | 0 | 1 |
| Florida | 4 | 2 | 3 | 0 | 2 |
| Georgia | 8 | 3 | 3 | 0 | 4 |
| Maryland | 1 | 1 | 1 | 0 | 1 |
| North Carolina | 6 | 3 | 2 | 0 | 3 |
| South Carolina | 8 | 4 | 2 | 0 | 4 |
| Virginia | 4 | 1 | 3 | 0 | 2 |
| West Virginia | 1 | 1 | 0 | 0 | 0 |
| **East South Central** | **3** | **2** | **1** | **0** | **2** |
| Alabama | 8 | 5 | 2 | 0 | 4 |
| Kentucky | 4 | 3 | 2 | 0 | 2 |
| Mississippi | 12 | 7 | 3 | 0 | 6 |
| Tennessee | 3 | 2 | 2 | 0 | 2 |
| **West South Central** | **4** | **5** | **1** | **0** | **2** |
| Arkansas | 10 | 7 | 3 | 0 | 5 |
| Louisiana | 9 | 4 | 2 | 0 | 3 |
| Oklahoma | 10 | 4 | 3 | 0 | 5 |
| Texas | 4 | 6 | 1 | 0 | 3 |
| **Mountain** | **1** | **1** | **1** | **0** | **1** |
| Arizona | 1 | 0 | 1 | 0 | 1 |
| Colorado | 3 | 1 | 2 | 0 | 2 |
| Idaho | 1 | 4 | 2 | 0 | 1 |
| Montana | 2 | 7 | 3 | 0 | 2 |
| Nevada | 1 | 0 | 1 | 0 | 0 |
| New Mexico | 6 | 1 | 2 | 0 | 2 |
| Utah | 4 | 1 | 1 | 0 | 2 |
| Wyoming | 2 | 5 | 2 | 0 | 2 |
| **Pacific Contiguous** | **0** | **1** | **1** | **0** | **0** |
| California | 1 | 0 | 0 | 0 | 0 |
| Oregon | 1 | 4 | 4 | 0 | 2 |
| Washington | 1 | 4 | 3 | 0 | 2 |
| **Pacific Noncontiguous** | **1** | **5** | **2** | **0** | **2** |
| Alaska | 2 | 9 | 6 | 0 | 4 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **1** | **0** | **0** | **1** |

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

# Appendix B

*Suspended*

Independent Statistics and Analysis
U.S. Energy Information Administration

www.eia.gov
U.S. Department of Energy
Washington, DC 20585

## Table C.1 Average Heat Content of Fossil-Fuel Receipts, May 2024

| 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 | 20.48 | 5.83 | -- | 1.03 |
| Connecticut | -- | 5.83 | -- | 1.03 |
| Maine | 20.48 | 5.83 | -- | 1.05 |
| Massachusetts | -- | -- | -- | 1.03 |
| New Hampshire | -- | -- | -- | 1.03 |
| Rhode Island | -- | -- | -- | 1.03 |
| Vermont | -- | -- | -- | -- |
| Middle Atlantic | 17.31 | 6.06 | -- | 1.03 |
| New Jersey | -- | -- | -- | 1.04 |
| New York | -- | -- | -- | 1.03 |
| Pennsylvania | 17.31 | 6.06 | -- | 1.04 |
| East North Central | 20.33 | 5.81 | 27.80 | 1.05 |
| Illinois | 17.75 | 6.04 | -- | 1.04 |
| Indiana | 22.50 | 5.81 | -- | 1.06 |
| Michigan | 19.00 | 5.82 | 27.80 | 1.05 |
| Ohio | 25.13 | 5.77 | -- | 1.06 |
| Wisconsin | 18.71 | 5.79 | -- | 1.03 |
| West North Central | 16.20 | 5.80 | -- | 1.05 |
| Iowa | 17.93 | 5.71 | -- | 1.09 |
| Kansas | 17.75 | 5.79 | -- | 1.00 |
| Minnesota | 18.06 | 5.88 | -- | 1.10 |
| Missouri | 17.83 | 5.81 | -- | 1.02 |
| Nebraska | 17.42 | 5.75 | -- | 1.05 |
| North Dakota | 12.88 | 5.85 | -- | 1.01 |
| South Dakota | 16.49 | -- | -- | 1.10 |
| South Atlantic | 24.05 | 5.92 | 28.68 | 1.03 |
| Delaware | -- | 5.77 | -- | 1.03 |
| District of Columbia | -- | -- | -- | -- |
| Florida | 22.99 | 5.70 | 28.68 | 1.02 |
| Georgia | 19.78 | 5.95 | -- | 1.03 |
| Maryland | 26.23 | 6.01 | -- | 1.04 |
| North Carolina | 24.79 | 5.80 | -- | 1.03 |
| South Carolina | 24.53 | 5.93 | -- | 1.03 |
| Virginia | 21.38 | 5.95 | -- | 1.04 |
| West Virginia | 25.43 | 5.85 | -- | 1.07 |
| East South Central | 20.42 | 5.81 | -- | 1.03 |
| Alabama | 18.12 | -- | -- | 1.03 |
| Kentucky | 21.93 | 5.82 | -- | 1.03 |
| Mississippi | 13.13 | 5.82 | -- | 1.03 |
| Tennessee | 21.86 | 5.76 | -- | 1.01 |
| West South Central | 16.29 | 5.85 | 28.67 | 1.02 |
| Arkansas | 17.75 | 5.86 | -- | 1.02 |
| Louisiana | 17.68 | -- | 28.67 | 1.03 |
| Oklahoma | 17.47 | -- | -- | 1.02 |
| Texas | 15.87 | 5.84 | -- | 1.02 |
| Mountain | 18.79 | 5.82 | -- | 1.04 |
| Arizona | 18.28 | 5.80 | -- | 1.02 |
| Colorado | 18.95 | 5.67 | -- | 1.08 |
| Idaho | -- | -- | -- | 1.00 |
| Montana | 17.09 | 5.92 | -- | 1.05 |
| Nevada | 19.21 | 5.84 | -- | 1.04 |
| New Mexico | 18.51 | -- | -- | 1.02 |
| Utah | 21.09 | 5.80 | -- | 1.05 |
| Wyoming | 17.22 | 5.78 | -- | 1.03 |
| Pacific Contiguous | 17.99 | -- | -- | 1.03 |
| California | 21.40 | -- | -- | 1.03 |
| Oregon | -- | -- | -- | 1.05 |
| Washington | 17.03 | -- | -- | 1.10 |
| Pacific Noncontiguous | 14.76 | 6.16 | -- | 1.00 |
| Alaska | 14.76 | 5.60 | -- | 1.00 |
| Hawaii | -- | 6.16 | -- | -- |
| U.S. Total | 19.23 | 6.07 | 28.04 | 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, 2020 through 2022

| | Mean Absolute Value of Percent Change Total (All Sectors) | | |
|---|---|---|---|
| **Item** | **2020** | **2021** | **2022** |
| Net Generation | | | |
| Coal | 0.12% | 0.17% | 0.32% |
| Petroleum Liquids | 2.67% | 5.42% | 4.20% |
| Petroleum Coke | 3.61% | 2.93% | 5.15% |
| Natural Gas | 1.23% | 0.28% | 0.42% |
| Other Gases | 6.01% | 2.35% | 3.63% |
| Hydroelectric | 3.35% | 3.89% | 3.74% |
| Nuclear | 0.01% | 0.22% | 0.00% |
| Other | 1.12% | 0.89% | 0.83% |
| **Total** | **0.46%** | **0.33%** | **0.37%** |
| Consumption of Fossil Fuels for Electricity Generation | | | |
| Coal | 0.23% | 0.17% | 0.62% |
| Petroleum Liquids | 2.39% | 8.15% | 4.38% |
| Petroleum Coke | 8.51% | 5.23% | 6.99% |
| Natural Gas | 1.19% | 0.71% | 0.47% |
| Fuel Stocks for Electric Power Sector | | | |
| Coal | 0.56% | 2.40% | 0.58% |
| Petroleum Liquids | 1.88% | 5.16% | 1.23% |
| Petroleum Coke | 2.13% | 0.48% | 1.32% |
| Sales of Electricity to Ultimate Customers | | | |
| Residential | 0.19% | 0.40% | 0.83% |
| Commercial | 0.92% | 0.29% | 1.30% |
| Industrial | 4.30% | 1.39% | 1.28% |
| Transportation | 1.17% | 0.92% | 0.14% |
| **Total** | **1.49%** | **0.31%** | **0.47%** |
| Revenue | | | |
| Residential | 0.13% | 0.88% | 1.37% |
| Commercial | 0.38% | 0.23% | 0.29% |
| Industrial | 4.43% | 0.36% | 0.54% |
| Transportation | 0.90% | 1.00% | 0.91% |
| **Total** | **0.77%** | **0.46%** | **0.64%** |
| Average Price of Electricity to Ultimate Customers | | | |
| Residential | 0.30% | 0.47% | 0.55% |
| Commercial | 0.55% | 0.50% | 1.10% |
| Industrial | 0.19% | 1.17% | 1.65% |
| Transportation | 0.47% | 0.61% | 0.85% |
| **Total** | **0.70%** | **0.77%** | **1.11%** |
| Receipt of Fossil Fuels | | | |
| Coal | 1.01% | 1.20% | 1.24% |
| Petroleum Liquids | 5.52% | 15.02% | 11.38% |
| Petroleum Coke | 0.00% | 0.00% | 0.00% |
| Natural Gas | 8.15% | 8.13% | 7.88% |
| Cost of Fossil Fuels | | | |
| Coal | 0.26% | 0.21% | 0.29% |
| Petroleum Liquids | 1.32% | 1.81% | 0.50% |
| Petroleum Coke | 0.00% | 0.00% | 0.00% |
| Natural Gas | 0.38% | 3.38% | 0.35% |

