# Chapter 1. Net Generation

## Table 1.1. Net Generation by Energy Source: Total (All Sectors), 1994 through November 2008

(Thousand Megawatthours)

| Period | Coal[1] | Petroleum Liquids[2] | Petroleum Coke | Natural Gas | Other Gases[3] | Nuclear | Hydroelectric Conventional | Other Renewables[4] | Hydroelectric Pumped Storage | Other[5] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | **1,690,694** | **98,440** | **7,461** | **460,219** | **13,319** | **640,440** | **260,126** | **76,535** | **-3,378** | **3,667** | **3,247,522** |
| **1995** | **1,709,426** | **66,944** | **7,610** | **496,058** | **13,870** | **673,402** | **310,833** | **73,965** | **-2,725** | **4,104** | **3,353,487** |
| **1996** | **1,795,196** | **73,521** | **7,890** | **455,056** | **14,356** | **674,729** | **347,162** | **75,796** | **-3,088** | **3,571** | **3,444,188** |
| **1997** | **1,845,016** | **82,773** | **9,782** | **479,399** | **13,351** | **628,644** | **356,453** | **77,183** | **-4,040** | **3,612** | **3,492,172** |
| **1998** | **1,873,516** | **116,859** | **11,941** | **531,257** | **13,492** | **673,702** | **323,336** | **77,088** | **-4,467** | **3,571** | **3,620,295** |
| **1999** | **1,881,087** | **107,276** | **10,785** | **556,396** | **14,126** | **728,254** | **319,536** | **79,423** | **-6,097** | **4,024** | **3,694,810** |
| **2000** | **1,966,265** | **102,160** | **9,061** | **601,038** | **13,955** | **753,893** | **275,573** | **80,906** | **-5,539** | **4,794** | **3,802,105** |
| **2001** | **1,903,956** | **114,647** | **10,233** | **639,129** | **9,039** | **768,826** | **216,961** | **70,769** | **-8,823** | **11,906** | **3,736,644** |
| **2002** | **1,933,130** | **78,701** | **15,867** | **691,006** | **11,463** | **780,064** | **264,329** | **79,109** | **-8,743** | **13,527** | **3,858,452** |
| **2003** | **1,973,737** | **102,734** | **16,672** | **649,908** | **15,600** | **763,733** | **275,806** | **79,487** | **-8,535** | **14,045** | **3,883,185** |
| **2004** | **1,978,301** | **100,391** | **20,754** | **710,100** | **15,252** | **788,528** | **268,417** | **83,067** | **-8,488** | **14,232** | **3,970,555** |
| **2005** | **2,012,873** | **99,840** | **22,385** | **760,960** | **13,464** | **781,986** | **270,321** | **87,329** | **-6,558** | **12,821** | **4,055,423** |
| **2006** | | | | | | | | | | | |
| January | 169,236 | 4,246 | 1,890 | 43,807 | 1,157 | 71,912 | 27,437 | 8,435 | -533 | 1,072 | 328,658 |
| February | 158,616 | 3,257 | 1,667 | 47,409 | 1,114 | 62,616 | 24,762 | 7,374 | -447 | 966 | 307,333 |
| March | 161,325 | 2,407 | 1,607 | 54,922 | 1,234 | 63,721 | 24,625 | 8,199 | -435 | 1,127 | 318,730 |
| April | 141,426 | 3,039 | 1,651 | 56,091 | 1,180 | 57,567 | 28,556 | 7,860 | -587 | 1,075 | 297,858 |
| May | 157,010 | 2,902 | 1,518 | 65,586 | 1,295 | 62,776 | 30,818 | 8,036 | -444 | 1,119 | 330,616 |
| June | 169,693 | 4,060 | 1,706 | 81,060 | 1,167 | 68,391 | 29,757 | 7,782 | -423 | 1,065 | 364,260 |
| July | 187,821 | 5,121 | 1,881 | 108,094 | 1,267 | 72,186 | 25,439 | 8,121 | -638 | 1,127 | 410,421 |
| August | 189,455 | 6,571 | 1,788 | 106,592 | 1,292 | 72,016 | 21,728 | 7,894 | -695 | 1,121 | 407,763 |
| September | 161,590 | 3,043 | 1,602 | 72,673 | 1,153 | 66,642 | 17,201 | 7,720 | -629 | 1,058 | 332,055 |
| October | 161,390 | 3,354 | 1,538 | 70,640 | 1,185 | 57,509 | 17,055 | 8,295 | -507 | 1,107 | 321,567 |
| November | 159,440 | 3,355 | 1,392 | 53,440 | 1,065 | 61,392 | 20,272 | 8,304 | -553 | 1,052 | 309,159 |
| December | 173,509 | 3,105 | 1,466 | 56,128 | 1,068 | 70,490 | 21,596 | 8,505 | -667 | 1,084 | 336,283 |
| **Total** | **1,990,511** | **44,460** | **19,706** | **816,441** | **14,177** | **787,219** | **289,246** | **96,525** | **-6,558** | **12,974** | **4,064,702** |
| **2007** | | | | | | | | | | | |
| January | 175,739 | 4,420 | 1,574 | 61,475 | 1,154 | 74,006 | 26,045 | 8,668 | -572 | 1,022 | 353,531 |
| February | 163,603 | 7,596 | 1,287 | 57,622 | 981 | 65,225 | 18,567 | 7,877 | -447 | 919 | 323,230 |
| March | 159,811 | 4,118 | 1,297 | 56,204 | 1,234 | 64,305 | 24,163 | 8,778 | -458 | 1,018 | 320,471 |
| April | 146,250 | 3,830 | 1,250 | 60,153 | 1,163 | 57,301 | 23,891 | 8,693 | -374 | 972 | 303,129 |
| May | 157,513 | 3,489 | 1,384 | 66,470 | 1,175 | 65,025 | 26,047 | 8,621 | -547 | 1,026 | 330,203 |
| June | 173,513 | 4,213 | 1,564 | 81,511 | 1,154 | 68,923 | 22,817 | 8,549 | -523 | 1,034 | 362,755 |
| July | 185,054 | 4,125 | 1,369 | 97,483 | 1,154 | 72,739 | 22,478 | 8,371 | -595 | 1,049 | 393,226 |
| August | 190,135 | 5,702 | 1,485 | 121,338 | 1,132 | 72,751 | 19,941 | 8,895 | -651 | 1,070 | 421,797 |
| September | 169,391 | 3,647 | 1,289 | 88,532 | 1,120 | 67,579 | 14,743 | 8,843 | -743 | 995 | 355,394 |
| October | 162,234 | 3,558 | 1,189 | 78,358 | 1,134 | 61,690 | 14,796 | 9,362 | -760 | 1,055 | 332,615 |
| November | 159,382 | 2,001 | 1,135 | 60,637 | 1,031 | 64,899 | 15,682 | 9,029 | -662 | 967 | 314,103 |
| December | 173,830 | 2,803 | 1,412 | 66,808 | 1,022 | 71,983 | 18,342 | 9,553 | -565 | 1,103 | 346,290 |
| **Total** | **2,016,456** | **49,505** | **16,234** | **896,590** | **13,453** | **806,425** | **247,510** | **105,238** | **-6,896** | **12,231** | **4,156,745** |
| **2008** | | | | | | | | | | | |
| January | 182,579 | 3,136 | 1,313 | 72,090 | 1,249 | 70,686 | 22,358 | 9,647 | -754 | 962 | 363,268 |
| February | 167,000 | 2,427 | 1,200 | 59,902 | 1,126 | 64,936 | 20,234 | 8,679 | -375 | 778 | 325,906 |
| March | 161,102 | 2,135 | 977 | 60,904 | 1,611 | 64,683 | 22,907 | 9,935 | -522 | 976 | 324,706 |
| April | 147,249 | 2,166 | 1,082 | 60,870 | 1,460 | 57,281 | 22,106 | 10,178 | -98 | 1,160 | 303,455 |
| May | 156,098 | 2,260 | 1,005 | 61,350 | 1,358 | 64,794 | 28,239 | 10,285 | -587 | 895 | 325,697 |
| June | 171,287 | 3,789 | 1,193 | 84,075 | 1,323 | 70,268 | 30,803 | 10,357 | -372 | 908 | 373,632 |
| July | 187,377 | 3,006 | 1,126 | 99,535 | 1,437 | 74,266 | 25,873 | 9,405 | -799 | 914 | 402,139 |
| August | 181,313 | 2,521 | 1,206 | 98,034 | 1,440 | 72,573 | 20,651 | 8,780 | -648 | 892 | 386,760 |
| September | 162,207 | 2,994 | 1,119 | 77,490 | 791 | 67,003 | 16,530 | 8,172 | -513 | 791 | 336,584 |
| October | 152,925 | 1,859 | 1,305 | 72,515 | 771 | 62,793 | 16,436 | 9,754 | -497 | 751 | 318,613 |
| November | 155,002 | 2,097 | 1,075 | 61,461 | 686 | 63,408 | 17,081 | 10,092 | -492 | 736 | 311,146 |
| **Total** | **1,824,137** | **28,390** | **12,600** | **808,226** | **13,253** | **732,692** | **243,220** | **105,284** | **-5,657** | **9,763** | **3,771,908** |
| **Year-to-Date** | | | | | | | | | | | |
| 2006 | 1,817,002 | 41,355 | 18,241 | 760,313 | 13,108 | 716,729 | 267,650 | 88,021 | -5,891 | 11,890 | 3,728,419 |
| 2007 | 1,842,626 | 46,702 | 14,822 | 829,782 | 12,431 | 734,442 | 229,168 | 95,685 | -6,331 | 11,128 | 3,810,454 |
| 2008 | 1,824,137 | 28,390 | 12,600 | 808,226 | 13,253 | 732,692 | 243,220 | 105,284 | -5,657 | 9,763 | 3,771,908 |
| **Rolling 12 Months Ending in November** | | | | | | | | | | | |
| 2007 | 2,016,135 | 49,806 | 16,288 | 885,910 | 13,499 | 804,932 | 250,764 | 104,189 | -6,998 | 12,212 | 4,146,738 |
| 2008 | 1,997,967 | 31,193 | 14,012 | 875,034 | 14,275 | 804,674 | 261,561 | 114,837 | -6,222 | 10,866 | 4,118,198 |

[1] Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
[2] Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] 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.
[5] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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 Renewables." Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed, and at plants that utilize multiple fuels, may have resulted in a reallocation of the total plant generation accross those fuels. The new methodology was retroacitvely applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 1.1.A. Net Generation by Other Renewables: Total (All Sectors), 1994 through November 2008**
(Thousand Megawatthours)

| Period | Wind | Solar Thermal and Photovoltaic | Wood and Wood-Derived Fuels[1] | Geothermal | Other Biomass[2] | Total (Other Renewables) |
|---|---|---|---|---|---|---|
| **1994** | **3,447** | **487** | **37,937** | **15,535** | **19,129** | **76,535** |
| **1995** | **3,164** | **497** | **36,521** | **13,378** | **20,405** | **73,965** |
| **1996** | **3,234** | **521** | **36,800** | **14,329** | **20,911** | **75,796** |
| **1997** | **3,288** | **511** | **36,948** | **14,726** | **21,709** | **77,183** |
| **1998** | **3,026** | **502** | **36,338** | **14,774** | **22,448** | **77,088** |
| **1999** | **4,488** | **495** | **37,041** | **14,827** | **22,572** | **79,423** |
| **2000** | **5,593** | **493** | **37,595** | **14,093** | **23,131** | **80,906** |
| **2001** | **6,737** | **543** | **35,200** | **13,741** | **14,548** | **70,769** |
| **2002** | **10,354** | **555** | **38,665** | **14,491** | **15,044** | **79,109** |
| **2003** | **11,187** | **534** | **37,529** | **14,424** | **15,812** | **79,487** |
| **2004** | **14,144** | **575** | **38,117** | **14,811** | **15,421** | **83,067** |
| **2005** | **17,811** | **550** | **38,856** | **14,692** | **15,420** | **87,329** |
| **2006** | | | | | | |
| January | 2,383 | 13 | 3,422 | 1,230 | 1,388 | 8,435 |
| February | 1,922 | 20 | 3,051 | 1,111 | 1,270 | 7,374 |
| March | 2,359 | 33 | 3,201 | 1,261 | 1,344 | 8,199 |
| April | 2,472 | 52 | 2,980 | 1,129 | 1,227 | 7,860 |
| May | 2,459 | 71 | 3,039 | 1,096 | 1,371 | 8,036 |
| June | 2,052 | 70 | 3,134 | 1,199 | 1,328 | 7,782 |
| July | 1,955 | 62 | 3,444 | 1,261 | 1,399 | 8,121 |
| August | 1,655 | 83 | 3,478 | 1,289 | 1,389 | 7,894 |
| September | 1,879 | 54 | 3,260 | 1,219 | 1,308 | 7,720 |
| October | 2,442 | 32 | 3,213 | 1,275 | 1,332 | 8,295 |
| November | 2,540 | 16 | 3,182 | 1,207 | 1,359 | 8,304 |
| December | 2,472 | 3 | 3,358 | 1,290 | 1,382 | 8,505 |
| **Total** | **26,589** | **508** | **38,762** | **14,568** | **16,099** | **96,525** |
| **2007** | | | | | | |
| January | 2,452 | 13 | 3,536 | 1,296 | 1,371 | 8,668 |
| February | 2,520 | 19 | 3,015 | 1,122 | 1,200 | 7,877 |
| March | 3,047 | 48 | 3,106 | 1,204 | 1,373 | 8,778 |
| April | 3,172 | 54 | 3,055 | 1,158 | 1,254 | 8,693 |
| May | 2,952 | 84 | 3,081 | 1,155 | 1,349 | 8,621 |
| June | 2,620 | 84 | 3,213 | 1,238 | 1,392 | 8,549 |
| July | 2,158 | 86 | 3,434 | 1,250 | 1,443 | 8,371 |
| August | 2,699 | 75 | 3,426 | 1,255 | 1,440 | 8,895 |
| September | 2,867 | 68 | 3,290 | 1,218 | 1,400 | 8,843 |
| October | 3,377 | 49 | 3,246 | 1,265 | 1,426 | 9,362 |
| November | 3,095 | 24 | 3,273 | 1,211 | 1,425 | 9,029 |
| December | 3,490 | 5 | 3,339 | 1,266 | 1,452 | 9,553 |
| **Total** | **34,450** | **612** | **39,014** | **14,637** | **16,525** | **105,238** |
| **2008** | | | | | | |
| January | 3,737 | 15 | 3,337 | 1,187 | 1,371 | 9,647 |
| February | 3,275 | 33 | 3,075 | 1,075 | 1,220 | 8,679 |
| March | 4,103 | 75 | 3,165 | 1,218 | 1,374 | 9,935 |
| April | 4,487 | 87 | 2,940 | 1,200 | 1,465 | 10,178 |
| May | 4,450 | 96 | 3,013 | 1,254 | 1,472 | 10,285 |
| June | 4,349 | 120 | 3,166 | 1,261 | 1,462 | 10,357 |
| July | 3,236 | 105 | 3,349 | 1,281 | 1,434 | 9,405 |
| August | 2,599 | 99 | 3,390 | 1,267 | 1,425 | 8,780 |
| September | 2,391 | 86 | 3,167 | 1,225 | 1,303 | 8,172 |
| October | 4,164 | 56 | 3,001 | 1,242 | 1,291 | 9,754 |
| November | 4,408 | 26 | 3,157 | 1,206 | 1,296 | 10,092 |
| **Total** | **41,199** | **798** | **34,760** | **13,414** | **15,112** | **105,284** |
| **Year-to-Date** | | | | | | |
| 2006 | 24,117 | 505 | 35,404 | 13,278 | 14,716 | 88,021 |
| 2007 | 30,960 | 606 | 35,675 | 13,371 | 15,072 | 95,685 |
| 2008 | 41,199 | 798 | 34,760 | 13,414 | 15,112 | 105,284 |
| **Rolling 12 Months Ending in November** | | | | | | |
| 2007 | 33,431 | 609 | 39,033 | 14,661 | 16,455 | 104,189 |
| 2008 | 44,689 | 804 | 38,099 | 14,680 | 16,564 | 114,837 |

[1] 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.
[2] Biogenic municipal solid waste, landfill gas, 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 Renewables." • 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 retroatively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 are preliminary. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 1.2. Net Generation by Energy Source: Electric Utilities, 1994 through November 2008**
(Thousand Megawatthours)

| Period | Coal[1] | Petroleum Liquids[2] | Petroleum Coke | Natural Gas | Other Gases[3] | Nuclear | Hydroelectric Conventional | Other Renewables[4] | Hydroelectric Pumped Storage | Other[5] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | **1,635,493** | **88,897** | **2,142** | **291,115** | **--** | **640,440** | **247,071** | **8,933** | **-3,378** | **--** | **2,910,712** |
| **1995** | **1,652,914** | **59,036** | **1,809** | **307,306** | **--** | **673,402** | **296,378** | **6,409** | **-2,725** | **--** | **2,994,529** |
| **1996** | **1,737,453** | **65,695** | **1,651** | **262,730** | **--** | **674,729** | **331,058** | **7,214** | **-3,088** | **--** | **3,077,442** |
| **1997** | **1,787,806** | **74,372** | **3,381** | **283,625** | **--** | **628,644** | **341,273** | **7,462** | **-4,040** | **--** | **3,122,523** |
| **1998** | **1,807,480** | **105,440** | **4,718** | **309,222** | **--** | **673,702** | **308,844** | **7,206** | **-4,441** | **--** | **3,212,171** |
| **1999** | **1,767,679** | **82,981** | **3,948** | **296,381** | **--** | **725,036** | **299,914** | **3,716** | **-5,982** | **--** | **3,173,674** |
| **2000** | **1,696,619** | **69,653** | **2,527** | **290,715** | **--** | **705,433** | **253,155** | **2,241** | **-4,960** | **--** | **3,015,383** |
| **2001** | **1,560,146** | **74,729** | **4,179** | **264,434** | **--** | **534,207** | **197,804** | **1,666** | **-7,704** | **486** | **2,629,946** |
| **2002** | **1,514,670** | **52,838** | **6,286** | **229,639** | **206** | **507,380** | **242,302** | **3,089** | **-7,434** | **480** | **2,549,457** |
| **2003** | **1,500,281** | **62,774** | **7,156** | **186,967** | **243** | **458,829** | **249,622** | **3,421** | **-7,532** | **519** | **2,462,281** |
| **2004** | **1,513,641** | **62,196** | **11,498** | **199,662** | **374** | **475,682** | **245,546** | **3,692** | **-7,526** | **467** | **2,505,231** |
| **2005** | **1,484,855** | **58,572** | **11,150** | **238,204** | **10** | **436,296** | **245,553** | **4,945** | **-5,383** | **643** | **2,474,846** |
| **2006** | | | | | | | | | | | |
| January | 123,749 | 2,783 | 929 | 13,272 | 1 | 39,347 | 24,643 | 618 | -428 | 63 | 204,976 |
| February | 116,732 | 2,109 | 910 | 15,432 | * | 34,568 | 22,303 | 547 | -357 | 57 | 192,304 |
| March | 117,678 | 1,626 | 799 | 19,015 | 1 | 35,328 | 22,483 | 606 | -352 | 64 | 197,249 |
| April | 105,266 | 2,278 | 820 | 20,298 | * | 29,859 | 26,239 | 482 | -496 | 57 | 184,803 |
| May | 118,133 | 2,121 | 724 | 22,723 | 1 | 31,917 | 28,260 | 525 | -351 | 55 | 204,107 |
| June | 126,935 | 3,039 | 866 | 28,935 | 2 | 36,757 | 27,208 | 458 | -312 | 62 | 223,950 |
| July | 138,898 | 3,315 | 1,037 | 37,599 | 1 | 39,705 | 22,923 | 497 | -509 | 60 | 243,526 |
| August | 140,359 | 4,699 | 922 | 37,283 | 2 | 39,758 | 19,604 | 497 | -569 | 70 | 242,624 |
| September | 120,048 | 2,281 | 806 | 25,236 | 4 | 36,747 | 15,504 | 492 | -520 | 57 | 200,655 |
| October | 118,583 | 2,466 | 699 | 24,187 | 4 | 31,856 | 15,252 | 614 | -396 | 56 | 193,321 |
| November | 117,153 | 2,451 | 542 | 19,076 | 4 | 32,015 | 17,985 | 617 | -449 | 41 | 189,435 |
| December | 127,886 | 2,102 | 580 | 19,032 | 10 | 37,484 | 19,459 | 635 | -541 | 59 | 206,705 |
| **Total** | **1,471,421** | **31,269** | **9,634** | **282,088** | **30** | **425,341** | **261,864** | **6,588** | **-5,281** | **700** | **2,483,656** |
| **2007** | | | | | | | | | | | |
| January | 129,899 | 2,461 | 710 | 21,561 | 14 | 39,514 | 23,791 | 738 | -452 | 52 | 218,288 |
| February | 120,393 | 3,843 | 687 | 20,303 | 5 | 34,700 | 17,033 | 670 | -347 | 41 | 197,329 |
| March | 117,121 | 2,434 | 677 | 18,987 | 6 | 35,547 | 21,994 | 777 | -359 | 45 | 197,229 |
| April | 106,773 | 2,779 | 538 | 20,845 | 12 | 31,069 | 21,526 | 738 | -305 | 42 | 184,017 |
| May | 118,259 | 2,652 | 682 | 23,450 | 15 | 33,625 | 23,720 | 774 | -443 | 48 | 202,783 |
| June | 128,350 | 3,059 | 745 | 28,567 | 9 | 36,342 | 21,142 | 696 | -411 | 54 | 218,554 |
| July | 136,882 | 3,101 | 585 | 33,486 | 13 | 39,368 | 21,051 | 654 | -458 | 45 | 234,728 |
| August | 140,456 | 4,316 | 697 | 42,700 | 11 | 39,005 | 18,714 | 721 | -520 | 46 | 246,147 |
| September | 125,834 | 2,822 | 563 | 30,796 | 13 | 35,750 | 13,649 | 765 | -593 | 40 | 209,641 |
| October | 119,987 | 2,793 | 526 | 28,247 | 13 | 31,687 | 13,610 | 821 | -461 | 62 | 197,285 |
| November | 118,379 | 1,452 | 404 | 21,658 | 14 | 33,202 | 14,118 | 779 | -549 | 42 | 189,498 |
| December | 128,652 | 1,612 | 580 | 23,185 | 15 | 37,745 | 16,385 | 821 | -431 | 68 | 208,631 |
| **Total** | **1,490,985** | **33,325** | **7,395** | **313,785** | **141** | **427,555** | **226,734** | **8,953** | **-5,328** | **586** | **2,504,131** |
| **2008** | | | | | | | | | | | |
| January | 134,672 | 1,821 | 547 | 25,286 | 3 | 38,099 | 19,969 | 800 | -633 | 55 | 220,619 |
| February | 122,361 | 1,494 | 519 | 20,941 | 2 | 34,459 | 17,993 | 720 | -262 | 39 | 198,266 |
| March | 116,936 | 1,385 | 465 | 22,155 | 8 | 33,954 | 20,450 | 800 | -415 | 72 | 195,810 |
| April | 109,359 | 1,662 | 410 | 21,003 | * | 31,358 | 19,831 | 832 | -163 | 59 | 184,352 |
| May | 118,645 | 1,749 | 349 | 23,371 | 1 | 32,720 | 25,922 | 829 | -480 | 43 | 203,149 |
| June | 126,962 | 2,671 | 491 | 30,878 | 1 | 36,983 | 28,789 | 836 | -459 | 52 | 227,204 |
| July | 138,462 | 2,060 | 492 | 34,540 | 2 | 40,045 | 23,901 | 685 | -474 | 48 | 239,761 |
| August | 134,281 | 1,934 | 556 | 35,129 | * | 38,409 | 18,764 | 663 | -524 | 42 | 229,255 |
| September | 119,792 | 2,295 | 481 | 28,488 | 1 | 34,885 | 15,014 | 634 | -409 | 39 | 201,218 |
| October | 110,694 | 1,427 | 592 | 26,657 | * | 32,630 | 15,102 | 761 | -399 | 39 | 187,502 |
| November | 113,340 | 1,539 | 516 | 22,273 | 1 | 31,811 | 15,474 | 844 | -390 | 37 | 185,444 |
| **Total** | **1,345,504** | **20,036** | **5,419** | **290,720** | **19** | **385,354** | **221,210** | **8,402** | **-4,609** | **527** | **2,272,582** |
| **Year-to-Date** | | | | | | | | | | | |
| 2006 | 1,343,535 | 29,167 | 9,054 | 263,056 | 21 | 387,858 | 242,404 | 5,954 | -4,740 | 642 | 2,276,951 |
| 2007 | 1,362,333 | 31,712 | 6,815 | 290,601 | 126 | 389,810 | 210,349 | 8,132 | -4,897 | 517 | 2,295,500 |
| 2008 | 1,345,504 | 20,036 | 5,419 | 290,720 | 19 | 385,354 | 221,210 | 8,402 | -4,609 | 527 | 2,272,582 |
| **Rolling 12 Months Ending in November** | | | | | | | | | | | |
| 2007 | 1,490,219 | 33,815 | 7,395 | 309,633 | 136 | 427,294 | 229,808 | 8,767 | -5,438 | 576 | 2,502,204 |
| 2008 | 1,474,156 | 21,648 | 5,999 | 313,904 | 34 | 423,099 | 237,595 | 9,223 | -5,041 | 596 | 2,481,213 |

[1] Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
[2] Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] 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.
[5] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

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 Renewables." • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 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. • Other energy sources include batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 1.3. Net Generation by Energy Source: Independent Power Producers, 1994 through November 2008**
(Thousand Megawatthours)

| Period | Coal[1] | Petroleum Liquids[2] | Petroleum Coke | Natural Gas | Other Gases[3] | Nuclear | Hydroelectric Conventional | Other Renewables[4] | Hydroelectric Pumped Storage | Other[5] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | **30,783** | **3,897** | **3,741** | **94,574** | **1,092** | **--** | **6,934** | **36,753** | **--** | **239** | **178,013** |
| **1995** | **33,142** | **3,156** | **4,145** | **111,873** | **1,927** | **--** | **9,033** | **36,213** | **--** | **213** | **199,702** |
| **1996** | **34,520** | **2,851** | **4,586** | **116,028** | **1,341** | **--** | **10,101** | **37,072** | **--** | **201** | **206,699** |
| **1997** | **32,955** | **3,976** | **4,751** | **115,971** | **1,533** | **--** | **9,375** | **38,228** | **--** | **63** | **206,852** |
| **1998** | **42,713** | **6,525** | **5,528** | **140,070** | **2,315** | **--** | **9,023** | **38,937** | **-26** | **159** | **245,245** |
| **1999** | **90,938** | **19,635** | **4,975** | **176,615** | **1,607** | **3,218** | **14,749** | **44,548** | **-115** | **139** | **356,309** |
| **2000** | **246,492** | **27,929** | **5,083** | **227,263** | **2,028** | **48,460** | **18,183** | **47,162** | **-579** | **125** | **622,146** |
| **2001** | **322,681** | **35,532** | **4,709** | **290,506** | **586** | **234,619** | **15,945** | **40,593** | **-1,119** | **6,055** | **950,107** |
| **2002** | **395,943** | **22,241** | **8,368** | **378,044** | **1,763** | **272,684** | **18,189** | **44,466** | **-1,309** | **8,612** | **1,149,001** |
| **2003** | **452,433** | **35,818** | **7,949** | **380,337** | **2,404** | **304,904** | **21,890** | **46,060** | **-1,003** | **8,088** | **1,258,879** |
| **2004** | **443,547** | **33,574** | **7,410** | **427,510** | **3,194** | **312,846** | **19,518** | **48,636** | **-962** | **7,856** | **1,303,129** |
| **2005** | **507,199** | **37,096** | **9,664** | **445,625** | **3,767** | **345,690** | **21,486** | **51,708** | **-1,174** | **6,285** | **1,427,346** |
| **2006** | | | | | | | | | | | |
| January | 43,729 | 1,165 | 814 | 23,677 | 342 | 32,564 | 2,424 | 5,124 | -104 | 542 | 110,278 |
| February | 40,283 | 880 | 625 | 25,861 | 302 | 28,048 | 2,166 | 4,462 | -90 | 492 | 103,029 |
| March | 41,911 | 521 | 676 | 29,438 | 348 | 28,393 | 1,919 | 5,133 | -83 | 537 | 108,792 |
| April | 34,463 | 552 | 699 | 29,752 | 343 | 27,708 | 2,122 | 4,910 | -91 | 527 | 100,985 |
| May | 37,157 | 569 | 662 | 35,912 | 413 | 30,859 | 2,368 | 5,030 | -93 | 539 | 113,415 |
| June | 40,972 | 824 | 699 | 45,249 | 373 | 31,635 | 2,363 | 4,859 | -112 | 550 | 127,410 |
| July | 47,053 | 1,599 | 698 | 62,870 | 377 | 32,482 | 2,293 | 4,917 | -129 | 576 | 152,736 |
| August | 47,218 | 1,634 | 715 | 61,623 | 410 | 32,258 | 1,942 | 4,716 | -125 | 576 | 150,965 |
| September | 39,851 | 548 | 655 | 40,679 | 331 | 29,895 | 1,493 | 4,665 | -109 | 517 | 118,525 |
| October | 41,091 | 712 | 719 | 39,345 | 326 | 25,653 | 1,522 | 5,135 | -111 | 504 | 114,897 |
| November | 40,664 | 682 | 719 | 27,874 | 327 | 29,377 | 1,918 | 5,172 | -104 | 506 | 107,136 |
| December | 43,924 | 711 | 729 | 30,048 | 330 | 33,006 | 1,861 | 5,222 | -126 | 546 | 116,252 |
| **Total** | **498,316** | **10,396** | **8,409** | **452,329** | **4,223** | **361,877** | **24,390** | **59,345** | **-1,277** | **6,412** | **1,424,421** |
| **2007** | | | | | | | | | | | |
| January | 44,354 | 1,677 | 726 | 32,247 | 361 | 34,492 | 2,062 | 5,352 | -119 | 528 | 121,680 |
| February | 41,806 | 3,440 | 457 | 31,323 | 308 | 30,524 | 1,387 | 4,874 | -100 | 462 | 114,482 |
| March | 41,152 | 1,412 | 465 | 31,039 | 338 | 28,758 | 1,976 | 5,544 | -100 | 518 | 111,102 |
| April | 38,026 | 791 | 565 | 33,281 | 303 | 26,232 | 2,168 | 5,455 | -69 | 484 | 107,237 |
| May | 37,732 | 596 | 545 | 36,542 | 301 | 31,400 | 2,147 | 5,376 | -104 | 510 | 115,043 |
| June | 43,644 | 964 | 649 | 46,320 | 321 | 32,581 | 1,549 | 5,344 | -112 | 525 | 131,785 |
| July | 46,601 | 856 | 600 | 56,671 | 326 | 33,370 | 1,336 | 5,028 | -137 | 536 | 145,186 |
| August | 48,060 | 1,198 | 604 | 70,695 | 329 | 33,746 | 1,151 | 5,524 | -131 | 543 | 161,718 |
| September | 42,055 | 689 | 576 | 50,715 | 308 | 31,829 | 1,016 | 5,513 | -151 | 522 | 133,072 |
| October | 40,709 | 617 | 510 | 43,074 | 366 | 30,002 | 1,086 | 5,965 | -299 | 515 | 122,545 |
| November | 39,557 | 411 | 568 | 32,373 | 318 | 31,697 | 1,436 | 5,658 | -113 | 503 | 112,409 |
| December | 43,710 | 995 | 677 | 36,687 | 322 | 34,238 | 1,795 | 6,120 | -134 | 546 | 124,955 |
| **Total** | **507,406** | **13,645** | **6,942** | **500,967** | **3,901** | **378,869** | **19,109** | **65,751** | **-1,569** | **6,191** | **1,501,212** |
| **2008** | | | | | | | | | | | |
| January | 46,356 | 1,140 | 659 | 39,500 | 472 | 32,587 | 2,132 | 6,292 | -121 | 524 | 129,541 |
| February | 43,215 | 788 | 591 | 32,322 | 398 | 30,477 | 1,948 | 5,588 | -113 | 468 | 115,681 |
| March | 42,525 | 609 | 417 | 32,608 | 532 | 30,729 | 2,161 | 6,699 | -107 | 589 | 116,762 |
| April | 36,321 | 410 | 537 | 34,007 | 475 | 25,923 | 2,026 | 6,970 | 65 | 733 | 107,466 |
| May | 35,823 | 419 | 567 | 31,713 | 505 | 32,074 | 2,081 | 6,982 | -107 | 541 | 110,598 |
| June | 42,737 | 983 | 588 | 46,588 | 414 | 33,285 | 1,895 | 6,986 | 88 | 548 | 134,111 |
| July | 47,185 | 807 | 526 | 57,673 | 445 | 34,221 | 1,870 | 6,108 | -325 | 541 | 149,052 |
| August | 45,385 | 473 | 536 | 55,707 | 439 | 34,163 | 1,790 | 5,507 | -124 | 553 | 144,429 |
| September | 40,808 | 542 | 538 | 43,497 | 186 | 32,118 | 1,433 | 5,106 | -104 | 499 | 124,624 |
| October | 40,715 | 335 | 593 | 39,302 | 215 | 30,163 | 1,252 | 6,590 | -97 | 497 | 119,565 |
| November | 40,332 | 454 | 469 | 33,160 | 160 | 31,597 | 1,505 | 6,878 | -103 | 499 | 114,952 |
| **Total** | **461,401** | **6,959** | **6,020** | **446,078** | **4,241** | **347,338** | **20,094** | **69,704** | **-1,047** | **5,993** | **1,366,781** |
| **Year-to-Date** | | | | | | | | | | | |
| 2006 | 454,392 | 9,685 | 7,681 | 422,280 | 3,893 | 328,871 | 22,529 | 54,123 | -1,151 | 5,866 | 1,308,169 |
| 2007 | 463,696 | 12,650 | 6,265 | 464,280 | 3,579 | 344,632 | 17,314 | 59,631 | -1,434 | 5,646 | 1,376,257 |
| 2008 | 461,401 | 6,959 | 6,020 | 446,078 | 4,241 | 347,338 | 20,094 | 69,704 | -1,047 | 5,993 | 1,366,781 |
| **Rolling 12 Months Ending in November** | | | | | | | | | | | |
| 2007 | 507,620 | 13,361 | 6,994 | 494,328 | 3,910 | 377,637 | 19,175 | 64,853 | -1,561 | 6,192 | 1,492,509 |
| 2008 | 505,111 | 7,955 | 6,697 | 482,765 | 4,563 | 381,576 | 21,889 | 75,824 | -1,182 | 6,538 | 1,491,736 |