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, 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, 2020 through 2022

| Item | 2020 | | | 2021 | | | 2022 | | |
|---|---|---|---|---|---|---|---|---|---|
| | 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 | 773,805 | 773,393 | -0.05% | 898,679 | 897,999 | -0.08% | 828,993 | 831,512 | 0.30% |
| Petroleum Liquids | 9,877 | 9,662 | -2.18% | 11,315 | 11,663 | 3.07% | 16,274 | 15,805 | -2.88% |
| Petroleum Coke | 7,618 | 7,679 | 0.80% | 7,467 | 7,511 | 0.58% | 7,109 | 7,126 | 0.24% |
| Natural Gas | 1,616,748 | 1,626,790 | 0.62% | 1,575,230 | 1,579,190 | 0.25% | 1,689,465 | 1,687,067 | -0.14% |
| Other Gases | 11,182 | 11,818 | 5.69% | 11,283 | 11,397 | 1.01% | 11,884 | 11,722 | -1.36% |
| Hydroelectric | 285,790 | 279,953 | -2.04% | 255,113 | 246,473 | -3.39% | 255,966 | 248,761 | -2.81% |
| Nuclear | 789,919 | 789,879 | -0.01% | 778,152 | 779,645 | 0.19% | 771,537 | 771,537 | 0.00% |
| Other | 514,146 | 510,593 | -0.69% | 578,302 | 575,822 | -0.43% | 661,908 | 657,142 | -0.72% |
| **Total** | **4,009,085** | **4,009,767** | **0.02%** | **4,115,540** | **4,109,699** | **-0.14%** | **4,243,136** | **4,230,672** | **-0.29%** |
| Consumption of Fossil Fuels for Electricity Generation | | | | | | | | | |
| Coal (1,000 tons) | 436,076 | 435,351 | -0.17% | 500,592 | 500,367 | -0.04% | 468,779 | 471,576 | 0.60% |
| Petroleum Liquids (1,000 barrels) | 18,191 | 18,008 | -1.00% | 20,676 | 21,633 | 4.63% | 29,207 | 28,760 | -1.53% |
| Petroleum Coke (1,000 tons) | 2,866 | 3,077 | 7.35% | 2,940 | 3,070 | 4.41% | 2,887 | 2,985 | 3.40% |
| Natural Gas (1,000 Mcf) | 11,887,895 | 11,928,104 | 0.34% | 11,550,818 | 11,502,569 | -0.42% | 12,384,883 | 12,384,098 | -0.01% |
| Fuel Stocks for Electric Power Sector | | | | | | | | | |
| Coal (1,000 tons) | 132,723 | 131,431 | -0.97% | 94,654 | 91,884 | -2.93% | 89,963 | 88,861 | -1.23% |
| Petroleum Liquids (1,000 barrels) | 25,547 | 26,063 | 2.02% | 23,446 | 26,002 | 10.90% | 21,650 | 22,812 | 5.36% |
| Petroleum Coke (1,000 tons) | 298 | 298 | -0.10% | 302 | 302 | 0.00% | 304 | 318 | 4.84% |
| Retail Sales (Million kWh) | | | | | | | | | |
| Residential | 1,461,958 | 1,464,605 | 0.18% | 1,476,569 | 1,470,487 | -0.41% | 1,521,886 | 1,509,233 | -0.83% |
| Commercial | 1,275,718 | 1,287,440 | 0.92% | 1,324,782 | 1,328,439 | 0.28% | 1,373,031 | 1,390,873 | 1.30% |
| Industrial | 919,533 | 959,082 | 4.30% | 986,797 | 1,000,613 | 1.40% | 1,007,533 | 1,020,464 | 1.28% |
| Transportation | 6,532 | 6,548 | 0.24% | 6,392 | 6,334 | -0.90% | 6,602 | 6,599 | -0.05% |
| **Total** | **3,663,741** | **3,717,674** | **1.47%** | **3,794,539** | **3,805,874** | **0.30%** | **3,909,053** | **3,927,169** | **0.46%** |
| Revenue (Million Dollars) | | | | | | | | | |
| Residential | 192,934 | 192,663 | -0.14% | 202,632 | 200,834 | -0.89% | 230,174 | 226,990 | -1.38% |
| Commercial | 135,860 | 136,372 | 0.38% | 149,328 | 149,008 | -0.21% | 172,257 | 172,600 | 0.20% |
| Industrial | 61,246 | 63,956 | 4.42% | 71,682 | 71,835 | 0.21% | 85,171 | 84,895 | -0.32% |
| Transportation | 646 | 648 | 0.30% | 653 | 646 | -0.98% | 770 | 765 | -0.61% |
| **Total** | **390,686** | **393,639** | **0.76%** | **424,295** | **422,323** | **-0.46%** | **488,371** | **485,249** | **-0.64%** |
| Average Retail Price (Cents/kWh) | | | | | | | | | |
| Residential | 13.20 | 13.15 | -0.32% | 13.72 | 13.66 | -0.48% | 15.12 | 15.04 | -0.56% |
| Commercial | 10.65 | 10.59 | -0.54% | 11.27 | 11.22 | -0.49% | 12.55 | 12.41 | -1.09% |
| Industrial | 6.66 | 6.67 | 0.12% | 7.26 | 7.18 | -1.17% | 8.45 | 8.32 | -1.59% |
| Transportation | 9.90 | 9.90 | 0.06% | 10.21 | 10.20 | -0.09% | 11.66 | 11.59 | -0.56% |
| **Total** | **10.66** | **10.59** | **-0.71%** | **11.18** | **11.10** | **-0.76%** | **12.49** | **12.36** | **-1.10%** |
| Receipt of Fossil Fuels | | | | | | | | | |
| Coal (1,000 tons) | 435,213 | 439,636 | 1.02% | 456,033 | 461,477 | 1.19% | 463,950 | 469,718 | 1.24% |
| Petroleum Liquids (1,000 barrels) | 12,178 | 12,864 | 5.63% | 14,198 | 16,302 | 14.82% | 17,206 | 19,362 | 12.53% |
| Petroleum Coke (1,000 tons) | 2,396 | 2,396 | 0.00% | 2,296 | 2,296 | 0.00% | 2,286 | 2,286 | 0.00% |
| Natural Gas (1,000 Mcf) | 11,067,675 | 11,981,552 | 8.26% | 10,688,997 | 11,578,254 | 8.32% | 11,497,833 | 12,436,074 | 8.16% |
| Cost of Fossil Fuels (Dollars per Million Btu) | | | | | | | | | |
| Coal (1,000 tons) | 1.92 | 1.92 | -0.24% | 1.98 | 1.98 | -0.26% | 2.37 | 2.36 | -0.32% |
| Petroleum Liquids (1,000 barrels) | 9.63 | 9.76 | 1.29% | 14.50 | 14.71 | 1.42% | 23.67 | 23.60 | -0.32% |
| Petroleum Coke (1,000 tons) | 1.70 | 1.70 | 0.00% | 3.16 | 3.16 | 0.00% | 4.35 | 4.35 | 0.00% |
| Natural Gas (1,000 Mcf) | 2.39 | 2.40 | 0.21% | 4.97 | 5.19 | 4.49% | 7.23 | 7.22 | -0.05% |

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, 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 2022 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