[1] Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
[2] Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] 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.
[5] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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 Renewables." • 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 retroatively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

## Table 1.4. Net Generation by Energy Source: Commercial Combined Heat and Power Sector, 1994 through November 2008

(Thousand Megawatthours)

| Period | Coal[1] | Petroleum Liquids[2] | Petroleum Coke | Natural Gas | Other Gases[3] | Nuclear | Hydroelectric Conventional | Other Renewables[4] | Hydroelectric Pumped Storage | Other[5] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | **850** | **413** | **3** | **4,929** | **115** | -- | **93** | **1,216** | -- | -- | **7,619** |
| **1995** | **998** | **376** | **3** | **5,162** | -- | -- | **118** | **1,575** | -- | * | **8,232** |
| **1996** | **1,051** | **366** | **2** | **5,249** | * | -- | **126** | **2,235** | -- | * | **9,030** |
| **1997** | **1,040** | **424** | **3** | **4,725** | **3** | -- | **120** | **2,385** | -- | * | **8,701** |
| **1998** | **985** | **380** | **3** | **4,879** | **7** | -- | **120** | **2,373** | -- | -- | **8,748** |
| **1999** | **995** | **431** | **3** | **4,607** | * | -- | **115** | **2,412** | -- | * | **8,563** |
| **2000** | **1,097** | **429** | **3** | **4,262** | * | -- | **100** | **2,012** | -- | * | **7,903** |
| **2001** | **995** | **434** | **4** | **4,434** | * | -- | **66** | **1,025** | -- | **457** | **7,416** |
| **2002** | **992** | **426** | **6** | **4,310** | * | -- | **13** | **1,065** | -- | **603** | **7,415** |
| **2003** | **1,206** | **416** | **8** | **3,899** | -- | -- | **72** | **1,302** | -- | **594** | **7,496** |
| **2004** | **1,340** | **493** | **7** | **3,969** | -- | -- | **105** | **1,575** | -- | **781** | **8,270** |
| **2005** | **1,353** | **368** | **7** | **4,249** | -- | -- | **86** | **1,673** | -- | **756** | **8,492** |
| **2006** | | | | | | | | | | | |
| January | 118 | 27 | * | 322 | * | -- | 13 | 143 | -- | 61 | 684 |
| February | 113 | 30 | 1 | 300 | * | -- | 11 | 132 | -- | 57 | 643 |
| March | 101 | 30 | 1 | 336 | * | -- | 12 | 115 | -- | 48 | 643 |
| April | 88 | 21 | -- | 307 | * | -- | 9 | 132 | -- | 66 | 625 |
| May | 99 | 16 | -- | 365 | * | -- | 9 | 151 | -- | 74 | 713 |
| June | 114 | 14 | -- | 383 | * | -- | 10 | 132 | -- | 71 | 724 |
| July | 127 | 17 | * | 438 | * | -- | 3 | 134 | -- | 64 | 783 |
| August | 129 | 16 | 1 | 437 | * | -- | * | 133 | -- | 63 | 780 |
| September | 102 | 11 | 1 | 369 | * | -- | 3 | 131 | -- | 64 | 682 |
| October | 97 | 10 | 1 | 392 | * | -- | 3 | 136 | -- | 65 | 704 |
| November | 110 | 14 | 1 | 348 | * | -- | 10 | 138 | -- | 61 | 682 |
| December | 113 | 23 | 1 | 358 | * | -- | 10 | 142 | -- | 63 | 709 |
| **Total** | **1,310** | **228** | **7** | **4,355** | * | -- | **93** | **1,619** | -- | **758** | **8,371** |
| **2007** | | | | | | | | | | | |
| January | 120 | 26 | 1 | 318 | -- | -- | 11 | 132 | -- | 61 | 669 |
| February | 120 | 43 | 1 | 309 | -- | -- | 9 | 110 | -- | 47 | 641 |
| March | 115 | 23 | 1 | 323 | -- | -- | 11 | 129 | -- | 58 | 659 |
| April | 100 | 15 | 1 | 319 | -- | -- | 11 | 129 | -- | 64 | 639 |
| May | 108 | 9 | -- | 341 | -- | -- | 12 | 139 | -- | 71 | 680 |
| June | 112 | 11 | -- | 374 | -- | -- | 5 | 137 | -- | 67 | 707 |
| July | 116 | 8 | -- | 419 | -- | -- | 2 | 147 | -- | 72 | 763 |
| August | 127 | 12 | 1 | 434 | -- | -- | * | 137 | -- | 63 | 774 |
| September | 113 | 6 | 1 | 364 | -- | -- | 1 | 135 | -- | 63 | 684 |
| October | 107 | 6 | 1 | 374 | -- | -- | 4 | 143 | -- | 71 | 706 |
| November | 115 | 5 | 1 | 335 | -- | -- | 5 | 141 | -- | 65 | 667 |
| December | 119 | 16 | 1 | 347 | -- | -- | 8 | 135 | -- | 61 | 686 |
| **Total** | **1,371** | **180** | **9** | **4,257** | -- | -- | **77** | **1,614** | -- | **764** | **8,273** |
| **2008** | | | | | | | | | | | |
| January | 170 | 14 | 1 | 407 | -- | -- | 7 | 129 | -- | 59 | 787 |
| February | 141 | 10 | 1 | 381 | -- | -- | 7 | 113 | -- | 54 | 708 |
| March | 122 | 6 | 1 | 380 | -- | -- | 11 | 127 | -- | 34 | 680 |
| April | 143 | 4 | 1 | 324 | -- | -- | 15 | 154 | -- | 63 | 704 |
| May | 147 | 4 | -- | 313 | -- | -- | 11 | 154 | -- | 73 | 702 |
| June | 114 | 11 | -- | 331 | -- | -- | 6 | 157 | -- | 77 | 695 |
| July | 128 | 12 | -- | 383 | -- | -- | 4 | 147 | -- | 70 | 745 |
| August | 121 | 8 | -- | 391 | -- | -- | * | 145 | -- | 71 | 736 |
| September | 112 | 8 | * | 352 | -- | -- | 1 | 135 | -- | 69 | 678 |
| October | 105 | 6 | 1 | 349 | -- | -- | 2 | 116 | -- | 55 | 635 |
| November | 102 | 9 | 1 | 327 | -- | -- | 3 | 127 | -- | 58 | 626 |
| **Total** | **1,406** | **91** | **5** | **3,939** | -- | -- | **66** | **1,505** | -- | **683** | **7,696** |
| **Year-to-Date** | | | | | | | | | | | |
| 2006 | 1,197 | 205 | 6 | 3,997 | * | -- | 84 | 1,478 | -- | 695 | 7,661 |
| 2007 | 1,253 | 164 | 8 | 3,911 | -- | -- | 70 | 1,479 | -- | 703 | 7,588 |
| 2008 | 1,406 | 91 | 5 | 3,939 | -- | -- | 66 | 1,505 | -- | 683 | 7,696 |
| **Rolling 12 Months Ending in November** | | | | | | | | | | | |
| 2007 | 1,366 | 187 | 9 | 4,269 | * | -- | 80 | 1,620 | -- | 766 | 8,297 |
| 2008 | 1,525 | 107 | 6 | 4,286 | -- | -- | 74 | 1,640 | -- | 744 | 8,381 |

[1] Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
[2] Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] 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.
[5] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

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 Renewables." • 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 retroatively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

## Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 1994 through November 2008

(Thousand Megawatthours)

| Period | Coal[1] | Petroleum Liquids[2] | Petroleum Coke | Natural Gas | Other Gases[3] | Nuclear | Hydroelectric Conventional | Other Renewables[4] | Hydroelectric Pumped Storage | Other[5] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1994** | **23,568** | **5,232** | **1,575** | **69,600** | **12,112** | **--** | **6,028** | **29,633** | **--** | **3,428** | **151,178** |
| **1995** | **22,372** | **4,376** | **1,654** | **71,717** | **11,943** | **--** | **5,304** | **29,768** | **--** | **3,890** | **151,025** |
| **1996** | **22,172** | **4,608** | **1,652** | **71,049** | **13,015** | **--** | **5,878** | **29,274** | **--** | **3,370** | **151,017** |
| **1997** | **23,214** | **4,001** | **1,648** | **75,078** | **11,814** | **--** | **5,685** | **29,107** | **--** | **3,549** | **154,097** |
| **1998** | **22,337** | **4,514** | **1,692** | **77,085** | **11,170** | **--** | **5,349** | **28,572** | **--** | **3,412** | **154,132** |
| **1999** | **21,474** | **4,229** | **1,860** | **78,793** | **12,519** | **--** | **4,758** | **28,747** | **--** | **3,885** | **156,264** |
| **2000** | **22,056** | **4,149** | **1,448** | **78,798** | **11,927** | **--** | **4,135** | **29,491** | **--** | **4,669** | **156,673** |
| **2001** | **20,135** | **3,952** | **1,341** | **79,755** | **8,454** | **--** | **3,145** | **27,485** | **--** | **4,908** | **149,175** |
| **2002** | **21,525** | **3,196** | **1,207** | **79,013** | **9,493** | **--** | **3,825** | **30,489** | **--** | **3,832** | **152,580** |
| **2003** | **19,817** | **3,726** | **1,559** | **78,705** | **12,953** | **--** | **4,222** | **28,704** | **--** | **4,843** | **154,530** |
| **2004** | **19,773** | **4,128** | **1,839** | **78,959** | **11,684** | **--** | **3,248** | **29,164** | **--** | **5,129** | **153,925** |
| **2005** | **19,466** | **3,804** | **1,564** | **72,882** | **9,687** | **--** | **3,195** | **29,003** | **--** | **5,137** | **144,739** |
| **2006** | | | | | | | | | | | |
| January | 1,639 | 272 | 148 | 6,536 | 814 | -- | 357 | 2,550 | -- | 405 | 12,720 |
| February | 1,488 | 237 | 131 | 5,815 | 811 | -- | 281 | 2,233 | -- | 360 | 11,357 |
| March | 1,635 | 230 | 130 | 6,133 | 885 | -- | 210 | 2,345 | -- | 477 | 12,046 |
| April | 1,608 | 188 | 132 | 5,734 | 836 | -- | 185 | 2,336 | -- | 425 | 11,445 |
| May | 1,621 | 197 | 133 | 6,586 | 881 | -- | 182 | 2,329 | -- | 452 | 12,380 |
| June | 1,673 | 184 | 141 | 6,493 | 793 | -- | 177 | 2,334 | -- | 382 | 12,176 |
| July | 1,743 | 190 | 146 | 7,187 | 889 | -- | 220 | 2,574 | -- | 426 | 13,375 |
| August | 1,749 | 223 | 150 | 7,249 | 880 | -- | 182 | 2,548 | -- | 413 | 13,394 |
| September | 1,589 | 203 | 140 | 6,388 | 818 | -- | 202 | 2,432 | -- | 420 | 12,193 |
| October | 1,619 | 167 | 119 | 6,716 | 855 | -- | 279 | 2,408 | -- | 483 | 12,645 |
| November | 1,512 | 208 | 130 | 6,142 | 734 | -- | 358 | 2,377 | -- | 444 | 11,906 |
| December | 1,586 | 268 | 156 | 6,690 | 728 | -- | 266 | 2,506 | -- | 417 | 12,617 |
| **Total** | **19,464** | **2,567** | **1,656** | **77,669** | **9,923** | **--** | **2,899** | **28,972** | **--** | **5,103** | **148,254** |
| **2007** | | | | | | | | | | | |
| January | 1,367 | 256 | 137 | 7,348 | 779 | -- | 180 | 2,446 | -- | 380 | 12,894 |
| February | 1,283 | 270 | 142 | 5,686 | 669 | -- | 138 | 2,223 | -- | 368 | 10,779 |
| March | 1,423 | 250 | 154 | 5,855 | 889 | -- | 183 | 2,329 | -- | 397 | 11,481 |
| April | 1,350 | 245 | 146 | 5,708 | 848 | -- | 185 | 2,372 | -- | 382 | 11,236 |
| May | 1,414 | 233 | 157 | 6,137 | 859 | -- | 168 | 2,333 | -- | 397 | 11,697 |
| June | 1,407 | 179 | 170 | 6,249 | 823 | -- | 121 | 2,372 | -- | 388 | 11,709 |
| July | 1,455 | 161 | 184 | 6,907 | 815 | -- | 89 | 2,543 | -- | 397 | 12,550 |
| August | 1,492 | 175 | 183 | 7,510 | 791 | -- | 76 | 2,513 | -- | 418 | 13,157 |
| September | 1,389 | 130 | 148 | 6,657 | 798 | -- | 76 | 2,429 | -- | 370 | 11,997 |
| October | 1,431 | 143 | 151 | 6,663 | 755 | -- | 97 | 2,433 | -- | 408 | 12,080 |
| November | 1,332 | 133 | 162 | 6,270 | 699 | -- | 123 | 2,451 | -- | 357 | 11,528 |
| December | 1,350 | 180 | 155 | 6,590 | 686 | -- | 154 | 2,476 | -- | 429 | 12,018 |
| **Total** | **16,694** | **2,355** | **1,889** | **77,580** | **9,411** | **--** | **1,590** | **28,919** | **--** | **4,690** | **143,128** |
| **2008** | | | | | | | | | | | |
| January | 1,380 | 161 | 107 | 6,898 | 775 | -- | 251 | 2,425 | -- | 324 | 12,321 |
| February | 1,284 | 135 | 90 | 6,257 | 726 | -- | 285 | 2,258 | -- | 216 | 11,251 |
| March | 1,518 | 135 | 94 | 5,760 | 1,071 | -- | 285 | 2,309 | -- | 281 | 11,455 |
| April | 1,426 | 91 | 134 | 5,535 | 985 | -- | 234 | 2,223 | -- | 305 | 10,933 |
| May | 1,483 | 87 | 89 | 5,954 | 851 | -- | 226 | 2,320 | -- | 238 | 11,247 |
| June | 1,474 | 124 | 113 | 6,279 | 909 | -- | 113 | 2,378 | -- | 231 | 11,622 |
| July | 1,602 | 127 | 108 | 6,938 | 991 | -- | 97 | 2,465 | -- | 255 | 12,582 |
| August | 1,525 | 106 | 113 | 6,808 | 1,000 | -- | 97 | 2,465 | -- | 225 | 12,340 |
| September | 1,494 | 150 | 101 | 5,153 | 604 | -- | 82 | 2,297 | -- | 184 | 10,064 |
| October | 1,411 | 91 | 118 | 6,207 | 556 | -- | 79 | 2,288 | -- | 160 | 10,911 |
| November | 1,227 | 96 | 89 | 5,701 | 525 | -- | 100 | 2,244 | -- | 142 | 10,124 |
| **Total** | **15,826** | **1,304** | **1,156** | **67,490** | **8,992** | **--** | **1,850** | **25,673** | **--** | **2,560** | **124,850** |
| **Year-to-Date** | | | | | | | | | | | |
| 2006 | 17,878 | 2,299 | 1,500 | 70,979 | 9,195 | -- | 2,633 | 26,466 | -- | 4,687 | 135,637 |
| 2007 | 15,344 | 2,175 | 1,734 | 70,991 | 8,726 | -- | 1,436 | 26,443 | -- | 4,262 | 131,110 |
| 2008 | 15,826 | 1,304 | 1,156 | 67,490 | 8,992 | -- | 1,850 | 25,673 | -- | 2,560 | 124,850 |
| **Rolling 12 Months Ending in November** | | | | | | | | | | | |
| 2007 | 16,930 | 2,443 | 1,890 | 77,681 | 9,454 | -- | 1,702 | 28,949 | -- | 4,678 | 143,727 |
| 2008 | 17,176 | 1,483 | 1,311 | 74,079 | 9,678 | -- | 2,004 | 28,149 | -- | 2,988 | 136,868 |

[1] Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.
[2] Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] 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.
[5] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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 Renewables." • 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 retroatively applied to 2004-2007. See the Technical Notes (Appendix C) for further information. • See Glossary for definitions. • Values for 2007 and prior years are final. Values for 2008 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

## Table 1.6.A. Net Generation by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **10,143** | **10,378** | **-2.3** | **490** | **533** | **9,173** | **9,308** | **56** | **59** | **424** | **479** |
| Connecticut | 1,909 | 2,427 | -21.4 | NM | 5 | 1,883 | 2,408 | NM | 3 | NM | 12 |
| Maine | 1,405 | 1,223 | 14.9 | NM | * | 1,015 | 770 | 15 | 15 | 375 | 438 |
| Massachusetts | 3,865 | 3,754 | 3.0 | NM | 23 | 3,772 | 3,674 | 33 | 38 | NM | 20 |
| New Hampshire | 2,065 | 1,930 | 7.0 | 388 | 431 | 1,667 | 1,490 | NM | * | NM | 9 |
| Rhode Island | 468 | 477 | -1.9 | NM | * | 464 | 474 | NM | 3 | -- | * |
| Vermont | 430 | 567 | -24.1 | 57 | 74 | NM | 493 | -- | -- | NM | * |
| **Middle Atlantic** | **33,895** | **32,590** | **4.0** | **3,228** | **2,865** | **30,212** | **29,289** | **93** | **97** | **361** | **339** |
| New Jersey | 4,375 | 4,705 | -7.0 | NM | -18 | 4,322 | 4,663 | NM | 6 | NM | 55 |
| New York | 11,587 | 10,256 | 13.0 | 3,192 | 2,807 | 8,247 | 7,295 | 53 | 59 | 94 | 95 |
| Pennsylvania | 17,933 | 17,629 | 1.7 | NM | 76 | 17,643 | 17,331 | 32 | 32 | 215 | 189 |
| **East North Central** | **52,309** | **52,264** | **.1** | **28,330** | **28,890** | **23,089** | **22,375** | **104** | **110** | **786** | **890** |
| Illinois | 16,157 | 15,470 | 4.4 | 238 | 840 | 15,676 | 14,361 | 39 | 35 | NM | 234 |
| Indiana | 9,995 | 9,813 | 1.9 | 8,987 | 8,737 | 773 | 803 | 16 | 15 | NM | 258 |
| Michigan | 8,642 | 9,155 | -5.6 | 7,317 | 7,511 | 1,185 | 1,473 | 40 | 48 | 100 | 123 |
| Ohio | 12,519 | 12,928 | -3.2 | 8,202 | 8,469 | 4,238 | 4,393 | -- | -- | 78 | 67 |
| Wisconsin | 4,996 | 4,897 | 2.0 | 3,586 | 3,333 | 1,217 | 1,346 | NM | 11 | NM | 208 |
| **West North Central** | **24,803** | **25,339** | **-2.1** | **23,052** | **23,757** | **1,471** | **1,247** | **38** | **43** | **242** | **292** |
| Iowa | 4,421 | 4,178 | 5.8 | 3,665 | 3,465 | 645 | 579 | 23 | 21 | 89 | 113 |
| Kansas | 3,923 | 4,147 | -5.4 | 3,789 | 4,070 | 134 | 78 | NM | -- | NM | * |
| Minnesota | 4,209 | 4,448 | -5.4 | 3,582 | 3,854 | 502 | 443 | NM | 7 | 119 | 144 |
| Missouri | 6,420 | 7,205 | -10.9 | 6,343 | 7,101 | 55 | 76 | 8 | 14 | NM | 14 |
| Nebraska | 2,514 | 2,739 | -8.2 | 2,509 | 2,735 | NM | * | NM | 1 | NM | 2 |
| North Dakota | 2,866 | 2,430 | 17.9 | 2,727 | 2,352 | 124 | 60 | -- | * | NM | 18 |
| South Dakota | 449 | 192 | 134.4 | 439 | 179 | 11 | 13 | -- | -- | -- | -- |
| **South Atlantic** | **58,441** | **61,462** | **-4.9** | **48,436** | **51,439** | **8,713** | **8,373** | **51** | **53** | **1,241** | **1,596** |
| Delaware | 620 | 678 | -8.6 | NM | 2 | 595 | 598 | -- | -- | 23 | 78 |
| District of Columbia | -- | -1 | -- | -- | -- | -- | -1 | -- | -- | -- | -- |
| Florida | 15,434 | 15,782 | -2.2 | 13,982 | 13,961 | 1,228 | 1,400 | NM | 5 | 217 | 416 |
| Georgia | 10,245 | 10,931 | -6.3 | 9,421 | 10,368 | 427 | 139 | NM | * | 396 | 424 |
| Maryland | 3,478 | 3,901 | -10.8 | NM | * | 3,429 | 3,847 | NM | 2 | 45 | 52 |
| North Carolina | 9,367 | 10,266 | -8.8 | 8,869 | 9,835 | 344 | 247 | 3 | 9 | NM | 174 |
| South Carolina | 7,419 | 7,439 | -.3 | 7,190 | 7,245 | 84 | 20 | NM | 6 | 139 | 168 |
| Virginia | 5,434 | 5,359 | 1.4 | 4,689 | 4,486 | 503 | 625 | NM | 31 | 212 | 217 |
| West Virginia | 6,445 | 7,106 | -9.3 | 4,284 | 5,542 | 2,104 | 1,498 | -- | -- | 58 | 67 |
| **East South Central** | **29,057** | **27,911** | **4.1** | **25,232** | **25,029** | **3,130** | **2,106** | **NM** | **8** | **686** | **768** |
| Alabama | 10,644 | 10,329 | 3.1 | 9,012 | 9,266 | 1,296 | 680 | -- | -- | 337 | 383 |
| Kentucky | 8,209 | 7,410 | 10.8 | 7,202 | 6,466 | 973 | 904 | -- | -- | 34 | 40 |
| Mississippi | 3,330 | 2,919 | 14.1 | 2,334 | 2,261 | 855 | 514 | NM | 1 | NM | 144 |
| Tennessee | 6,874 | 7,254 | -5.2 | 6,685 | 7,036 | NM | 7 | NM | 8 | 175 | 202 |
| **West South Central** | **44,336** | **45,429** | **-2.4** | **17,443** | **17,557** | **22,076** | **22,448** | **NM** | **43** | **4,774** | **5,382** |
| Arkansas | 4,206 | 3,764 | 11.7 | 3,570 | 3,236 | 480 | 364 | NM | * | 155 | 164 |
| Louisiana | 7,021 | 6,781 | 3.5 | 3,355 | 3,336 | 1,620 | 1,182 | NM | 3 | 2,043 | 2,259 |
| Oklahoma | 5,407 | 4,628 | 16.8 | 4,059 | 3,732 | 1,273 | 813 | NM | 2 | NM | 81 |
| Texas | 27,702 | 30,256 | -8.4 | 6,460 | 7,252 | 18,702 | 20,089 | NM | 37 | 2,502 | 2,878 |
| **Mountain** | **28,863** | **28,282** | **2.1** | **22,609** | **22,197** | **6,038** | **5,857** | **NM** | **15** | **205** | **214** |
| Arizona | 8,233 | 8,524 | -3.4 | 6,790 | 6,566 | 1,411 | 1,916 | NM | 5 | NM | 37 |
| Colorado | 4,159 | 4,444 | -6.4 | 3,206 | 3,384 | 950 | 1,053 | 1 | 2 | NM | 5 |
| Idaho | 666 | 616 | 8.2 | NM | 353 | 155 | 207 | -- | -- | 45 | 56 |
| Montana | 2,349 | 2,211 | 6.3 | NM | 344 | 1,909 | 1,856 | -- | -- | NM | 10 |
| Nevada | 2,737 | 2,100 | 30.3 | 1,701 | 1,612 | 1,011 | 464 | -- | -- | NM | 24 |
| New Mexico | 3,186 | 2,807 | 13.5 | 2,858 | 2,646 | 323 | 156 | NM | 4 | NM | 1 |
| Utah | 3,814 | 3,635 | 4.9 | 3,725 | 3,572 | NM | 55 | NM | 4 | NM | 4 |
| Wyoming | 3,719 | 3,946 | -5.7 | 3,431 | 3,718 | NM | 151 | -- | -- | 71 | 77 |
| **Pacific Contiguous** | **27,907** | **28,965** | **-3.7** | **15,640** | **16,148** | **10,707** | **11,093** | **174** | **187** | **1,386** | **1,538** |
| California | 15,860 | 16,580 | -4.3 | 6,208 | 6,562 | 8,262 | 8,485 | 170 | 180 | 1,221 | 1,354 |
| Oregon | 4,549 | 4,580 | -.7 | 3,458 | 3,401 | 978 | 1,055 | NM | 3 | 112 | 121 |
| Washington | 7,497 | 7,804 | -3.9 | 5,974 | 6,185 | 1,467 | 1,553 | NM | 4 | 53 | 63 |
| **Pacific Noncontiguous** | **1,393** | **1,482** | **-6.0** | **983** | **1,085** | **343** | **314** | **46** | **53** | **NM** | **31** |
| Alaska | 537 | 583 | -8.0 | 495 | 523 | NM | 26 | 19 | 22 | NM | 13 |
| Hawaii | 857 | 899 | -4.7 | 488 | 562 | 328 | 287 | 27 | 31 | NM | 19 |
| **U.S. Total** | **311,146** | **314,103** | **-.9** | **185,444** | **189,498** | **114,952** | **112,409** | **626** | **667** | **10,124** | **11,528** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