## Table D.1. U.S. Estimated Consumption of Electricity by Light-Duty Electric Vehicles Types, 2018 - May 2024
## (Megawatthours)

| Period | Plug-in Hybrid Electric Vehicle (PHEV) | Battery Electric Vehicle (BEV) | Total |
|---|---|---|---|
| **Annual Totals** | | | |
| 2018 | 756,806 | 824,899 | 1,581,706 |
| 2019 | 884,161 | 1,175,714 | 2,059,875 |
| 2020 | 1,073,251 | 1,827,049 | 2,900,300 |
| 2021 | 1,242,674 | 2,276,123 | 3,518,797 |
| 2022 | 1,657,375 | 3,594,407 | 5,251,782 |
| 2023 | 2,151,105 | 5,444,408 | 7,595,513 |
| **Year 2022** | | | |
| January | 128,043 | 248,829 | 376,872 |
| February | 123,155 | 243,185 | 366,340 |
| March | 135,213 | 273,811 | 409,024 |
| April | 124,489 | 256,923 | 381,412 |
| May | 132,358 | 279,488 | 411,846 |
| June | 132,775 | 284,487 | 417,261 |
| July | 139,085 | 305,261 | 444,346 |
| August | 140,042 | 312,622 | 452,664 |
| September | 138,348 | 314,167 | 452,515 |
| October | 146,552 | 336,361 | 482,914 |
| November | 150,100 | 347,848 | 497,948 |
| December | 167,214 | 391,425 | 558,639 |
| **Year 2023** | | | |
| January | 157,950 | 369,161 | 527,111 |
| February | 152,391 | 359,976 | 512,368 |
| March | 172,664 | 419,305 | 591,969 |
| April | 158,189 | 388,018 | 546,207 |
| May | 171,848 | 430,398 | 602,246 |
| June | 174,860 | 445,804 | 620,664 |
| July | 184,333 | 477,799 | 662,132 |
| August | 188,174 | 489,342 | 677,516 |
| September | 182,894 | 478,333 | 661,227 |
| October | 195,264 | 508,795 | 704,059 |
| November | 196,712 | 516,825 | 713,537 |
| December | 215,826 | 560,652 | 776,478 |
| **Year 2024** | | | |
| January | 232,464 | 598,683 | 831,147 |
| February | 210,176 | 546,217 | 756,393 |
| March | 235,836 | 617,236 | 853,072 |
| April | 221,869 | 586,459 | 808,329 |
| May | 239,403 | 636,802 | 876,205 |
| **Year to Date** | | | |
| 2022 | 643,259 | 1,302,236 | 1,945,495 |
| 2023 | 813,042 | 1,966,858 | 2,779,900 |
| 2024 | 1,139,749 | 2,985,397 | 4,125,146 |

Notes:
Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.
Plug-in hybrid electric vehicle (PHEV) is a vehicle that can both (1) plug into an electric power source and store power in a battery pack and (2) use petroleum-based or other liquid- or gas-based fuel to power an Internal combustion engine (ICE).
Battery electric vehicle (BEV) is an all-electric vehicle that receives power by plugging into an electric power source and storing the power in a battery pack. BEVs do not use any petroleum-based or other liquid- or gas-based fuel during operation.
Note: Values for 2022 and prior are final. Values for 2023 and 2024 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption,.
it does not include any gasoline consumption.
Totals may not equal sum of components due to independent rounding.
Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances. See full data disclaimer and technical notes.
Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency,.
National Oceanic and Atmospheric Administration, U.S. Department of Transportation, S&P Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.

## Table D.2. Estimated State and Regional Consumption of Electricity by Light-Duty Electric Vehicles, Year-to-Date through May 2024 and 2023 (Megawatthours)

| Census Division and State | Monthly | | Year to Date | |
|---|---|---|---|---|
| | May 2024 | May 2023 | May 2024 | May 2023 |
| **New England** | **39,983** | **27,674** | **202,624** | **133,942** |
| Connecticut | 8,745 | 6,050 | 45,181 | 29,011 |
| Maine | 2,667 | 1,897 | 13,237 | 9,085 |
| Massachusetts | 21,314 | 14,713 | 106,330 | 71,138 |
| New Hampshire | 2,841 | 2,086 | 14,386 | 10,106 |
| Rhode Island | 1,939 | 1,410 | 9,516 | 6,426 |
| Vermont | 2,477 | 1,519 | 13,975 | 8,176 |
| **Middle Atlantic** | **93,819** | **60,786** | **459,384** | **281,166** |
| New Jersey | 30,790 | 20,527 | 147,908 | 92,475 |
| New York | 43,553 | 26,754 | 219,170 | 127,172 |
| Pennsylvania | 19,476 | 13,506 | 92,306 | 61,518 |
| **East North Central** | **71,434** | **48,959** | **359,330** | **239,698** |
| Illinois | 26,010 | 16,937 | 135,047 | 85,876 |
| Indiana | 8,645 | 4,863 | 42,540 | 23,510 |
| Michigan | 15,414 | 12,234 | 74,746 | 58,138 |
| Ohio | 14,753 | 10,114 | 74,068 | 48,998 |
| Wisconsin | 6,612 | 4,811 | 32,929 | 23,175 |
| **West North Central** | **27,377** | **18,410** | **136,288** | **93,267** |
| Iowa | 2,845 | 2,041 | 14,411 | 10,524 |
| Kansas | 3,095 | 2,134 | 15,212 | 10,613 |
| Minnesota | 10,882 | 7,101 | 54,046 | 36,614 |
| Missouri | 7,419 | 5,107 | 36,549 | 24,621 |
| Nebraska | 2,174 | 1,384 | 11,391 | 7,350 |
| North Dakota | 341 | 240 | 1,762 | 1,384 |
| South Dakota | 621 | 402 | 2,918 | 2,160 |
| **South Atlantic** | **146,689** | **92,942** | **687,917** | **426,148** |
| Delaware | 2,046 | 1,480 | 10,103 | 7,050 |
| District of Columbia | 2,104 | 1,430 | 11,788 | 8,155 |
| Florida | 62,335 | 36,854 | 280,120 | 165,242 |
| Georgia | 19,886 | 13,248 | 93,587 | 59,840 |
| Maryland | 18,363 | 11,796 | 90,868 | 55,370 |
| North Carolina | 17,572 | 11,221 | 83,159 | 51,140 |
| South Carolina | 4,664 | 3,397 | 22,609 | 16,183 |
| Virginia | 18,954 | 12,913 | 92,095 | 60,406 |
| West Virginia | 765 | 603 | 3,589 | 2,761 |
| **East South Central** | **15,806** | **10,738** | **76,722** | **51,293** |
| Alabama | 3,372 | 2,355 | 15,803 | 10,722 |
| Kentucky | 2,968 | 2,191 | 14,725 | 10,572 |
| Mississippi | 1,260 | 732 | 5,740 | 3,278 |
| Tennessee | 8,207 | 5,459 | 40,454 | 26,722 |
| **West South Central** | **65,602** | **39,000** | **315,503** | **182,524** |
| Arkansas | 1,545 | 1,022 | 7,276 | 4,786 |
| Louisiana | 2,373 | 1,453 | 10,905 | 6,647 |
| Oklahoma | 17,227 | 4,763 | 87,153 | 23,648 |
| Texas | 44,457 | 31,762 | 210,170 | 147,443 |
| **Mountain** | **73,881** | **48,143** | **363,028** | **246,158** |
| Arizona | 23,029 | 15,501 | 107,936 | 72,913 |
| Colorado | 25,045 | 14,868 | 127,817 | 80,860 |
| Idaho | 2,584 | 1,732 | 12,313 | 8,774 |
| Montana | 1,687 | 1,024 | 8,693 | 5,743 |
| Nevada | 9,468 | 6,576 | 45,948 | 32,771 |
| New Mexico | 2,652 | 2,008 | 12,526 | 9,630 |
| Utah | 9,079 | 6,158 | 46,193 | 34,064 |
| Wyoming | 337 | 276 | 1,601 | 1,403 |
| **Pacific Contiguous** | **336,375** | **251,285** | **1,498,112** | **1,104,509** |
| California | 286,465 | 214,985 | 1,275,492 | 938,109 |
| Oregon | 15,619 | 11,508 | 72,761 | 55,695 |
| Washington | 34,292 | 24,792 | 149,859 | 110,704 |
| **Pacific Noncontiguous** | **5,240** | **4,310** | **26,238** | **21,195** |
| Alaska | 693 | 548 | 3,565 | 2,773 |
| Hawaii | 4,547 | 3,762 | 22,673 | 18,422 |
| **U.S. Total** | **876,205** | **602,246** | **4,125,146** | **2,779,900** |

Notes:
Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.
Plug-in hybrid electric vehicle (PHEV) is a vehicle that can both (1) plug into an electric power source and store power in a battery pack and (2) use petroleum-based or other liquid- or gas-based fuel to power an Internal combustion engine (ICE).
Battery electric vehicle (BEV) is an all-electric vehicle that receives power by plugging into an electric power source and storing the power in a battery pack. BEVs do not use any petroleum-based or other liquid- or gas-based fuel during operation.
Note: Values for 2022 and prior are final. Values for 2023 and 2024 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption, it does not include any gasoline consumption.
Totals may not equal sum of components due to independent rounding.
Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances.
See full data disclaimer and technical notes.
Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration, U.S. Department of Transportation, 'S&P' Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.