## Table 1.6.B. Net Generation by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **114,924** | **121,109** | **-5.1** | **5,215** | **5,519** | **104,023** | **109,717** | **739** | **725** | **4,946** | **5,148** |
| Connecticut | 27,794 | 30,329 | -8.4 | NM | 31 | 27,469 | 30,100 | NM | 40 | NM | 157 |
| Maine | 14,582 | 14,571 | .1 | NM | 1 | 10,106 | 9,784 | 169 | 162 | 4,307 | 4,624 |
| Massachusetts | 39,076 | 43,293 | -9.7 | NM | 439 | 37,771 | 42,148 | 473 | 456 | NM | 251 |
| New Hampshire | 20,808 | 21,306 | -2.3 | 3,901 | 4,405 | 16,761 | 16,765 | NM | 22 | NM | 115 |
| Rhode Island | 6,649 | 6,362 | 4.5 | NM | 10 | 6,593 | 6,306 | NM | 45 | * | 1 |
| Vermont | 6,015 | 5,248 | 14.6 | NM | 633 | NM | 4,614 | -- | -- | NM | 1 |
| **Middle Atlantic** | **392,193** | **397,715** | **-1.4** | **36,775** | **37,828** | **349,868** | **354,378** | **1,073** | **1,036** | **4,477** | **4,473** |
| New Jersey | 58,728 | 57,102 | 2.8 | NM | -180 | 57,636 | 56,581 | NM | 74 | NM | 627 |
| New York | 128,980 | 133,928 | -3.7 | 35,395 | 37,084 | 91,897 | 95,098 | 612 | 603 | 1,077 | 1,143 |
| Pennsylvania | 204,486 | 206,686 | -1.1 | NM | 924 | 200,335 | 202,699 | 362 | 359 | 2,739 | 2,704 |
| **East North Central** | **603,453** | **611,899** | **-1.4** | **328,507** | **336,746** | **263,897** | **263,585** | **1,230** | **1,390** | **9,819** | **10,179** |
| Illinois | 180,966 | 183,030 | -1.1 | 3,587 | 9,204 | 174,575 | 170,679 | 430 | 495 | NM | 2,653 |
| Indiana | 118,331 | 119,590 | -1.1 | 105,776 | 106,868 | 9,207 | 9,529 | 190 | 199 | NM | 2,995 |
| Michigan | 105,649 | 109,024 | -3.1 | 86,935 | 88,485 | 17,065 | 18,546 | 499 | 583 | 1,150 | 1,410 |
| Ohio | 140,355 | 142,349 | -1.4 | 90,269 | 91,752 | 49,135 | 49,771 | -- | -- | 952 | 826 |
| Wisconsin | 58,152 | 57,906 | .4 | 41,940 | 40,437 | 13,916 | 15,060 | NM | 113 | NM | 2,296 |
| **West North Central** | **287,724** | **287,244** | **.2** | **270,042** | **271,575** | **14,214** | **12,087** | **529** | **517** | **2,940** | **3,063** |
| Iowa | 47,905 | 45,294 | 5.8 | 40,472 | 38,566 | 6,149 | 5,307 | 267 | 234 | 1,018 | 1,187 |
| Kansas | 42,540 | 45,755 | -7.0 | 41,370 | 44,953 | 1,147 | 794 | NM | -- | NM | 8 |
| Minnesota | 48,335 | 49,393 | -2.1 | 42,208 | 43,343 | 4,537 | 4,452 | NM | 88 | 1,495 | 1,511 |
| Missouri | 84,099 | 83,286 | 1.0 | 82,423 | 82,100 | 1,354 | 853 | 156 | 180 | NM | 154 |
| Nebraska | 29,766 | 29,413 | 1.2 | 29,703 | 29,377 | NM | 4 | NM | 16 | NM | 16 |
| North Dakota | 28,926 | 28,318 | 2.1 | 27,814 | 27,589 | 921 | 541 | -- | * | NM | 188 |
| South Dakota | NM | 5,783 | -- | NM | 5,647 | 101 | 136 | -- | -- | -- | -- |
| **South Atlantic** | **738,709** | **767,891** | **-3.8** | **614,394** | **634,706** | **107,592** | **114,860** | **609** | **597** | **16,114** | **17,728** |
| Delaware | 6,920 | 7,808 | -11.4 | NM | 45 | 6,205 | 6,762 | -- | -- | 697 | 1,001 |
| District of Columbia | 72 | 76 | -4.6 | -- | -- | 72 | 76 | -- | -- | -- | -- |
| Florida | 202,516 | 208,694 | -3.0 | 182,231 | 185,768 | 16,922 | 18,415 | NM | 76 | 3,271 | 4,435 |
| Georgia | 126,662 | 133,362 | -5.0 | 116,671 | 121,795 | 5,320 | 6,825 | NM | 4 | 4,670 | 4,738 |
| Maryland | 42,908 | 45,771 | -6.3 | NM | 22 | 42,374 | 45,167 | NM | 26 | 480 | 556 |
| North Carolina | 115,168 | 119,481 | -3.6 | 108,489 | 113,090 | 4,741 | 4,402 | 80 | 65 | NM | 1,924 |
| South Carolina | 93,751 | 94,791 | -1.1 | 90,787 | 91,574 | NM | 1,363 | NM | 63 | 1,714 | 1,790 |
| Virginia | 66,744 | 71,979 | -7.3 | 54,702 | 59,103 | 9,214 | 10,247 | NM | 363 | 2,510 | 2,266 |
| West Virginia | 83,968 | 85,928 | -2.3 | 61,487 | 63,309 | 21,564 | 21,603 | -- | -- | 916 | 1,017 |
| **East South Central** | **351,032** | **354,614** | **-1.0** | **307,812** | **308,486** | **34,686** | **37,313** | **NM** | **123** | **8,425** | **8,693** |
| Alabama | 133,470 | 131,959 | 1.1 | 116,736 | 113,665 | 12,522 | 14,043 | -- | -- | 4,212 | 4,251 |
| Kentucky | 89,628 | 89,021 | .7 | 78,664 | 78,122 | 10,492 | 10,374 | -- | -- | 472 | 525 |
| Mississippi | 44,592 | 46,408 | -3.9 | 31,312 | 31,889 | 11,607 | 12,781 | NM | 11 | NM | 1,727 |
| Tennessee | 83,342 | 87,225 | -4.5 | 81,100 | 84,810 | NM | 114 | NM | 111 | 2,075 | 2,190 |
| **West South Central** | **577,336** | **575,556** | **.3** | **221,590** | **220,116** | **296,363** | **293,690** | **NM** | **508** | **58,833** | **61,242** |
| Arkansas | 50,818 | 49,957 | 1.7 | 42,147 | 41,260 | 6,891 | 6,953 | NM | 2 | 1,776 | 1,743 |
| Louisiana | 83,910 | 85,122 | -1.4 | 39,304 | 39,860 | 21,076 | 20,486 | NM | 39 | 23,498 | 24,736 |
| Oklahoma | 70,157 | 67,145 | 4.5 | 52,487 | 49,724 | 16,606 | 16,586 | NM | 24 | NM | 811 |
| Texas | 372,450 | 373,332 | -.2 | 87,653 | 89,272 | 251,790 | 249,665 | NM | 443 | 32,525 | 33,952 |
| **Mountain** | **341,593** | **336,515** | **1.5** | **268,971** | **264,814** | **69,152** | **68,222** | **NM** | **187** | **3,299** | **3,292** |
| Arizona | 107,962 | 103,995 | 3.8 | 86,280 | 81,559 | 21,241 | 22,012 | NM | 65 | NM | 359 |
| Colorado | 47,985 | 49,134 | -2.3 | 37,442 | 38,625 | 10,477 | 10,422 | 39 | 27 | NM | 59 |
| Idaho | 11,229 | 10,738 | 4.6 | NM | 8,136 | 2,289 | 2,058 | -- | -- | 467 | 544 |
| Montana | 26,621 | 26,351 | 1.0 | NM | 5,776 | 20,226 | 20,465 | -- | -- | NM | 109 |
| Nevada | 30,858 | 30,304 | 1.8 | 20,358 | 20,646 | 10,172 | 9,275 | -- | -- | NM | 383 |
| New Mexico | 32,520 | 33,155 | -1.9 | 30,319 | 31,410 | NM | 1,676 | NM | 54 | NM | 16 |
| Utah | 42,686 | 41,335 | 3.3 | 40,771 | 39,389 | NM | 1,008 | NM | 41 | 1,112 | 898 |
| Wyoming | 41,732 | 41,503 | .6 | 39,025 | 39,272 | NM | 1,307 | -- | -- | 850 | 924 |
| **Pacific Contiguous** | **348,836** | **341,180** | **2.2** | **207,896** | **203,791** | **123,300** | **118,459** | **1,962** | **2,017** | **15,678** | **16,913** |
| California | 197,163 | 193,740 | 1.8 | 85,826 | 81,465 | 95,610 | 95,292 | 1,902 | 1,955 | 13,825 | 15,029 |
| Oregon | 52,741 | 49,622 | 6.3 | 40,140 | 39,167 | 11,352 | 9,160 | NM | 16 | 1,245 | 1,280 |
| Washington | 98,932 | 97,818 | 1.1 | 81,930 | 83,158 | 16,338 | 14,008 | NM | 47 | 608 | 605 |
| **Pacific Noncontiguous** | **16,107** | **16,730** | **-3.7** | **11,381** | **11,919** | **3,686** | **3,947** | **721** | **488** | **NM** | **377** |
| Alaska | 6,080 | 6,161 | -1.3 | 5,352 | 5,553 | NM | 261 | 421 | 214 | NM | 133 |
| Hawaii | 10,027 | 10,569 | -5.1 | 6,029 | 6,366 | 3,511 | 3,685 | 300 | 274 | NM | 244 |
| **U.S. Total** | **3,771,908** | **3,810,454** | **-1.0** | **2,272,582** | **2,295,500** | **1,366,781** | **1,376,257** | **7,696** | **7,588** | **124,850** | **131,110** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.7.A. Net Generation from Coal by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **1,794** | **1,337** | **34.3** | **312** | **368** | **1,471** | **946** | **--** | **--** | **NM** | **23** |
| Connecticut | 396 | 134 | 195.3 | -- | -- | 396 | 134 | -- | -- | -- | -- |
| Maine | 9 | 29 | -69.8 | -- | -- | 2 | 10 | -- | -- | 7 | 20 |
| Massachusetts | 1,078 | 806 | 33.8 | -- | -- | 1,073 | 803 | -- | -- | NM | 3 |
| New Hampshire | 312 | 368 | -15.0 | 312 | 368 | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **11,396** | **12,197** | **-6.6** | **NM** | **120** | **11,257** | **11,959** | **NM** | **4** | **113** | **114** |
| New Jersey | 508 | 791 | -35.8 | NM | 1 | 498 | 790 | -- | -- | -- | -- |
| New York | 1,591 | 1,686 | -5.6 | NM | 119 | 1,541 | 1,520 | 1 | 3 | 35 | 44 |
| Pennsylvania | 9,297 | 9,719 | -4.3 | -- | -- | 9,218 | 9,648 | NM | * | 78 | 71 |
| **East North Central** | **37,116** | **36,836** | **.8** | **26,216** | **26,646** | **10,505** | **9,751** | **49** | **51** | **346** | **388** |
| Illinois | 7,809 | 7,278 | 7.3 | 222 | 783 | 7,396 | 6,280 | 6 | 9 | 185 | 205 |
| Indiana | 9,507 | 9,341 | 1.8 | 8,894 | 8,639 | 596 | 687 | 12 | 11 | NM | 4 |
| Michigan | 5,752 | 5,944 | -3.2 | 5,648 | 5,834 | NM | 41 | 27 | 26 | 34 | 43 |
| Ohio | 10,618 | 11,150 | -4.8 | 8,130 | 8,381 | 2,454 | 2,739 | -- | -- | NM | 31 |
| Wisconsin | 3,429 | 3,123 | 9.8 | 3,322 | 3,009 | NM | 3 | NM | 5 | 88 | 105 |
| **West North Central** | **18,032** | **18,616** | **-3.1** | **17,810** | **18,361** | **NM** | **4** | **26** | **30** | **192** | **221** |
| Iowa | 3,378 | 3,154 | 7.1 | 3,272 | 3,024 | -- | -- | 18 | 17 | 88 | 113 |
| Kansas | 2,675 | 3,110 | -14.0 | 2,675 | 3,110 | -- | -- | -- | -- | -- | -- |
| Minnesota | 2,370 | 2,341 | 1.3 | 2,290 | 2,256 | NM | 4 | -- | -- | NM | 82 |
| Missouri | 5,206 | 5,961 | -12.7 | 5,184 | 5,934 | -- | -- | 8 | 14 | NM | 14 |
| Nebraska | 1,462 | 1,761 | -16.9 | 1,458 | 1,759 | -- | -- | -- | -- | NM | 2 |
| North Dakota | 2,643 | 2,277 | 16.1 | 2,633 | 2,266 | -- | -- | -- | -- | NM | 11 |
| South Dakota | 298 | 12 | NM | 298 | 12 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **30,365** | **34,489** | **-12.0** | **24,870** | **29,075** | **5,218** | **5,100** | **3** | **8** | **273** | **306** |
| Delaware | 509 | 543 | -6.2 | -- | -- | 501 | 535 | -- | -- | NM | 8 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 4,666 | 5,208 | -10.4 | 4,330 | 4,875 | 318 | 307 | -- | -- | NM | 26 |