## Table D.3. Estimated State and Regional Consumption of Electricity from Light-Duty Vehicles, Annual (Megawatthours)

| Census Division and State | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|
| **New England** | **62,275** | **87,619** | **124,522** | **156,907** | **247,568** | **356,732** |
| Connecticut | 15,563 | 20,941 | 28,468 | 35,242 | 55,516 | 78,735 |
| Maine | 3,786 | 5,206 | 7,661 | 10,355 | 17,022 | 24,418 |
| Massachusetts | 31,226 | 45,385 | 66,194 | 83,038 | 129,174 | 188,058 |
| New Hampshire | 4,445 | 6,329 | 8,975 | 11,380 | 18,537 | 26,624 |
| Rhode Island | 2,607 | 3,617 | 5,027 | 6,828 | 11,415 | 17,479 |
| Vermont | 4,648 | 6,141 | 8,198 | 10,063 | 15,903 | 21,418 |
| **Middle Atlantic** | **119,930** | **172,717** | **240,008** | **305,618** | **511,312** | **766,430** |
| New Jersey | 33,718 | 49,392 | 73,052 | 95,579 | 167,728 | 260,453 |
| New York | 58,910 | 85,905 | 114,569 | 142,969 | 230,830 | 337,367 |
| Pennsylvania | 27,302 | 37,421 | 52,387 | 67,071 | 112,754 | 168,609 |
| **East North Central** | **130,271** | **162,974** | **221,420** | **272,690** | **443,486** | **623,240** |
| Illinois | 42,290 | 55,586 | 78,963 | 95,944 | 155,476 | 223,923 |
| Indiana | 12,856 | 16,430 | 22,944 | 28,899 | 46,143 | 63,787 |
| Michigan | 33,812 | 37,680 | 47,696 | 59,039 | 103,090 | 149,546 |
| Ohio | 25,426 | 33,822 | 47,269 | 59,898 | 93,594 | 125,018 |
| Wisconsin | 15,888 | 19,456 | 24,547 | 28,909 | 45,183 | 60,966 |
| **West North Central** | **45,346** | **62,614** | **86,650** | **109,121** | **178,067** | **251,580** |
| Iowa | 5,495 | 7,210 | 10,043 | 12,599 | 20,359 | 27,145 |
| Kansas | 5,685 | 7,468 | 10,578 | 13,163 | 20,551 | 28,083 |
| Minnesota | 16,902 | 24,600 | 33,074 | 42,451 | 68,282 | 94,821 |
| Missouri | 12,425 | 16,757 | 23,768 | 29,129 | 48,607 | 72,863 |
| Nebraska | 3,306 | 4,463 | 6,353 | 8,170 | 13,922 | 19,616 |
| North Dakota | 576 | 815 | 1,060 | 1,333 | 2,410 | 3,465 |
| South Dakota | 957 | 1,302 | 1,774 | 2,277 | 3,936 | 5,588 |
| **South Atlantic** | **182,531** | **241,810** | **363,587** | **483,500** | **781,219** | **1,174,938** |
| Delaware | 2,825 | 3,881 | 5,765 | 7,815 | 12,472 | 17,711 |
| District of Columbia | 3,015 | 4,355 | 6,863 | 9,203 | 14,359 | 19,461 |
| Florida | 61,910 | 83,061 | 132,187 | 180,482 | 300,409 | 458,767 |
| Georgia | 37,063 | 43,959 | 57,870 | 70,714 | 109,140 | 162,878 |
| Maryland | 25,261 | 34,437 | 52,157 | 69,024 | 105,830 | 153,162 |
| North Carolina | 21,435 | 28,804 | 44,077 | 58,614 | 96,155 | 144,639 |
| South Carolina | 6,319 | 7,954 | 11,979 | 16,722 | 28,214 | 43,502 |
| Virginia | 23,453 | 33,766 | 50,335 | 67,835 | 109,677 | 167,437 |
| West Virginia | 1,250 | 1,593 | 2,354 | 3,091 | 4,962 | 7,381 |
| **East South Central** | **22,830** | **29,805** | **44,832** | **57,719** | **96,019** | **137,687** |
| Alabama | 4,801 | 6,321 | 9,167 | 11,645 | 19,921 | 29,269 |
| Kentucky | 4,997 | 6,292 | 9,538 | 11,972 | 19,950 | 28,204 |
| Mississippi | 1,273 | 1,675 | 2,432 | 3,540 | 6,124 | 9,130 |
| Tennessee | 11,760 | 15,517 | 23,695 | 30,562 | 50,024 | 71,084 |
| **West South Central** | **74,670** | **94,763** | **140,531** | **189,618** | **331,944** | **521,609** |
| Arkansas | 2,006 | 2,810 | 3,476 | 5,313 | 9,387 | 12,882 |
| Louisiana | 2,769 | 3,839 | 5,109 | 7,131 | 12,344 | 18,642 |
| Oklahoma | 6,381 | 9,186 | 10,884 | 20,903 | 41,919 | 73,058 |
| Texas | 63,514 | 78,929 | 121,063 | 156,271 | 268,294 | 417,027 |
| **Mountain** | **106,703** | **150,481** | **223,479** | **282,179** | **446,133** | **668,065** |
| Arizona | 34,678 | 48,110 | 73,474 | 92,775 | 136,374 | 201,106 |
| Colorado | 33,339 | 50,374 | 72,552 | 89,198 | 140,759 | 214,932 |
| Idaho | 3,769 | 4,734 | 7,098 | 9,212 | 16,087 | 22,991 |
| Montana | 1,895 | 2,570 | 3,543 | 5,098 | 9,656 | 14,764 |
| Nevada | 13,136 | 17,726 | 27,848 | 37,331 | 62,519 | 96,444 |
| New Mexico | 4,066 | 5,396 | 7,858 | 10,263 | 16,709 | 25,100 |
| Utah | 15,215 | 20,757 | 29,963 | 36,719 | 61,396 | 89,080 |
| Wyoming | 606 | 814 | 1,143 | 1,583 | 2,634 | 3,647 |
| **Pacific Contiguous** | **821,296** | **1,037,850** | **1,427,814** | **1,629,783** | **2,173,282** | **3,038,984** |
| California | 713,974 | 901,134 | 1,232,482 | 1,403,840 | 1,846,171 | 2,577,982 |
| Oregon | 34,450 | 43,421 | 62,702 | 76,083 | 110,881 | 152,279 |
| Washington | 72,872 | 93,295 | 132,630 | 149,860 | 216,230 | 308,724 |
| **Pacific Noncontiguous** | **15,854** | **19,241** | **27,457** | **31,662** | **42,751** | **56,248** |
| Alaska | 1,635 | 1,815 | 2,882 | 3,473 | 5,035 | 6,921 |
| Hawaii | 14,219 | 17,426 | 24,575 | 28,189 | 37,717 | 49,328 |
| **U.S. Total** | **1,581,706** | **2,059,875** | **2,900,300** | **3,518,797** | **5,251,782** | **7,595,513** |

Notes:
Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.
Electric vehicle (EV) is a general term for any on-road licensed vehicle that can plug into an electric power source and uses electric power to move. EVs plug into a source of electricity and store power in a battery pack for all or part of their power needs. Includes Battery electric vehicles (BEVs) and Plug-in Hybrid Vehicles (PHEVs).
Note: Values for 2022 and prior are final. Values for 2023 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption, it does not include any gasoline consumption.
Totals may not equal sum of components due to independent rounding.
Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances. See full data disclaimer and technical notes.
Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration, U.S. Department of Transportation, S and P Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.

# Appendix D. Electric Vehicle Consumption

Independent Statistics and Analysis
U.S. Energy Information Administration

www.eia.gov
U.S. Department of Energy
Washington, DC 20585

# Disclaimer

This appendix presents EIA's most recent experimental estimates for EV electricity consumption and provides an overview of the methodology used to construct them in the technical notes. These estimates are based on models and are subject to model error. We advise data users to exercise caution when incorporating these data in their analyses. EIA is releasing these estimates to solicit comments on the potential uses of the data, the methodology, and possible enhancements that would be most valuable. EIA plans to regularly reassess whether methodological improvements need to be made, based on this feedback and internal evaluations, before adopting the new estimates as official statistics assured to meet the same high data quality standards applied to EIA's traditional statistical products. Comments may be directed to InfoElectric@eia.gov.

# Methodology

The model estimates monthly light-duty electric vehicle (EV)[1] consumption of electricity for each state based on the number of EVs, average number of miles driven on electricity, and EV fuel economy. Adjustments are made based on data availability from various input sources, to bring lagged data up to the current reporting period, and to adjust national and regional data down to state-level estimates.

The modeling methodology is hierarchical and is composed of a top-level model having components that are estimated using sub-models, which are described in the subsequent sections of this report. The top-level model is based on the average electricity consumed by nameplate (vehicle make and model) and model year in a state and month multiplied by the number of EVs for a particular nameplate and model year in that state and month. Lower-level sub-models estimate the number of EVs based on EV registrations and sales data and the average monthly EV consumption of electricity by EV nameplate and model year based on average estimated monthly vehicle miles traveled on electricity, a utility factor, EV fuel economy, and a weather correction factor.

The top-level model is defined as follows:

$$kWh_{s,m} = \sum_{np=1}^{NP} \sum_{my=1}^{MY} \left( EV\ stocks_{s,m,np,my} * EV\ kWh_{s,m,np,my} \right)$$

where:

$kWh_{s,m}$ is the total consumption in kilowatt-hours (kWh) by EVs in state $s$ and month $m$

$EV\ stocks_{s,m,np,my}$ is the number of on-road EVs in state $s$ and month $m$ for EV nameplate $np$ and model year $my$

$EV\ kWh_{s,m,np,my}$ is the average electricity consumed in kWh by EV nameplate $np$ from model year $my$ in state $s$ and month $m$

$MY$ is the number of model years for each EV nameplate $np$

$NP$ is the number of nameplates for light-duty EVs listed on fueleconomy.gov

[1] Light-duty battery electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV) are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.

## Vehicle stocks

This sub-model estimates the number of EVs in the top-level model using monthly EV registration and sales data for each state. Registrations rather than cumulative sales are preferred because they account for scrappage and represent the stock of licensed vehicles. Because monthly registration data by state, nameplate, and model year are not available for recent months, estimated monthly sales values by state, nameplate, and model year are cumulatively added to the most recently available end-of-year registration data to create monthly registration estimates for each state, nameplate, and model year.

Specifically, this sub-model is defined as follows:

$$EV\ stocks_{s,m,np,my} = EV\ registrations_{s,m_0,np,my} + \sum_{m_t=m_0+1}^{m} (EV\ sales_{m_t,np,my} * sales\ state\ allocation_{s,m_l})$$

where:

$EV\ registrations_{s,m_0,np,my}$ is the number of registered EVs by state $s$, EV nameplate $np$, and model year $my$ by the end of the month $m_0$ (December of the latest available historical year for state registration data)

$EV\ sales_{m_t,np,my}$ is the national-level EV sales in month $m_t$ for EV nameplate $np$ and model year $my$

$sales\ state\ allocation_{s,m_l}$ is the share of total new EV registrations in state $s$ in the most recently available new EV registration data month $m_l$

Sales state allocation shares are calculated as follows:

$$sales\ state\ allocation_{s,m_l} = \frac{new\ EV\ registrations_{s,m_l}}{\sum_{s=1}^{S} new\ EV\ registrations_{s,m_l}}$$

where:

$new\ EV\ registrations_{s,m_l}$ is the number of new EVs registered by state $s$ in the most recently available new EV registration data month $m_l$

$S$ is all fifty U.S. states and the District of Columbia

In more recent months where sales data must be used, monthly EV scrappage and EVs moving between states are not considered in the model.

## EV electricity consumed

This sub-model estimates the average electricity consumed by nameplate (vehicle make and model) and model year in a state and month, which is used in the top-level model. It uses the average EV miles travel multiplied by the vehicle's fuel economy and a weather correction. The weather correction is applied because both cold and hot temperatures significantly decrease battery efficiency, increasing electricity consumption per mile traveled.

Specifically, this sub-model is defined as follows:

$$eV\ kWh_{s,m,np,my} = \sum_{d=1}^{D_m} (weather\ correction_{s,d} * kWh\_per\_mile_{np,my} * avg.eVMT_{s,m,np,my}/D_m)$$

where:

$weather\ correction_{s,d}$ is the vehicle fuel economy correction for state $s$ on day $d$ based on the average daily high and low temperatures recorded at a state representative airport and the effect that average temperature has on the EV range due to decrease in battery efficiency calculated by Geotab

$kWh\_per\_mile_{np,my}$ is the combined city and highway vehicle fuel economy that is estimated by the U.S. Environmental Protection Agency (EPA) for EV nameplate $np$ and model year $my$

$avg.eVMT_{s,m,np,my}$ is the average vehicle miles traveled on electricity in state $s$ during month $m$ for EV nameplate $np$ and model year $my$, which is estimated using the sub-model described in the next section

$D_m$ is the total days in month $m$

## Electric vehicle miles traveled

This sub-model of the EV electricity consumed sub-model estimates the average EV miles traveled on electricity in each state for each month by EV nameplate and model year. Data for EV miles traveled are only available at the census division level and for certain powertrains. To account for these issues, the model uses census-division-level EV travel data assigned to component states for the five powertrain categories, EV100, EV200, EV300, PHEV20, and PHEV50, as used in the EIA National Energy Modeling System (NEMS) Transportation Sector Demand Module[2]. Because data for EV miles traveled are only available on an annual basis, and with a lag, monthly EV miles traveled by state are based on the year-over-year change in total state-level vehicle miles traveled. The EPA combined city and highway utility factor is also applied to include only the portion of travel that uses electricity.

Specifically, this sub-model is defined as follows:

$$avg.eVMT_{s,m,np,my} = adjusted\ avg.VMT_{s,m_r,np,my} * current\ month\ adjustment_{s,m} * utility\ factor_{np,my}$$

with $m_r$ being the same calendar month as $m$ but in the most recent EV odometer data year

where:

$adjusted\ avg.VMT_{s,m_r,np,ny}$ is the adjusted average EV miles traveled in state $s$ in month $m_r$ of the reference year for which the latest odometer data are available for EV nameplate $np$ and model year $my$

$current\ month\ adjustment_{s,m}$ is a temporal adjustment for state $s$ to the adjusted average VMT from month $m_r$ of the most recent EV odometer data year to the current month $m$

$utility\ factor_{np,my}$ is the portion of EV miles traveled that uses electricity only for EV nameplate $np$ and model year $my$; the utility factor equals 1 for BEV and is less than 1 for PHEVs

[2] U.S. Energy Information Administration (July 2022), Transportation Sector Demand Module of the National Energy Modeling System: Model Documentation, pg. 136-137.

Since EV odometer data are only produced annually at the census-division level and can lag by more than one year, the data needs to be adjusted to monthly values for individual states to create monthly estimates. The following adjustment converts the yearly data to an average monthly value in that same reference year and converts it from a census-division-level value to a state-level value. Since EV odometer data are only available by powertrain categories, the model uses these categories to represent their underlying EV nameplates and model years.

$$adjusted\ avg.VMT_{s,m_r,np,my} = avg.VMT_{cd,y_r,pt} * \left( \frac{all\ VMT_{s,m_r}}{\sum_{m_r \in y_r} all\ VMT_{s,m_r}} \right), \forall [s \in cd\ \&\ (np,my) \in pt]$$

where:

$avg.VMT_{cd,y_r,pt}, \forall [s \in cd\ \&\ (np,my) \in pt]$ is the average EV vehicle miles traveled in census division $cd$, representing all component states $s$, for the most recent EV odometer data year $y_r$ by powertrain category $pt$, where this value is constant for all EV nameplates $np$ and model years $my$ in a powertrain category $pt$

$all\ VMT_{s,m_r}$ is the U.S. Department of Transportation Federal Highway Administration's total vehicle miles traveled in state $s$ during month $m_r$ for the most recent EV odometer data year $y_r$

The following factor adjusts the average EV miles traveled for the year-over-year change in monthly values since the reference month $m_r$ (the most recent available year $y_r$of average EV odometer data) up through month $(m-12)$ (last available complete year of all VMT data for all months).

$$current\ month\ adjustment_{s,m} = \prod_{m_j=(m_r+\ n*12\ (n=0,1,2\ldots(\frac{(m-m_r)}{12}-1))}^{(m-12)} 1 + \frac{(all\ VMT_{s,m_{j+12}} - all\ VMT_{s,m_j})}{all\ VMT_{s,m_j}}$$

where:

$all\ VMT_{s,m_r}$ is the U.S. Department of Transportation Federal Highway Administration's total vehicle miles traveled in state $s$ during month $m_r$ for the most recent EV odometer data

## Potential sources of model error

The following list consists of identified potential sources of error in the model-based estimates:

Vehicle stocks:

- For preliminary monthly estimates, monthly EV scrappage and EVs moving between states are not considered in the model.
- Since state EV registration data are lagged, cumulative EV sales are used to estimate monthly state EV registrations, which could cause an over- or under- estimation of the EV stocks within a state.