| Georgia | 5,864 | 6,939 | -15.5 | 5,796 | 6,871 | -- | -- | -- | -- | 68 | 68 |
| Maryland | 1,891 | 2,333 | -18.9 | -- | -- | 1,870 | 2,309 | -- | -- | 21 | 24 |
| North Carolina | 5,782 | 6,262 | -7.7 | 5,563 | 6,032 | NM | 188 | 3 | 8 | NM | 35 |
| South Carolina | 3,049 | 3,540 | -13.9 | 3,028 | 3,514 | NM | -- | -- | -- | 21 | 27 |
| Virginia | 2,325 | 2,717 | -14.4 | 1,920 | 2,296 | 331 | 345 | NM | -- | 74 | 76 |
| West Virginia | 6,278 | 6,947 | -9.6 | 4,233 | 5,488 | 2,006 | 1,416 | -- | -- | 39 | 43 |
| **East South Central** | **18,735** | **18,615** | **.6** | **17,691** | **17,702** | **886** | **783** | **NM** | **1** | **156** | **130** |
| Alabama | 5,639 | 5,546 | 1.7 | 5,606 | 5,513 | 16 | 15 | -- | -- | NM | 18 |
| Kentucky | 7,871 | 6,978 | 12.8 | 7,102 | 6,308 | 769 | 671 | -- | -- | -- | -- |
| Mississippi | 880 | 1,081 | -18.6 | 778 | 984 | 102 | 97 | -- | -- | NM | -- |
| Tennessee | 4,345 | 5,010 | -13.3 | 4,205 | 4,897 | -- | -- | NM | 1 | 138 | 112 |
| **West South Central** | **18,222** | **18,280** | **-.3** | **10,245** | **9,984** | **7,931** | **8,247** | **--** | **--** | **NM** | **48** |
| Arkansas | 2,453 | 1,752 | 40.0 | 2,445 | 1,745 | -- | -- | -- | -- | NM | 7 |
| Louisiana | 1,804 | 1,867 | -3.4 | 721 | 1,083 | 1,083 | 781 | -- | -- | NM | 3 |
| Oklahoma | 2,920 | 2,528 | 15.5 | 2,705 | 2,267 | 178 | 222 | -- | -- | NM | 38 |
| Texas | 11,044 | 12,133 | -9.0 | 4,374 | 4,889 | 6,670 | 7,244 | -- | -- | -- | -- |
| **Mountain** | **17,687** | **17,459** | **1.3** | **15,749** | **15,686** | **1,886** | **1,711** | **--** | **--** | **NM** | **62** |
| Arizona | 3,477 | 3,447 | .9 | 3,450 | 3,410 | -- | -- | -- | -- | NM | 36 |
| Colorado | 2,729 | 2,951 | -7.5 | 2,712 | 2,935 | NM | 16 | -- | -- | -- | -- |
| Idaho | NM | 8 | -- | -- | -- | -- | -- | -- | -- | NM | 8 |
| Montana | 1,619 | 1,623 | -.2 | NM | 27 | 1,590 | 1,596 | -- | -- | -- | -- |
| Nevada | 738 | 634 | 16.3 | 601 | 634 | 137 | -- | -- | -- | -- | -- |
| New Mexico | 2,473 | 2,179 | 13.5 | 2,473 | 2,179 | -- | -- | -- | -- | -- | -- |
| Utah | 3,146 | 2,856 | 10.2 | 3,114 | 2,818 | NM | 38 | -- | -- | -- | -- |
| Wyoming | 3,499 | 3,760 | -7.0 | 3,370 | 3,682 | NM | 61 | -- | -- | NM | 17 |
| **Pacific Contiguous** | **1,464** | **1,406** | **4.2** | **404** | **421** | **1,021** | **945** | **--** | **--** | **39** | **40** |
| California | 184 | 178 | 3.3 | -- | -- | 148 | 142 | -- | -- | 36 | 36 |
| Oregon | 404 | 421 | -4.0 | 404 | 421 | -- | -- | -- | -- | -- | -- |
| Washington | 876 | 807 | 8.6 | -- | -- | 873 | 803 | -- | -- | 3 | 4 |
| **Pacific Noncontiguous** | **191** | **148** | **28.6** | **18** | **17** | **154** | **110** | **19** | **21** | **--** | **--** |
| Alaska | 52 | 57 | -8.6 | 18 | 17 | NM | 19 | 19 | 21 | -- | -- |
| Hawaii | 139 | 91 | 52.1 | -- | -- | 139 | 91 | -- | -- | -- | -- |
| **U.S. Total** | **155,002** | **159,382** | **-2.7** | **113,340** | **118,379** | **40,332** | **39,557** | **102** | **115** | **1,227** | **1,332** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.7.B. Net Generation from Coal by State by Sector, Year-to-Date through November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **17,073** | **18,457** | **-7.5** | **3,089** | **3,547** | **13,758** | **14,660** | **--** | **--** | **NM** | **250** |
| Connecticut | 4,082 | 3,445 | 18.5 | -- | -- | 4,082 | 3,445 | -- | -- | -- | -- |
| Maine | 328 | 337 | -2.8 | -- | -- | 152 | 131 | -- | -- | 176 | 206 |
| Massachusetts | 9,574 | 11,128 | -14.0 | -- | -- | 9,524 | 11,085 | -- | -- | NM | 43 |
| New Hampshire | 3,089 | 3,547 | -12.9 | 3,089 | 3,547 | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **136,385** | **141,123** | **-3.4** | **NM** | **1,276** | **133,700** | **138,269** | **NM** | **22** | **1,544** | **1,555** |
| New Jersey | 8,514 | 9,218 | -7.6 | NM | 44 | 7,981 | 9,174 | -- | -- | -- | -- |
| New York | 18,624 | 19,566 | -4.8 | NM | 1,232 | 17,585 | 17,825 | 19 | 18 | 440 | 490 |
| Pennsylvania | 109,247 | 112,339 | -2.8 | -- | -- | 108,134 | 111,270 | NM | 4 | NM | 1,065 |
| **East North Central** | **421,339** | **422,818** | **-.3** | **296,346** | **302,757** | **120,572** | **115,387** | **483** | **573** | **3,938** | **4,101** |
| Illinois | 88,169 | 86,980 | 1.4 | 3,135 | 8,421 | 82,935 | 76,332 | 38 | 95 | 2,061 | 2,132 |
| Indiana | 111,411 | 112,350 | -.8 | 104,347 | 105,219 | 6,868 | 6,931 | 145 | 152 | NM | 48 |
| Michigan | 63,600 | 64,973 | -2.1 | 62,474 | 63,697 | NM | 490 | 257 | 281 | 412 | 505 |
| Ohio | 119,709 | 122,015 | -1.9 | 89,104 | 90,116 | 30,197 | 31,583 | -- | -- | NM | 317 |
| Wisconsin | 38,450 | 36,500 | 5.3 | 37,286 | 35,304 | NM | 52 | NM | 44 | 1,006 | 1,100 |
| **West North Central** | **215,391** | **212,074** | **1.6** | **212,769** | **209,359** | **NM** | **26** | **372** | **362** | **2,220** | **2,327** |
| Iowa | 37,548 | 34,627 | 8.4 | 36,317 | 33,247 | -- | -- | 222 | 194 | 1,010 | 1,187 |
| Kansas | 31,037 | 32,999 | -5.9 | 31,037 | 32,999 | -- | -- | -- | -- | -- | -- |
| Minnesota | 29,362 | 29,217 | .5 | 28,434 | 28,319 | NM | 26 | -- | -- | NM | 871 |
| Missouri | 67,803 | 68,533 | -1.1 | 67,498 | 68,222 | -- | -- | 151 | 167 | NM | 144 |
| Nebraska | 19,573 | 17,639 | 11.0 | 19,526 | 17,623 | -- | -- | -- | -- | NM | 16 |
| North Dakota | 26,730 | 26,462 | 1.0 | 26,619 | 26,352 | -- | -- | -- | -- | NM | 109 |
| South Dakota | 3,339 | 2,597 | 28.6 | 3,339 | 2,597 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **389,142** | **404,979** | **-3.9** | **323,559** | **337,072** | **61,979** | **64,638** | **72** | **50** | **3,533** | **3,218** |
| Delaware | 4,828 | 5,086 | -5.1 | -- | -- | 4,733 | 4,999 | -- | -- | NM | 87 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 59,891 | 61,933 | -3.3 | 55,320 | 57,174 | 4,314 | 4,516 | -- | -- | NM | 243 |
| Georgia | 79,041 | 82,968 | -4.7 | 78,183 | 82,268 | -- | -- | -- | -- | 858 | 700 |
| Maryland | 24,747 | 27,061 | -8.6 | -- | -- | 24,530 | 26,806 | -- | -- | 216 | 255 |
| North Carolina | 70,429 | 73,608 | -4.3 | 67,141 | 70,533 | NM | 2,642 | 72 | 50 | NM | 383 |
| South Carolina | 38,907 | 37,783 | 3.0 | 38,568 | 37,494 | NM | -- | -- | -- | 339 | 290 |
| Virginia | 29,110 | 32,464 | -10.3 | 23,444 | 26,961 | 4,703 | 4,764 | NM | -- | 963 | 739 |
| West Virginia | 82,189 | 84,074 | -2.2 | 60,902 | 62,642 | 20,806 | 20,911 | -- | -- | 480 | 521 |
| **East South Central** | **221,185** | **225,900** | **-2.1** | **209,008** | **213,686** | **10,414** | **10,736** | **NM** | **41** | **1,730** | **1,437** |
| Alabama | 68,602 | 71,749 | -4.4 | 68,228 | 71,370 | 156 | 176 | -- | -- | NM | 204 |
| Kentucky | 83,769 | 82,835 | 1.1 | 75,936 | 74,971 | 7,833 | 7,864 | -- | -- | -- | -- |
| Mississippi | 15,417 | 16,037 | -3.9 | 12,983 | 13,338 | 2,425 | 2,696 | -- | -- | NM | 3 |
| Tennessee | 53,397 | 55,279 | -3.4 | 51,861 | 54,007 | -- | -- | NM | 41 | 1,503 | 1,230 |
| **West South Central** | **214,217** | **209,352** | **2.3** | **122,054** | **117,405** | **91,447** | **91,416** | **--** | **--** | **NM** | **531** |
| Arkansas | 23,636 | 23,166 | 2.0 | 23,527 | 23,075 | -- | -- | -- | -- | NM | 92 |
| Louisiana | 21,679 | 20,827 | 4.1 | 10,164 | 9,507 | 11,493 | 11,276 | -- | -- | NM | 44 |
| Oklahoma | 34,034 | 31,384 | 8.4 | 31,435 | 28,822 | 2,013 | 2,167 | -- | -- | NM | 395 |
| Texas | 134,868 | 133,975 | .7 | 56,928 | 56,002 | 77,940 | 77,973 | -- | -- | -- | -- |
| **Mountain** | **193,624** | **192,258** | **.7** | **173,738** | **173,116** | **18,387** | **17,665** | **--** | **--** | **NM** | **1,477** |
| Arizona | 39,803 | 37,635 | 5.8 | 39,441 | 37,291 | -- | -- | -- | -- | NM | 344 |
| Colorado | 31,751 | 32,753 | -3.1 | 31,564 | 32,555 | NM | 198 | -- | -- | -- | -- |
| Idaho | NM | 76 | -- | -- | -- | -- | -- | -- | -- | NM | 76 |
| Montana | 16,770 | 16,739 | .2 | NM | 282 | 16,423 | 16,457 | -- | -- | -- | -- |
| Nevada | 6,471 | 6,450 | .3 | 6,185 | 6,450 | 285 | -- | -- | -- | -- | -- |
| New Mexico | 24,461 | 25,496 | -4.1 | 24,461 | 25,496 | -- | -- | -- | -- | -- | -- |
| Utah | 34,850 | 33,890 | 2.8 | 33,635 | 32,669 | NM | 365 | -- | -- | 844 | 856 |
| Wyoming | 39,440 | 39,220 | .6 | 38,105 | 38,374 | NM | 645 | -- | -- | NM | 201 |
| **Pacific Contiguous** | **13,486** | **13,652** | **-1.2** | **3,627** | **3,920** | **9,438** | **9,283** | **--** | **--** | **421** | **449** |
| California | 2,065 | 2,098 | -1.6 | -- | -- | 1,679 | 1,683 | -- | -- | 386 | 415 |
| Oregon | 3,627 | 3,920 | -7.5 | 3,627 | 3,920 | -- | -- | -- | -- | -- | -- |
| Washington | 7,794 | 7,634 | 2.1 | -- | -- | 7,759 | 7,600 | -- | -- | 35 | 34 |
| **Pacific Noncontiguous** | **NM** | **2,014** | **--** | **202** | **195** | **NM** | **1,614** | **417** | **205** | **--** | **--** |
| Alaska | 794 | 581 | 36.7 | 202 | 195 | NM | 181 | 417 | 205 | -- | -- |
| Hawaii | NM | 1,433 | -- | -- | -- | NM | 1,433 | -- | -- | -- | -- |
| **U.S. Total** | **1,824,137** | **1,842,626** | **-1.0** | **1,345,504** | **1,362,333** | **461,401** | **463,696** | **1,406** | **1,253** | **15,826** | **15,344** |