- Interstate movement of vehicle sales could cause an over- or under- estimation of the EV stocks within a state.
- EV scrappage is not considered, which could cause an over-estimation of electricity consumption if scrappage increases considerably.

Vehicle miles traveled:

- Average EV miles traveled at the state level are derived from census division level values.
- Average EV miles traveled by nameplate and model year are derived from powertrain categories.
- The utility factor does not account for the possibility that many short trips are taken which could result in only electricity being consumed in PHEVs.
- The utility factor does not account for the possibility a PHEV has not been plugged into an electric power source resulting in only gasoline being consumed.
- Variability in driving patterns within a powertrain category could cause an over- or under-estimation of electricity consumption.

Fuel economy:

- Fuel economy factors do not account for decreasing efficiency due to vehicle age and deferred maintenance.
- Fuel economy factors do not account for non-weather related degradation.

## Schedule for preliminary and final published data

The estimates provide preliminary monthly estimates based on available data until various final annual data are received. Preliminary published monthly estimates for a given reference year will be finalized after the following:

- Final annual vehicle registration data, provided by a third-party source, being processed and available for the model to consume, which typically occurs with a 12 or 13-month lag from the end of the reference year.
- Final EV odometer readings, provided by a third-party source, being processed and available for the model to consume, which typically occurs with a 12 or 13-month lag from the end of the reference year.

This schedule is separate from the finalization of Electric Power Monthly numbers in the Electric Power Annual.

## Data sources and references

The model relies on the following data sources and types of data to estimate electricity consumption for EVs:

- $EV\ registrations$ are third-party data from S&P Global Mobility Vehicles in Operation dataset based on state vehicle registration administrative data from the end of a calendar year.
- $EV\ sales$ are third-party data from Wards Intelligence.

- $new\ EV\ registrations$ are third party data based on state-level new electric vehicle registration administrative data compiled by the Alliance for Automotive Innovation using Information provided by S&P Global Mobility (2011-2018, November 2019-present) and Hedges & Co (January 2019-October 2019).
- $kWh\_per\_mile$ are administrative data published by EPA on fueleconomy.gov.
- $weather\ correction$ uses research conducted by Geotab and daily high and low temperature readings at airports from the U.S. National Oceanic and Atmospheric Administration (NOAA).
- $avg.VMT$ are third-party odometer reading data from S&P Global Mobility.
- $all\ VMT$ are based on vehicle miles traveled from the U.S. Department of Transportation Federal Highway Administration's Traffic Volume Trends.
- $utility\ factor$ are administrative data published by EPA on fueleconomy.gov.

A full list of all light-duty electric vehicles can be found at fueleconomy.gov.

# 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 Energy Production, Conversion & Delivery (EPCD), Energy Information Administration (EIA), U.S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, EPCD 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, EPCD 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 approximately 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 approximately 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 sample 21,24. 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, EPCD 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

EPCD 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:

$$Percent\ Difference = \left(\frac{x(t_2) - x(t_1)}{|x(t_1)|}\right) x100$$

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:

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).

## 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 sales to ultimate consumers 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 electric 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 price of electricity to ultimate consumers 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 energy providers to ultimate consumers 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 November 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 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 sales of electricity to ultimate customers and revenue from 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 January 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 the price of electricity to ultimate consumers 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 price of electricity to ultimate consumers 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 price of electricity to ultimate consumers represents the cost per unit of electricity sold and is calculated by dividing electric revenue from ultimate consumers by the corresponding sales of electricity. The average price of electricity to ultimate consumers is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average price of electricity to ultimate consumers 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 price of electricity to ultimate consumers 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 abbreviations 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 combinedcycle) |
| 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 bypipeline) |
| BT | Turbines Used in a Binary Cycle (including those used for geothermalapplications) |
| 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 price of electricity to ultimate consumers represents the cost per unit of electricity sold and is calculated by dividing electric revenue from ultimate consumers by the corresponding sales of electricity. The average price of electricity to ultimate consumers is calculated for all consumers and for each end-use sector.

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

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

## Form EIA-923

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

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

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

**Instrument and design history:**

*Receipts and cost and quality of fossil fuels*
On July 7, 1972, the Federal Power Commission (FPC) issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data only on fossil steam plants, but was amended in 1974 to include data on internal-combustion and combustion-turbine units. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, for which data were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator-nameplate- capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

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

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

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

*Generation, consumption, and stocks*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Methodology to estimate biogenic and non-biogenic municipal solid waste[2]:** Municipal solid waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology (see Table 1):

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 U.S. Environmental Protection Agency (USEPA). For data years 2001 through 2009, the MSW composition was based on the USEPA annual publication, *Municipal Solid Waste in the United States: Facts and Figures*. The compositions developed for the 2009 data year were carried forward for the 2010 through 2018 data years. The most updated composition and categorization of MSW (for the 2019 data year) were also derived from a USEPA publication: *Advancing Sustainable Materials Management: Facts and Figures Report: 2015 Data Tables*. The updated composition values were applied in the October EPM 2019 on the preliminary 2019 values and will be applied going forward in future data years until EIA revises the MSW composition ratios again. The Btu contents of the components of MSW were obtained from various sources.

The numbers in Tables 1 and 2 illustrate two interrelated trends in the composition of the MSW stream. First, the heat content (per unit weight) of the waste stream has been steadily increasing

over time due to higher concentrations of non-biogenic materials. Second, the shares of energy contributed to the waste stream by biogenic and non-biogenic components have been changing over time with the percentage of biogenic materials falling and the share of non-biogenic materials rising.

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 was attributed 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 | … | 2018 | 2019 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Biogenic | 57 | 56 | 55 | 55 | 56 | 57 | 55 | 54 | 51 | 51 | 51 | 45 |
| Non-biogenic | 43 | 44 | 45 | 45 | 44 | 43 | 46 | 46 | 49 | 49 | 49 | 55 |

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

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | … | 2018 | 2019 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Biogenic | 77 | 77 | 76 | 76 | 75 | 67 | 65 | 65 | 64 | 64 | 64 | 61 |
| Non-biogenic | 23 | 23 | 24 | 24 | 25 | 34 | 35 | 35 | 36 | 36 | 36 | 39 |

**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 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:

$$Capacity\ Factor_{x,m} = \left(\frac{\sum Generation_{x,m}}{\sum Capacity_{x,m} \times Available\ Time_{x,m}}\right)$$

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

## NERC classification

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

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

The new NERC Regional Council names are as follows:

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

## Business classification

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

**Agriculture, Forestry, and Fishing**

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

**Mining**

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

**Construction**

23

**Manufacturing**

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

**Transportation and Public Utilities**

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

**Wholesale Trade**

421 to 422

**Retail Trade**

441 to 454

**Finance, Insurance, and Real Estate**

521 to 533

**Services**

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

**Public Administration**

92

## Multiple Survey Programs- Small Scale PV Solar Estimation of Generation

Monthly generation from small scale PV solar resources is an estimation of the generation produced from PV solar resources and not the results of a data collection effort for generation directly, with the exception of "Third Party Owned" or (TPO) solar installations which has direct data collection. TPO data however is not comprehensive. TPOs do not operate in every state, TPO collected data is not a large portion of the estimated amount, and the data has been collected for limited period of time. The generation estimate is based on data collected for PV solar capacity.

Capacity of PV solar resources is collected directly from respondents. These data are collected on several EIA forms and from several types of respondents. Monthly data for net-metered PV solar capacity is reported on the Form EIA-826. Form EIA-826 is a cutoff sample drawn from the annual survey Form EIA-861 which collects this data from all respondents. Using data from both of these surveys we have a regression model to impute for the non-sampled monthly capacity.

The survey instruments collect solar net metering capacity from reporting utilities by state and customer class. There are four customer classes: residential, commercial, industrial and transportation. However, the estimation process included only the residential, commercial and industrial customers.[1] Data for these customer classes were further classified by U.S. Census Regions, to ensure adequate number of customer observations in for each estimation group.