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.8.A. Net Generation from Petroleum Liquids by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **195** | **183** | **6.1** | **NM** | **2** | **164** | **154** | **NM** | **1** | **NM** | **27** |
| Connecticut | NM | 13 | -- | * | * | NM | 13 | NM | * | NM | 1 |
| Maine | 32 | 28 | 12.6 | NM | * | 16 | 3 | NM | * | NM | 25 |
| Massachusetts | 141 | 141 | .5 | 2 | 1 | 132 | 138 | NM | 1 | NM | 1 |
| New Hampshire | NM | * | -- | * | * | NM | * | NM | * | NM | * |
| Rhode Island | NM | * | -- | NM | * | NM | -- | NM | * | -- | * |
| Vermont | NM | * | -- | NM | * | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **374** | **152** | **146.3** | **279** | **86** | **79** | **50** | **NM** | **3** | **NM** | **13** |
| New Jersey | 14 | 9 | 57.8 | NM | * | 13 | 9 | NM | * | NM | * |
| New York | NM | 113 | -- | NM | 86 | NM | 13 | NM | 3 | 9 | 12 |
| Pennsylvania | 38 | 30 | 27.7 | NM | -- | 33 | 28 | NM | * | NM | 1 |
| **East North Central** | **67** | **67** | **.5** | **47** | **49** | **15** | **13** | **NM** | ***** | **NM** | **5** |
| Illinois | 13 | 15 | -13.6 | NM | 7 | 12 | 7 | NM | * | NM | * |
| Indiana | 15 | 13 | 13.0 | 14 | 12 | NM | * | NM | * | NM | 1 |
| Michigan | NM | 10 | -- | NM | 8 | NM | * | * | * | NM | 2 |
| Ohio | 21 | 22 | -4.4 | 17 | 16 | NM | 5 | -- | -- | NM | * |
| Wisconsin | NM | 7 | -- | NM | 6 | NM | * | NM | -- | NM | 1 |
| **West North Central** | **19** | **46** | **-58.2** | **16** | **45** | **3** | ***** | **NM** | ***** | **NM** | ***** |
| Iowa | NM | 9 | -- | NM | 9 | NM | * | * | * | NM | * |
| Kansas | NM | 5 | -- | NM | 5 | -- | -- | NM | -- | -- | -- |
| Minnesota | 8 | 15 | -46.6 | 5 | 15 | 3 | * | NM | * | NM | * |
| Missouri | 1 | 5 | -78.1 | 1 | 5 | -- | -- | -- | * | -- | * |
| Nebraska | NM | 3 | -- | NM | 3 | -- | -- | -- | * | -- | -- |
| North Dakota | NM | 4 | -- | NM | 4 | -- | -- | -- | * | NM | * |
| South Dakota | NM | 5 | -- | NM | 5 | -- | * | -- | -- | -- | -- |
| **South Atlantic** | **661** | **652** | **1.4** | **591** | **570** | **36** | **21** | **NM** | ***** | **34** | **60** |
| Delaware | NM | 8 | -- | -- | * | NM | 3 | -- | -- | NM | 5 |
| District of Columbia | -- | -1 | -- | -- | -- | -- | -1 | -- | -- | -- | -- |
| Florida | 357 | 545 | -34.5 | 346 | 529 | NM | * | NM | -- | NM | 16 |
| Georgia | 22 | 17 | 27.6 | 8 | 7 | NM | * | NM | * | 13 | 10 |
| Maryland | 15 | 17 | -8.1 | NM | * | 13 | 16 | NM | * | NM | -- |
| North Carolina | 36 | 28 | 30.5 | 29 | 9 | NM | * | NM | * | NM | 18 |
| South Carolina | NM | 11 | -- | NM | 7 | NM | -- | NM | * | 1 | 4 |
| Virginia | 213 | 16 | NM | 194 | 7 | 15 | 3 | -- | * | 4 | 7 |
| West Virginia | 8 | 11 | -24.2 | 8 | 11 | -- | -- | -- | -- | -- | -- |
| **East South Central** | **22** | **34** | **-35.4** | **17** | **23** | **NM** | **4** | **--** | **--** | **NM** | **7** |
| Alabama | 11 | 8 | 37.4 | 7 | 3 | NM | * | -- | -- | NM | 5 |
| Kentucky | NM | 14 | -- | 8 | 10 | NM | 4 | -- | -- | -- | -- |
| Mississippi | NM | 1 | -- | NM | 1 | -- | -- | -- | -- | NM | * |
| Tennessee | 1 | 11 | -91.0 | 1 | 9 | -- | -- | -- | -- | NM | 2 |
| **West South Central** | **26** | **27** | **-2.1** | **16** | **17** | **4** | **7** | **NM** | ***** | **NM** | **3** |
| Arkansas | 8 | 7 | 27.1 | 8 | 6 | -- | -- | -- | -- | 1 | 1 |
| Louisiana | 7 | 5 | 34.1 | 4 | * | 2 | 4 | -- | -- | NM | 1 |
| Oklahoma | NM | 8 | -- | NM | 8 | -- | -- | NM | * | NM | 1 |
| Texas | NM | 7 | -- | 3 | 3 | 3 | 3 | NM | * | NM | 1 |
| **Mountain** | **19** | **25** | **-24.5** | **16** | **24** | **NM** | **1** | **NM** | ***** | **NM** | ***** |
| Arizona | 4 | 3 | 30.3 | 4 | 3 | -- | -- | NM | * | NM | * |
| Colorado | NM | 1 | -- | NM | 1 | * | * | * | -- | NM | * |
| Idaho | -- | * | -- | NM | * | -- | -- | -- | -- | -- | -- |
| Montana | NM | 1 | -- | NM | * | NM | 1 | -- | -- | -- | -- |
| Nevada | NM | 1 | -- | NM | 1 | * | * | -- | -- | -- | -- |
| New Mexico | NM | 11 | -- | NM | 11 | NM | * | -- | -- | NM | -- |
| Utah | NM | 4 | -- | NM | 4 | NM | * | -- | -- | -- | -- |
| Wyoming | NM | 4 | -- | 4 | 4 | NM | * | -- | -- | NM | * |
| **Pacific Contiguous** | **NM** | **10** | **--** | **NM** | **5** | **NM** | **2** | **NM** | ***** | **NM** | **3** |
| California | NM | 5 | -- | NM | 4 | NM | 1 | NM | * | NM | * |
| Oregon | NM | 1 | -- | NM | 1 | -- | -- | -- | -- | NM | * |
| Washington | NM | 4 | -- | NM | * | 1 | 1 | * | * | NM | 2 |
| **Pacific Noncontiguous** | **706** | **806** | **-12.4** | **547** | **630** | **147** | **160** | **NM** | ***** | **NM** | **16** |
| Alaska | 63 | 80 | -21.0 | 60 | 69 | -- | 7 | NM | * | NM | 4 |
| Hawaii | 642 | 725 | -11.5 | 487 | 561 | 147 | 153 | * | * | NM | 12 |
| **U.S. Total** | **2,097** | **2,001** | **4.8** | **1,539** | **1,452** | **454** | **411** | **9** | **5** | **96** | **133** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.8.B. Net Generation from Petroleum Liquids by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **2,985** | **4,984** | **-40.1** | **NM** | **341** | **2,439** | **4,114** | **NM** | **59** | **338** | **470** |
| Connecticut | NM | 1,135 | -- | NM | 2 | NM | 1,118 | NM | * | NM | 15 |
| Maine | 387 | 699 | -44.7 | NM | 1 | NM | 313 | NM | 2 | 246 | 382 |
| Massachusetts | 1,868 | 2,797 | -33.2 | NM | 54 | 1,762 | 2,652 | NM | 22 | NM | 69 |
| New Hampshire | NM | 318 | -- | NM | 267 | NM | 26 | NM | 22 | NM | 3 |
| Rhode Island | NM | 28 | -- | NM | 10 | NM | 5 | NM | 13 | * | 1 |
| Vermont | NM | 7 | -- | NM | 7 | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **3,584** | **9,153** | **-60.8** | **1,511** | **4,161** | **1,902** | **4,721** | **NM** | **79** | **NM** | **193** |
| New Jersey | 306 | 445 | -31.1 | NM | 9 | 282 | 433 | NM | 2 | NM | 1 |
| New York | 2,556 | 7,477 | -65.8 | 1,486 | 4,152 | 947 | 3,096 | NM | 73 | 100 | 156 |
| Pennsylvania | 722 | 1,232 | -41.4 | NM | -- | 672 | 1,192 | NM | 4 | NM | 36 |
| **East North Central** | **979** | **1,135** | **-13.8** | **751** | **886** | **171** | **167** | **7** | **2** | **NM** | **80** |
| Illinois | 147 | 120 | 22.7 | NM | 24 | 122 | 95 | NM | 1 | NM | * |
| Indiana | 165 | 151 | 8.8 | 154 | 137 | NM | * | NM | 1 | NM | 13 |
| Michigan | 317 | 438 | -27.5 | 294 | 405 | NM | * | NM | * | NM | 32 |
| Ohio | 271 | 274 | -1.2 | 220 | 204 | NM | 64 | -- | -- | NM | 6 |
| Wisconsin | NM | 152 | -- | NM | 116 | NM | 6 | NM | * | NM | 30 |
| **West North Central** | **382** | **615** | **-37.8** | **369** | **566** | **NM** | **38** | **NM** | **6** | **NM** | **5** |
| Iowa | NM | 168 | -- | NM | 162 | NM | 5 | NM | * | NM | * |
| Kansas | 45 | 37 | 20.3 | 45 | 37 | -- | -- | NM | -- | -- | -- |
| Minnesota | NM | 224 | -- | NM | 185 | 4 | 32 | NM | 5 | NM | 1 |
| Missouri | NM | 54 | -- | NM | 53 | -- | -- | * | * | -- | * |
| Nebraska | 37 | 35 | 4.9 | 37 | 35 | -- | -- | -- | * | -- | -- |
| North Dakota | 43 | 43 | .4 | 41 | 40 | -- | -- | -- | * | NM | 3 |
| South Dakota | NM | 55 | -- | NM | 54 | -- | * | -- | -- | -- | -- |
| **South Atlantic** | **10,785** | **19,649** | **-45.1** | **9,608** | **17,228** | **738** | **1,661** | **NM** | **7** | **436** | **752** |
| Delaware | NM | 228 | -- | * | 4 | NM | 194 | -- | -- | NM | 30 |
| District of Columbia | 72 | 76 | -4.6 | -- | -- | 72 | 76 | -- | -- | -- | -- |
| Florida | 8,496 | 15,293 | -44.4 | 8,361 | 14,947 | NM | 165 | NM | -- | NM | 181 |
| Georgia | 195 | 214 | -8.8 | 58 | 76 | NM | 2 | NM | 4 | 130 | 132 |
| Maryland | 374 | 929 | -59.8 | NM | 22 | 347 | 886 | NM | * | NM | 21 |
| North Carolina | 286 | 458 | -37.7 | 203 | 214 | NM | 7 | NM | 1 | NM | 237 |
| South Carolina | 113 | 208 | -45.5 | 95 | 168 | NM | * | NM | 1 | 17 | 38 |
| Virginia | 939 | 2,063 | -54.5 | 755 | 1,640 | NM | 326 | -- | 2 | 33 | 95 |
| West Virginia | 127 | 179 | -29.2 | 127 | 157 | * | 5 | -- | -- | -- | 17 |
| **East South Central** | **510** | **849** | **-40.0** | **420** | **683** | **NM** | **26** | **--** | **--** | **NM** | **141** |
| Alabama | 153 | 142 | 8.0 | 91 | 65 | 14 | 3 | -- | -- | NM | 74 |
| Kentucky | 108 | 106 | 2.5 | 88 | 83 | NM | 22 | -- | -- | -- | -- |
| Mississippi | 75 | 399 | -81.3 | 70 | 397 | -- | -- | -- | -- | NM | 2 |
| Tennessee | 173 | 203 | -14.5 | 171 | 137 | -- | -- | -- | -- | NM | 66 |
| **West South Central** | **478** | **697** | **-31.4** | **303** | **496** | **97** | **87** | **NM** | **1** | **NM** | **114** |
| Arkansas | 40 | 90 | -55.0 | 35 | 73 | -- | -- | -- | -- | 5 | 16 |
| Louisiana | 262 | 278 | -5.8 | 220 | 226 | 13 | 15 | -- | -- | NM | 37 |
| Oklahoma | NM | 158 | -- | 13 | 137 | -- | -- | NM | * | NM | 21 |
| Texas | 137 | 172 | -20.2 | 35 | 59 | 85 | 72 | NM | 1 | NM | 40 |
| **Mountain** | **239** | **213** | **12.1** | **177** | **181** | **NM** | **29** | **NM** | ***** | **NM** | **3** |
| Arizona | 49 | 44 | 12.4 | 48 | 41 | -- | -- | NM | * | NM | 2 |
| Colorado | NM | 27 | -- | NM | 13 | 22 | 14 | * | -- | NM | * |
| Idaho | * | * | 50.0 | NM | * | -- | -- | -- | -- | -- | -- |
| Montana | NM | 15 | -- | NM | 1 | 13 | 13 | -- | -- | -- | -- |
| Nevada | 12 | 10 | 23.9 | 11 | 10 | 1 | * | -- | -- | -- | -- |
| New Mexico | 41 | 40 | 2.3 | 40 | 38 | NM | 1 | -- | -- | NM | * |
| Utah | NM | 37 | -- | 23 | 36 | NM | * | -- | -- | -- | -- |
| Wyoming | NM | 42 | -- | NM | 41 | NM | * | -- | -- | NM | 1 |
| **Pacific Contiguous** | **144** | **314** | **-54.2** | **NM** | **64** | **NM** | **53** | **NM** | ***** | **45** | **197** |
| California | 101 | 268 | -62.4 | 53 | 56 | NM | 45 | NM | * | NM | 168 |
| Oregon | NM | 14 | -- | NM | 5 | -- | -- | -- | * | NM | 9 |
| Washington | NM | 32 | -- | NM | 3 | 10 | 9 | NM | -1 | NM | 21 |
| **Pacific Noncontiguous** | **8,304** | **9,091** | **-8.7** | **6,666** | **7,107** | **1,480** | **1,754** | **NM** | **10** | **NM** | **220** |
| Alaska | 689 | 894 | -23.0 | 654 | 753 | -- | 79 | NM | 9 | NM | 53 |
| Hawaii | 7,616 | 8,197 | -7.1 | 6,012 | 6,353 | 1,480 | 1,675 | 1 | 1 | NM | 166 |
| **U.S. Total** | **28,390** | **46,702** | **-39.2** | **20,036** | **31,712** | **6,959** | **12,650** | **91** | **164** | **1,304** | **2,175** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.9.A. Net Generation from Petroleum Coke by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **NM** | **25** | **--** | **--** | **--** | **18** | **11** | **--** | **--** | **NM** | **15** |
| New Jersey | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New York | 18 | 11 | 66.7 | -- | -- | 18 | 11 | -- | -- | -- | -- |
| Pennsylvania | NM | 15 | -- | -- | -- | NM | -- | -- | -- | NM | 15 |
| **East North Central** | **156** | **146** | **6.5** | **41** | **47** | **98** | **71** | **--** | **--** | **NM** | **29** |
| Illinois | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 7 | 21 | -67.8 | -- | 3 | 7 | 6 | -- | -- | -- | 11 |
| Ohio | 92 | 65 | 42.9 | -- | -- | 91 | 65 | -- | -- | NM | * |
| Wisconsin | 57 | 61 | -7.0 | 41 | 44 | -- | -- | -- | -- | 16 | 17 |
| **West North Central** | **16** | **42** | **-61.6** | **15** | **41** | **--** | **--** | **1** | **1** | **--** | **--** |
| Iowa | 1 | 13 | -91.8 | * | 12 | -- | -- | 1 | 1 | -- | -- |
| Kansas | 5 | 14 | -66.5 | 5 | 14 | -- | -- | -- | -- | -- | -- |
| Minnesota | 11 | 16 | -32.7 | 11 | 16 | -- | -- | -- | -- | -- | -- |
| Missouri | -- | * | -- | -- | * | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **357** | **208** | **71.8** | **324** | **164** | **--** | **--** | **--** | **--** | **32** | **44** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 324 | 164 | 97.9 | 324 | 164 | -- | -- | -- | -- | -- | -- |
| Georgia | 32 | 44 | -25.9 | -- | -- | -- | -- | -- | -- | 32 | 44 |
| Maryland | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **203** | **228** | **-11.1** | **--** | **--** | **203** | **228** | **--** | **--** | **--** | **--** |
| Alabama | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | 203 | 228 | -11.1 | -- | -- | 203 | 228 | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West South Central** | **151** | **269** | **-43.6** | **136** | **152** | **--** | **80** | **--** | **--** | **NM** | **37** |
| Arkansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 145 | 176 | -17.7 | 136 | 152 | -- | -- | -- | -- | NM | 24 |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Texas | NM | 93 | -- | -- | -- | -- | 80 | -- | -- | NM | 13 |
| **Mountain** | **41** | **41** | **1.3** | **--** | **--** | **41** | **41** | **--** | **--** | **--** | **--** |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | 41 | 41 | 1.3 | -- | -- | 41 | 41 | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **120** | **176** | **-31.6** | **--** | **--** | **109** | **138** | **--** | **--** | **NM** | **38** |
| California | 120 | 176 | -31.6 | -- | -- | 109 | 138 | -- | -- | NM | 38 |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **1,075** | **1,135** | **-5.3** | **516** | **404** | **469** | **568** | **1** | **1** | **89** | **162** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.9.B. Net Generation from Petroleum Coke by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **NM** | **404** | -- | -- | -- | **NM** | **242** | -- | -- | **NM** | **162** |
| New Jersey | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New York | NM | 242 | -- | -- | -- | NM | 242 | -- | -- | -- | -- |
| Pennsylvania | NM | 162 | -- | -- | -- | NM | -- | -- | -- | NM | 162 |
| **East North Central** | **1,790** | **1,761** | **1.7** | **527** | **574** | **1,017** | **825** | -- | -- | **246** | **361** |
| Illinois | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 69 | 227 | -69.7 | -- | 21 | 69 | 75 | -- | -- | -- | 131 |
| Ohio | 966 | 753 | 28.3 | -- | -- | 948 | 751 | -- | -- | NM | 2 |
| Wisconsin | 755 | 781 | -3.3 | 527 | 554 | -- | -- | -- | -- | 228 | 228 |
| **West North Central** | **263** | **426** | **-38.3** | **258** | **417** | -- | -- | **5** | **8** | -- | -- |
| Iowa | 80 | 122 | -34.4 | 75 | 113 | -- | -- | 5 | 8 | -- | -- |
| Kansas | 68 | 150 | -54.4 | 68 | 150 | -- | -- | -- | -- | -- | -- |
| Minnesota | 115 | 154 | -25.7 | 115 | 154 | -- | -- | -- | -- | -- | -- |
| Missouri | -- | * | -- | -- | * | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **3,549** | **4,740** | **-25.1** | **3,113** | **4,230** | -- | -- | -- | -- | **436** | **510** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3,062 | 4,230 | -27.6 | 3,062 | 4,230 | -- | -- | -- | -- | -- | -- |
| Georgia | 436 | 510 | -14.5 | -- | -- | -- | -- | -- | -- | 436 | 510 |
| Maryland | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | 52 | -- | -- | 52 | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **2,528** | **2,392** | **5.7** | -- | -- | **2,528** | **2,392** | -- | -- | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | 2,528 | 2,392 | 5.7 | -- | -- | 2,528 | 2,392 | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West South Central** | **2,508** | **2,798** | **-10.3** | **1,521** | **1,593** | **797** | **877** | -- | -- | **NM** | **327** |
| Arkansas | NM | -- | -- | -- | -- | -- | -- | -- | -- | NM | -- |
| Louisiana | 1,618 | 1,788 | -9.5 | 1,521 | 1,593 | -- | -- | -- | -- | NM | 194 |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Texas | 890 | 1,010 | -11.9 | -- | -- | 797 | 877 | -- | -- | NM | 133 |
| **Mountain** | **352** | **417** | **-15.5** | -- | -- | **352** | **417** | -- | -- | -- | -- |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | 352 | 417 | -15.5 | -- | -- | 352 | 417 | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **1,309** | **1,886** | **-30.6** | -- | -- | **1,175** | **1,511** | -- | -- | **NM** | **374** |