**Estimation Model:** The total PV capacity reported by utilities in the annual EIA-861 survey is the single primary input (regressor) to the monthly estimation of PV capacity by state. The model tested for each Census Region was of the form:

$$y_{i_{2015,m}} = \beta_1 x_{i_{2013}} + w_i^{-1/2} e_i \text{, where}$$

$x_{i_{2013}}$ is the i[th] utility's 2013 (or the last published year) solar PV capacity

$y_{i_{2015,m}}$ is the i[th] utility's month m, 2015 (or the current year) reported solar PV capacity

$w_i$ is the weight factor, which is the inverse of $x_{i_{2013}}$

$\beta_1$ is effectively the growth rate of reported month m solar PV capacity

$e_i$ is the error term

The model checks for outliers and removes them from the regression equation inputs. The model calculates RSEs by sector, state, census region, and US total. Once we have imputed for all of the

monthly net-metered PV solar capacity we add to total net metered capacity, the PV solar capacity collected on the Form EIA-861 for distributed and dispersed resources that are not net metered.

We use a second model to estimate the generation using this capacity as an input. The original methodology was developed for the "Annual Energy Outlook" based on our "NEMS" modelled projections several years ago. The original method underwent a calibration project designed to develop PV production levels for the NEMS projections consistent with simulations of a National Renewable Energy Laboratory model called PVWatts, which is itself embedded in PC software under the umbrella of the NREL's System Advisor Model (SAM).

The PVWatts simulations require, panel azimuth orientations and tilts, something that the NEMS projections do not include. Call the combinations of azimuths and tilts "orientations." The orientation and solar insolation (specific to a location) have a direct effect on the PV production level. The calibration project selected the 100 largest population Metropolitan Statistical Areas (MSAs) and relied on weights derived from orientation data from California Solar Initiative dataset to develop typical outputs for each of the 100 MSAs. It then was expanded from an annual estimate to a monthly estimate. A listing of the MSAs are included in Appendix 1.

Using Form EIA-861 data for service territories, which lists the counties that each electric distribution company (EDC) provides service, and NREL solar insolation data by county a simple average of insolation values by EDC is calculated.

Using the estimation model, we produce by utility, by state and by sector an estimate of generation. All the utilities'' capacity and generation estimates are summed by state and sector and a KWh/KW rate by state and sector is calculated.

Capacity from the Form EIA-860 that is net metered is subtracted from the total capacity by state and sector as well as the capacity reported on the EIA-826 from TPOs, resulting in a new "net" capacity amount. This capacity amount is multiplied by the KWh/KW rate to produce the non-TPO generation estimate and then it is added to the TPO reported sales to ultimate customers from the EIA-826 to obtain a final estimate for generation and a blended KWh/KW rate is calculated. The estimate for generation is aggregated by US census regions and US totals. The RSEs for capacity are checked for level of error and if they pass, the summary data by state, U.S. census region and U.S. total are reported in the EPM.

Appendix 2 contains a flow diagram of the data inputs, data quality control checks and data analysis required to perform this estimation.

# Appendix 1- MSAs

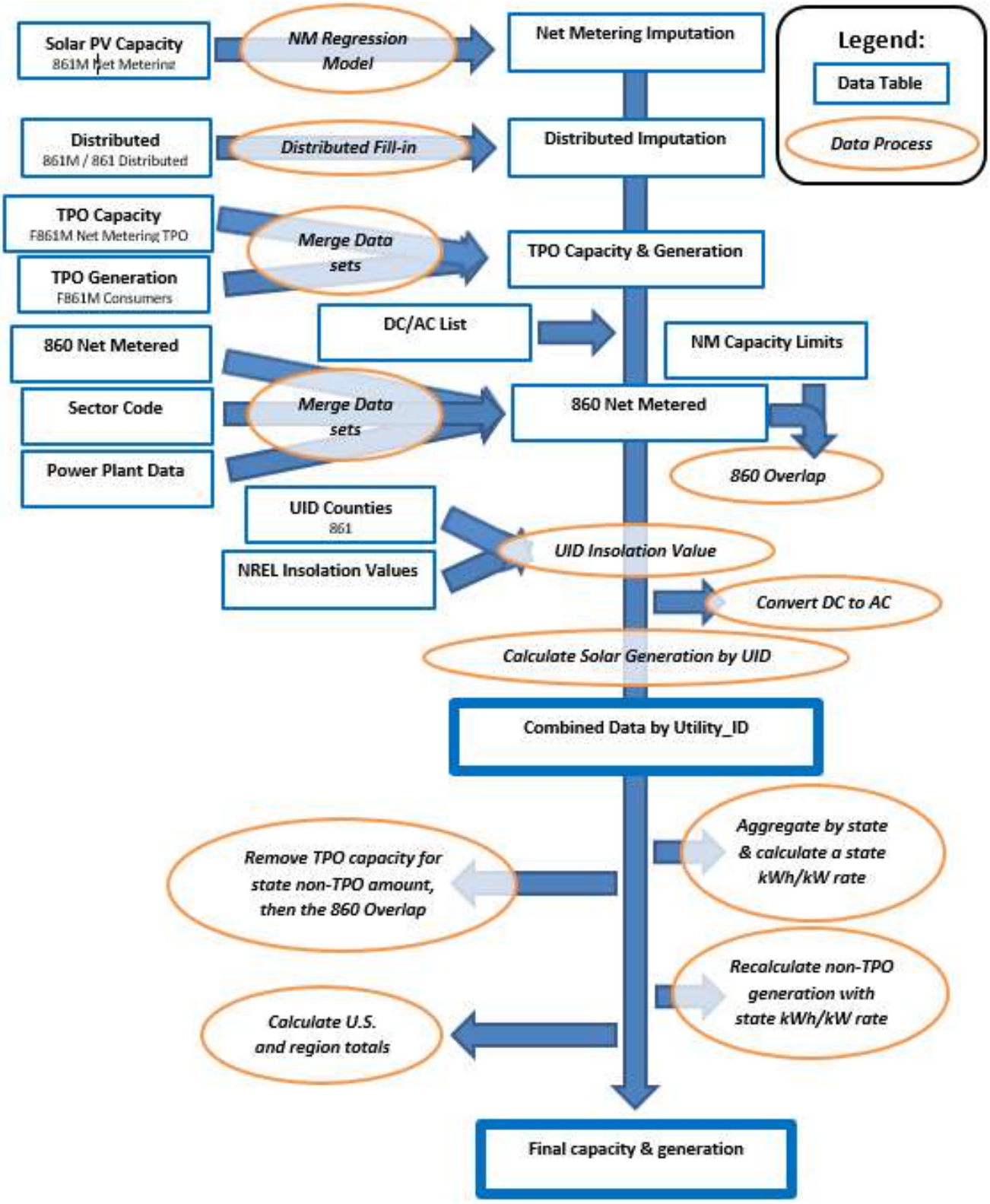
## TMY3 (1991-2005) Weather Stations by MSA

| Site | Weather Location | MSA |
|---|---|---|
| 1 | USA NY New York Central Park Obs. | New York-Newark-Jersey City, NY-NJ-PA MSA |
| 2 | USA CA Los Angeles Intl Airport | Los Angeles-Long Beach-Anaheim, CA MSA |
| 3 | USA IL Chicago Midway Airport | Chicago-Naperville-Elgin, IL-IN-WI MSA |
| 4 | USA TX Dallas-fort Worth Intl Airport | Dallas-Fort Worth-Arlington, TX MSA |
| 5 | USA TX Houston Bush Intercontinental | Houston-The Woodlands-Sugar Land, TX MSA |
| 6 | USA PA Philadelphia Int'l Airport | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA |
| 7 | USA VA Washington Dc Reagan Airport | Washington-Arlington-Alexandria, DC-VA-MD-WV MSA |
| 8 | USA FL Miami Intl Airport | Miami-Fort Lauderdale-West Palm Beach, FL MSA |
| 9 | USA GA Atlanta Hartsfield Intl Airport | Atlanta-Sandy Springs-Roswell, GA MSA |
| 10 | USA MA Boston Logan Int'l Airport | Boston-Cambridge-Newton, MA-NH MSA |
| 11 | USA CA San Francisco Intl Airport | San Francisco–Oakland–Hayward, CA MSA |
| 12 | USA AZ Phoenix Sky Harbor Intl Airport | Phoenix-Mesa-Scottsdale, AZ MSA |
| 13 | USA CA Riverside Municipal Airport | Riverside-San Bernardino-Ontario, CA MSA |
| 14 | USA MI Detroit City Airport | Detroit-Warren-Dearborn, MI MSA |
| 15 | USA WA Seattle Seattle-Tacoma Intl Airport | Seattle-Tacoma-Bellevue, WA MSA |
| 16 | USA MN Minneapolis-St. Paul Int'l Arp | Minneapolis-St. Paul-Bloomington, MN-WI MSA |
| 17 | USA CA San Diego Lindbergh Field | San Diego-Carlsbad, CA MSA |
| 18 | USA FL Tampa Int'l Airport | Tampa-St. Petersburg-Clearwater, FL MSA |
| 19 | USA MO St Louis Lambert Int'l Airport | St. Louis, MO-IL MSA |
| 20 | USA MD Baltimore-Washington Int'l Airport | Baltimore-Columbia-Towson, MD MSA |
| 21 | USA CO Denver Centennial [Golden - NREL] | Denver-Aurora-Lakewood, CO MSA |
| 22 | USA PA Pittsburgh Allegheny Co Airport | Pittsburgh, PA MSA |
| 23 | USA NC Charlotte Douglas Intl Airport | Charlotte-Concord-Gastonia, NC-SC MSA |
| 24 | USA OR Portland Hillsboro | Portland-Vancouver-Hillsboro, OR-WA MSA |
| 25 | USA TX San Antonio Intl Airport | San Antonio-New Braunfels, TX MSA |
| 26 | USA FL Orlando Intl Airport | Orlando-Kissimmee-Sanford, FL MSA |
| 27 | USA CA Sacramento Executive Airport | Sacramento–Roseville–Arden-Arcade, CA MSA |
| 28 | USA OH Cincinnati Municipal Airport | Cincinnati, OH-KY-IN MSA |
| 29 | USA OH Cleveland Hopkins Intl Airport | Cleveland-Elyria, OH MSA |
| 30 | USA MO Kansas City Int'l Airport | Kansas City, MO-KS MSA |
| 31 | USA NV Las Vegas McCarran Intl Airport | Las Vegas-Henderson-Paradise, NV MSA |
| 32 | USA OH Columbus Port Columbus Intl A | Columbus, OH MSA |
| 33 | USA IN Indianapolis Intl Airport | Indianapolis-Carmel-Anderson, IN MSA |
| 34 | USA CA San Jose Intl Airport | San Jose-Sunnyvale-Santa Clara, CA MSA |
| 35 | USA TX Austin Mueller Municipal Airport | Austin-Round Rock, TX MSA |
| 36 | USA TN Nashville Int'l Airport | Nashville-Davidson–Murfreesboro–Franklin, TN MSA |

| | | |
|---|---|---|
| 37 | USA VA Norfolk Int'l Airport | Virginia Beach-Norfolk-Newport News, VA-NC MSA |
| 38 | USA RI Providence T F Green State | Providence-Warwick, RI-MA MSA |
| 39 | USA WI Milwaukee Mitchell Intl Airport | Milwaukee-Waukesha-West Allis, WI MSA |
| 40 | USA FL Jacksonville Craig | Jacksonville, FL MSA |
| 41 | USA TN Memphis Int'l Airport | Memphis, TN-MS-AR MSA |
| 42 | USA OK Oklahoma City Will Rogers | Oklahoma City, OK MSA |
| 43 | USA KY Louisville Bowman Field | Louisville/Jefferson County, KY-IN MSA |
| 44 | USA VA Richmond Int'l Airport | Richmond, VA MSA |
| 45 | USA LA New Orleans Alvin Callender | New Orleans-Metairie, LA MSA |
| 46 | USA CT Hartford Bradley Intl Airport | Hartford-West Hartford-East Hartford, CT MSA |
| 47 | USA NC Raleigh Durham Int'l | Raleigh, NC MSA |
| 48 | USA UT Salt Lake City Int'l Airport | Salt Lake City, UT MSA |
| 49 | USA AL Birmingham Municipal Airport | Birmingham-Hoover, AL MSA |
| 50 | USA NY Buffalo Niagara Intl Airport | Buffalo-Cheektowaga-Niagara Falls, NY MSA |
| 51 | USA NY Rochester Greater Rochester | Rochester, NY MSA |
| 52 | USA MI Grand Rapids Kent County Int'l Airport | Grand Rapids-Wyoming, MI MSA |
| 53 | USA AZ Tucson Int'l Airport | Tucson, AZ MSA |
| 54 | USA HI Honolulu Intl Airport | Urban Honolulu, HI MSA |
| 55 | USA OK Tulsa Int'l Airport | Tulsa, OK MSA |
| 56 | USA CA Fresno Yosemite Intl Airport | Fresno, CA MSA |
| 57 | USA CT Bridgeport Sikorsky Memorial | Bridgeport-Stamford-Norwalk, CT MSA |
| 58 | USA MA Worchester Regional Airport | Worcester, MA-CT MSA |
| 59 | USA NM Albuquerque Intl Airport | Albuquerque, NM MSA |
| 60 | USA NE Omaha Eppley Airfield | Omaha-Council Bluffs, NE-IA MSA |
| 61 | USA NY Albany County Airport | Albany-Schenectady-Troy, NY MSA |
| 62 | USA CA Bakersfield Meadows Field | Bakersfield, CA MSA |
| 63 | USA CT New Haven Tweed Airport | New Haven-Milford, CT MSA |
| 64 | USA TN Knoxville McGhee Tyson Airport | Knoxville, TN MSA |
| 65 | USA SC Greenville Downtown Airport | Greenville-Anderson-Mauldin, SC MSA |
| 66 | USA CA Oxnard Airport | Oxnard-Thousand Oaks-Ventura, CA MSA |
| 67 | USA TX El Paso Int'l Airport | El Paso, TX MSA |
| 68 | USA PA Allentown Lehigh Valley Intl | Allentown-Bethlehem-Easton, PA-NJ MSA |
| 69 | USA LA Baton Rouge Ryan Airport | Baton Rouge, LA MSA |
| 70 | USA TX McCallen Miller Intl Airport | McAllen-Edinburg-Mission, TX MSA |
| 71 | USA OH Dayton Int'l Airport | Dayton, OH MSA |
| 72 | USA SC Columbia Metro Airport | Columbia, SC MSA |
| 73 | USA NC Greensboro Piedmont Triad Int'l Airport | Greensboro-High Point, NC MSA |
| 74 | USA FL Sarasota Bradenton | North Port-Sarasota-Bradenton, FL MSA |
| 75 | USA AR Little Rock Adams Field | Little Rock-North Little Rock-Conway, AR MSA |
| 76 | USA SC Charleston Intl Airport | Charleston-North Charleston, SC MSA |
| 77 | USA OH Akron Akron-canton Reg. Airport | Akron, OH MSA |
| 78 | USA CA Stockton Metropolitan Airport | Stockton-Lodi, CA MSA |

| | | |
|---|---|---|
| 79 | USA CO Colorado Springs Muni Airport | Colorado Springs, CO MSA |
| 80 | USA NY Syracuse Hancock Int'l Airport | Syracuse, NY MSA |
| 81 | USA FL Fort Myers Page Field | Cape Coral-Fort Myers, FL MSA |
| 82 | USA NC Winston-Salem Reynolds Airport | Winston-Salem, NC MSA |
| 83 | USA ID Boise Air Terminal | Boise City, ID MSA |
| 84 | USA KS Wichita Mid-continent Airport | Wichita, KS MSA |
| 85 | USA WI Madison Dane Co Regional Airport | Madison, WI MSA |
| 86 | USA MA Worchester Regional Airport | Springfield, MA MSA |
| 87 | USA FL Lakeland Linder Regional Airport | Lakeland-Winter Haven, FL MSA |
| 88 | USA UT Ogden Hinkley Airport | Ogden-Clearfield, UT MSA |
| 89 | USA OH Toledo Express Airport | Toledo, OH MSA |
| 90 | USA FL Daytona Beach Intl Airport | Deltona-Daytona Beach-Ormond Beach, FL MSA |
| 91 | USA IA Des Moines Intl Airport | Des Moines-West Des Moines, IA MSA |
| 92 | USA GA Augusta Bush Field | Augusta-Richmond County, GA-SC MSA |
| 93 | USA MS Jackson Int'l Airport | Jackson, MS MSA |
| 94 | USA UT Provo Muni | Provo-Orem, UT MSA |
| 95 | USA PA Wilkes-Barre Scranton Intl Airport | Scranton–Wilkes-Barre–Hazleton, PA MSA |
| 96 | USA PA Harrisburg Capital City Airport | Harrisburg-Carlisle, PA MSA |
| 97 | USA OH Youngstown Regional Airport | Youngstown-Warren-Boardman, OH-PA MSA |
| 98 | USA FL Melbourne Regional Airport | Palm Bay-Melbourne-Titusville, FL MSA |
| 99 | USA TN Chattanooga Lovell Field Airport | Chattanooga, TN-GA MSA |
| 100 | USA WA Spokane Int'l Airport | Spokane-Spokane Valley, WA MSA |

## Appendix 2 – Flow diagram of data sources and analysis



[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, October 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.