| California | 1,309 | 1,886 | -30.6 | -- | -- | 1,175 | 1,511 | -- | -- | NM | 374 |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **12,600** | **14,822** | **-15.0** | **5,419** | **6,815** | **6,020** | **6,265** | **5** | **8** | **1,156** | **1,734** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.10.A. Net Generation from Natural Gas by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **4,256** | **4,119** | **3.3** | **NM** | **4** | **4,058** | **3,896** | **34** | **40** | **162** | **180** |
| Connecticut | 570 | 671 | -15.1 | * | 2 | 550 | 656 | NM | 3 | NM | 10 |
| Maine | 686 | 473 | 45.1 | -- | -- | 559 | 326 | NM | * | 127 | 147 |
| Massachusetts | 1,915 | 2,094 | -8.6 | NM | 2 | 1,875 | 2,045 | 27 | 34 | NM | 14 |
| New Hampshire | 630 | 418 | 50.7 | * | * | 622 | 410 | -- | -- | NM | 8 |
| Rhode Island | 455 | 463 | -1.6 | -- | -- | 452 | 460 | NM | 3 | -- | -- |
| Vermont | * | * | 254.6 | * | * | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **6,186** | **5,293** | **16.9** | **1,075** | **969** | **4,943** | **4,178** | **54** | **49** | **NM** | **97** |
| New Jersey | 1,485 | 1,356 | 9.5 | NM | 1 | 1,429 | 1,306 | NM | 6 | NM | 43 |
| New York | 3,418 | 2,955 | 15.7 | 1,072 | 968 | 2,291 | 1,935 | 32 | 30 | 23 | 22 |
| Pennsylvania | 1,284 | 982 | 30.7 | NM | -- | 1,224 | 936 | NM | 14 | NM | 32 |
| **East North Central** | **1,151** | **1,564** | **-26.4** | **133** | **258** | **909** | **1,215** | **38** | **33** | **70** | **58** |
| Illinois | 174 | 276 | -36.9 | NM | 44 | 115 | 186 | 33 | 26 | NM | 19 |
| Indiana | 187 | 152 | 23.1 | NM | 18 | 133 | 116 | NM | 1 | 30 | 16 |
| Michigan | 434 | 726 | -40.3 | 31 | 33 | 395 | 687 | NM | 1 | NM | 6 |
| Ohio | 116 | 100 | 16.4 | NM | 13 | 109 | 84 | -- | -- | NM | 3 |
| Wisconsin | 239 | 310 | -22.7 | 64 | 150 | 157 | 142 | NM | 5 | NM | 14 |
| **West North Central** | **1,173** | **934** | **25.7** | **1,039** | **757** | **124** | **163** | **NM** | **6** | **NM** | **6** |
| Iowa | 182 | 166 | 9.4 | 181 | 166 | NM | * | NM | 1 | * | -- |
| Kansas | 210 | 55 | 281.4 | 209 | 55 | -- | -- | NM | -- | NM | * |
| Minnesota | 155 | 337 | -54.1 | 67 | 239 | 80 | 88 | NM | 6 | NM | 4 |
| Missouri | 547 | 330 | 65.8 | 503 | 254 | 44 | 76 | * | * | NM | * |
| Nebraska | 74 | 10 | 612.9 | 74 | 10 | NM | * | NM | * | -- | -- |
| North Dakota | NM | 2 | -- | NM | * | -- | -- | -- | -- | NM | 2 |
| South Dakota | NM | 33 | -- | NM | 33 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **9,882** | **8,880** | **11.3** | **8,227** | **7,475** | **1,574** | **1,309** | **NM** | **3** | **78** | **92** |
| Delaware | 88 | 63 | 40.3 | NM | 2 | 82 | 57 | -- | -- | 5 | 4 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 7,159 | 7,536 | -5.0 | 6,481 | 6,679 | 642 | 803 | NM | 2 | 32 | 52 |
| Georgia | 1,172 | 593 | 97.5 | 725 | 440 | 426 | 138 | -- | -- | 21 | 15 |
| Maryland | 175 | 75 | 132.8 | -- | -- | 168 | 65 | NM | * | NM | 10 |
| North Carolina | 346 | 40 | 762.4 | 268 | 36 | 77 | 2 | -- | 1 | NM | 2 |
| South Carolina | 456 | 43 | 969.5 | 374 | 24 | 82 | 18 | NM | * | * | * |
| Virginia | 474 | 508 | -6.8 | 369 | 288 | 93 | 213 | -- | -- | 11 | 7 |
| West Virginia | 13 | 21 | -38.7 | 9 | 7 | NM | 13 | -- | -- | NM | 1 |
| **East South Central** | **3,609** | **2,115** | **70.6** | **1,507** | **961** | **2,023** | **1,066** | **NM** | **7** | **73** | **81** |
| Alabama | 2,104 | 1,247 | 68.7 | 798 | 552 | 1,269 | 648 | -- | -- | 37 | 47 |
| Kentucky | 29 | 55 | -47.1 | 15 | 46 | * | 2 | -- | -- | NM | 7 |
| Mississippi | 1,449 | 797 | 81.8 | 675 | 359 | 753 | 417 | NM | 1 | NM | 21 |
| Tennessee | 27 | 17 | 65.8 | 19 | 3 | -- | -- | NM | 7 | NM | 6 |
| **West South Central** | **17,308** | **18,191** | **-4.9** | **4,197** | **4,545** | **8,973** | **9,078** | **40** | **38** | **4,098** | **4,530** |
| Arkansas | 503 | 412 | 21.9 | NM | 35 | 478 | 361 | NM | * | 14 | 17 |
| Louisiana | 3,158 | 2,989 | 5.7 | 922 | 823 | 472 | 298 | NM | 3 | 1,761 | 1,864 |
| Oklahoma | 2,170 | 1,844 | 17.7 | 1,227 | 1,368 | 931 | 463 | NM | 2 | NM | 11 |
| Texas | 11,478 | 12,946 | -11.3 | 2,037 | 2,319 | 7,091 | 7,956 | 36 | 33 | 2,313 | 2,638 |
| **Mountain** | **6,400** | **6,914** | **-7.4** | **3,201** | **3,528** | **3,116** | **3,310** | **NM** | **13** | **72** | **64** |
| Arizona | 2,279 | 2,979 | -23.5 | 874 | 1,058 | 1,400 | 1,916 | NM | 5 | NM | -- |
| Colorado | 1,054 | 1,155 | -8.8 | 414 | 339 | 637 | 812 | 1 | 2 | NM | 2 |
| Idaho | 107 | 199 | -46.1 | NM | 29 | 104 | 168 | -- | -- | NM | 3 |
| Montana | NM | 8 | -- | NM | 1 | NM | 6 | -- | -- | NM | 1 |
| Nevada | 1,781 | 1,331 | 33.8 | 1,001 | 949 | 755 | 357 | -- | -- | NM | 24 |
| New Mexico | 559 | 482 | 16.0 | 368 | 442 | 186 | 34 | NM | 4 | NM | 1 |
| Utah | 577 | 719 | -19.8 | 539 | 698 | NM | 15 | NM | 2 | NM | 4 |
| Wyoming | 38 | 41 | -7.4 | NM | 10 | NM | 2 | -- | -- | 32 | 29 |
| **Pacific Contiguous** | **11,151** | **12,265** | **-9.1** | **2,549** | **2,807** | **7,440** | **8,159** | **137** | **145** | **1,025** | **1,155** |
| California | 8,989 | 9,870 | -8.9 | 1,731 | 2,012 | 6,165 | 6,624 | 135 | 143 | 958 | 1,091 |
| Oregon | 1,533 | 1,585 | -3.3 | 617 | 590 | 852 | 932 | NM | 1 | 63 | 62 |
| Washington | 629 | 811 | -22.4 | 201 | 204 | 423 | 603 | NM | 1 | 4 | 3 |
| **Pacific Noncontiguous** | **345** | **362** | **-4.6** | **341** | **354** | **--** | **--** | **--** | ***** | **NM** | **7** |
| Alaska | 345 | 362 | -4.6 | 341 | 354 | -- | -- | -- | * | NM | 7 |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **61,461** | **60,637** | **1.4** | **22,273** | **21,658** | **33,160** | **32,373** | **327** | **335** | **5,701** | **6,270** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas includes a small amount of supplemental gaseous fuels.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.10.B. Net Generation from Natural Gas by State by Sector, Year-to-Date through November 2008 and 2007**
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **46,678** | **49,775** | **-6.2** | **NM** | **241** | **44,164** | **47,140** | **485** | **478** | **1,846** | **1,917** |
| Connecticut | 7,571 | 9,215 | -17.8 | 2 | 4 | 7,319 | 9,041 | NM | 40 | NM | 129 |
| Maine | 6,239 | 6,036 | 3.4 | -- | -- | 4,842 | 4,482 | NM | * | 1,396 | 1,553 |
| Massachusetts | 19,855 | 22,973 | -13.6 | NM | 221 | 19,135 | 22,221 | 409 | 404 | NM | 126 |
| New Hampshire | 6,518 | 5,361 | 21.6 | 6 | 14 | 6,415 | 5,240 | -- | -- | NM | 107 |
| Rhode Island | 6,493 | 6,189 | 4.9 | -- | -- | 6,453 | 6,156 | NM | 33 | -- | -- |
| Vermont | 2 | 2 | 40.2 | 2 | 2 | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **77,940** | **77,406** | **.7** | **13,886** | **13,281** | **62,048** | **62,320** | **618** | **529** | **1,388** | **1,276** |
| New Jersey | 19,587 | 17,134 | 14.3 | NM | 16 | 18,894 | 16,567 | NM | 72 | NM | 479 |
| New York | 40,911 | 42,313 | -3.3 | 13,842 | 13,266 | 26,462 | 28,511 | 351 | 295 | 256 | 242 |
| Pennsylvania | 17,442 | 17,959 | -2.9 | NM | -- | 16,692 | 17,241 | NM | 163 | NM | 555 |
| **East North Central** | **23,641** | **32,838** | **-28.0** | **4,767** | **6,589** | **17,636** | **24,848** | **473** | **490** | **765** | **912** |
| Illinois | 3,865 | 7,229 | -46.5 | NM | 678 | 2,890 | 5,752 | 392 | 399 | NM | 400 |
| Indiana | 3,236 | 3,725 | -13.1 | NM | 915 | 2,258 | 2,598 | NM | 13 | 239 | 198 |
| Michigan | 9,233 | 12,106 | -23.7 | 840 | 1,033 | 8,285 | 10,950 | NM | 22 | NM | 100 |
| Ohio | 2,294 | 3,742 | -38.7 | NM | 1,033 | NM | 2,683 | -- | -- | NM | 26 |
| Wisconsin | 5,012 | 6,037 | -17.0 | 2,379 | 2,929 | 2,407 | 2,865 | NM | 55 | NM | 187 |
| **West North Central** | **11,946** | **14,212** | **-15.9** | **9,656** | **11,770** | **2,146** | **2,268** | **NM** | **85** | **NM** | **89** |
| Iowa | 1,945 | 2,717 | -28.4 | 1,938 | 2,712 | NM | * | NM | 5 | 1 | -- |
| Kansas | 2,251 | 2,013 | 11.8 | 2,228 | 2,005 | -- | -- | NM | -- | NM | 8 |
| Minnesota | 2,084 | 3,431 | -39.2 | NM | 1,887 | 910 | 1,414 | NM | 66 | NM | 63 |
| Missouri | 4,783 | 4,625 | 3.4 | 3,544 | 3,761 | 1,234 | 853 | 1 | 9 | NM | 3 |
| Nebraska | 702 | 1,085 | -35.3 | 701 | 1,079 | NM | 2 | NM | 4 | -- | -- |
| North Dakota | NM | 15 | -- | NM | * | -- | -- | -- | -- | NM | 15 |
| South Dakota | NM | 326 | -- | NM | 326 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **130,436** | **133,015** | **-1.9** | **106,149** | **104,052** | **23,132** | **27,628** | **NM** | **49** | **1,097** | **1,286** |
| Delaware | 1,332 | 1,781 | -25.2 | NM | 41 | 1,270 | 1,525 | -- | -- | 44 | 215 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 96,221 | 93,156 | 3.3 | 86,321 | 82,117 | 9,321 | 10,393 | NM | 40 | 525 | 606 |
| Georgia | 12,700 | 15,250 | -16.7 | 7,160 | 8,265 | 5,274 | 6,810 | -- | -- | 267 | 174 |
| Maryland | 1,572 | 2,148 | -26.8 | -- | -- | 1,492 | 2,045 | NM | * | NM | 103 |
| North Carolina | 4,091 | 4,335 | -5.6 | 3,170 | 3,391 | 886 | 912 | 1 | 7 | NM | 25 |
| South Carolina | 5,519 | 5,842 | -5.5 | 4,385 | 4,504 | NM | 1,333 | NM | 1 | 4 | 4 |
| Virginia | 8,844 | 10,140 | -12.8 | 5,049 | 5,607 | 3,656 | 4,398 | -- | -- | 140 | 134 |
| West Virginia | NM | 363 | -- | 48 | 126 | NM | 212 | -- | -- | NM | 25 |
| **East South Central** | **41,010** | **44,297** | **-7.4** | **18,553** | **19,241** | **21,433** | **23,907** | **NM** | **82** | **948** | **1,067** |
| Alabama | 20,459 | 21,733 | -5.9 | 7,739 | 7,544 | 12,191 | 13,673 | -- | -- | 529 | 517 |
| Kentucky | NM | 1,727 | -- | 653 | 1,445 | 111 | 94 | -- | -- | NM | 188 |
| Mississippi | 19,191 | 20,150 | -4.8 | 9,814 | 9,740 | 9,128 | 10,085 | NM | 11 | NM | 314 |
| Tennessee | NM | 687 | -- | 347 | 512 | 2 | 56 | NM | 71 | NM | 48 |
| **West South Central** | **260,625** | **265,869** | **-2.0** | **61,986** | **63,039** | **149,362** | **150,979** | **506** | **471** | **48,771** | **51,380** |
| Arkansas | 8,085 | 8,037 | .6 | NM | 951 | 6,848 | 6,917 | NM | * | 183 | 169 |
| Louisiana | 39,925 | 40,870 | -2.3 | 13,644 | 12,990 | 7,212 | 7,741 | NM | 39 | 19,036 | 20,099 |
| Oklahoma | 31,048 | 30,829 | .7 | 17,891 | 17,667 | 12,995 | 13,041 | NM | 23 | NM | 97 |
| Texas | 181,567 | 186,133 | -2.5 | 29,398 | 31,430 | 122,307 | 123,280 | 443 | 408 | 29,420 | 31,014 |
| **Mountain** | **82,834** | **84,631** | **-2.1** | **42,071** | **42,061** | **39,640** | **41,513** | **NM** | **160** | **966** | **897** |
| Arizona | 34,403 | 35,290 | -2.5 | 13,100 | 13,205 | 21,230 | 22,012 | NM | 61 | NM | 12 |
| Colorado | 12,102 | 13,742 | -11.9 | 4,494 | 4,629 | 7,542 | 9,065 | 39 | 27 | NM | 21 |
| Idaho | 1,488 | 1,445 | 3.0 | NM | 210 | 1,351 | 1,201 | -- | -- | 31 | 34 |
| Montana | NM | 98 | -- | NM | 14 | NM | 75 | -- | -- | NM | 10 |
| Nevada | 21,303 | 20,675 | 3.0 | 12,515 | 12,208 | 8,460 | 8,084 | -- | -- | NM | 383 |
| New Mexico | 6,318 | 6,124 | 3.2 | 5,616 | 5,626 | NM | 428 | NM | 54 | NM | 16 |
| Utah | 6,678 | 6,723 | -.7 | 6,175 | 6,036 | NM | 627 | NM | 18 | NM | 41 |
| Wyoming | 459 | 533 | -14.0 | NM | 133 | NM | 21 | -- | -- | 373 | 380 |
| **Pacific Contiguous** | **129,576** | **124,261** | **4.3** | **30,022** | **26,920** | **86,517** | **83,677** | **1,506** | **1,568** | **11,531** | **12,096** |
| California | 105,742 | 104,709 | 1.0 | 22,670 | 20,880 | 70,772 | 70,895 | 1,487 | 1,556 | 10,813 | 11,378 |
| Oregon | 15,626 | 13,051 | 19.7 | 5,515 | 4,477 | 9,421 | 7,883 | NM | 5 | 686 | 687 |
| Washington | 8,208 | 6,500 | 26.3 | 1,837 | 1,563 | 6,324 | 4,899 | NM | 7 | 32 | 31 |
| **Pacific Noncontiguous** | **3,541** | **3,479** | **1.8** | **3,448** | **3,407** | **--** | **--** | **--** | ***** | **NM** | **71** |
| Alaska | 3,541 | 3,479 | 1.8 | 3,448 | 3,407 | -- | -- | -- | * | NM | 71 |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **808,226** | **829,782** | **-2.6** | **290,720** | **290,601** | **446,078** | **464,280** | **3,939** | **3,911** | **67,490** | **70,991** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Natural gas includes a small amount of supplemental gaseous fuels.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.11.A. Net Generation from Other Gases by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | -- | * | -- | -- | -- | -- | * | -- | -- | -- | -- |
| Connecticut | -- | * | -- | -- | -- | -- | * | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **38** | **55** | **-30.7** | -- | -- | **NM** | * | -- | -- | **38** | **55** |
| New Jersey | NM | 12 | -- | -- | -- | -- | -- | -- | -- | NM | 12 |
| New York | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | 33 | 43 | -22.5 | -- | -- | NM | * | -- | -- | 33 | 43 |
| **East North Central** | **163** | **259** | **-36.8** | -- | **11** | * | **28** | -- | -- | **163** | **219** |
| Illinois | NM | 10 | -- | -- | -- | -- | 2 | -- | -- | NM | 8 |
| Indiana | 155 | 205 | -24.6 | -- | -- | NM | -- | -- | -- | 155 | 205 |
| Michigan | * | 25 | -98.6 | -- | 11 | * | 14 | -- | -- | -- | -- |
| Ohio | NM | 18 | -- | -- | -- | -- | 12 | -- | -- | NM | 6 |
| Wisconsin | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West North Central** | **NM** | **6** | -- | * | **2** | -- | -- | -- | -- | **NM** | **4** |
| Iowa | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | 2 | -- | -- | 2 | -- | -- | -- | -- | -- | -- |
| Missouri | * | * | 73.3 | * | * | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | NM | 4 | -- | -- | -- | -- | -- | -- | -- | NM | 4 |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **16** | **96** | **-83.3** | -- | -- | **1** | **30** | -- | -- | **15** | **66** |
| Delaware | 10 | 61 | -83.1 | -- | -- | -- | -- | -- | -- | 10 | 61 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 1 | 1 | -33.4 | -- | -- | * | * | -- | -- | 1 | 1 |
| Georgia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Maryland | 1 | 30 | -97.5 | -- | -- | 1 | 30 | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | 4 | 4 | 2.3 | -- | -- | -- | -- | -- | -- | 4 | 4 |
| **East South Central** | **NM** | **20** | -- | * | **1** | -- | -- | -- | -- | **NM** | **20** |
| Alabama | 10 | 16 | -36.0 | -- | -- | -- | -- | -- | -- | 10 | 16 |
| Kentucky | * | 1 | -12.1 | * | 1 | -- | -- | -- | -- | -- | -- |
| Mississippi | NM | 3 | -- | -- | -- | -- | -- | -- | -- | NM | 3 |
| Tennessee | 1 | 1 | -36.1 | -- | -- | -- | -- | -- | -- | 1 | 1 |
| **West South Central** | **264** | **426** | **-38.0** | -- | -- | **134** | **232** | -- | -- | **130** | **193** |
| Arkansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 56 | 138 | -59.6 | -- | -- | 22 | 59 | -- | -- | NM | 79 |
| Oklahoma | NM | 2 | -- | -- | -- | -- | -- | -- | -- | NM | 2 |
| Texas | 208 | 286 | -27.2 | -- | -- | 112 | 173 | -- | -- | 95 | 112 |
| **Mountain** | **NM** | **25** | -- | * | * | * | **2** | -- | -- | **NM** | **23** |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | * | * | -66.1 | * | * | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | * | 1 | -98.5 | -- | -- | * | 1 | -- | -- | -- | -- |
| Nevada | * | * | -71.5 | -- | -- | * | * | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | NM | -- | -- | -- | -- | -- | -- | -- | -- | NM | -- |
| Wyoming | 21 | 23 | -7.1 | -- | -- | -- | -- | -- | -- | 21 | 23 |
| **Pacific Contiguous** | **162** | **140** | **16.0** | -- | -- | **25** | **25** | **NM** | -- | **137** | **114** |
| California | 139 | 114 | 21.7 | -- | -- | NM | * | NM | -- | 137 | 114 |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 23 | 25 | -9.8 | -- | -- | 23 | 25 | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **NM** | **5** | -- | -- | -- | -- | -- | -- | -- | **NM** | **5** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | NM | 5 | -- | -- | -- | -- | -- | -- | -- | NM | 5 |
| **U.S. Total** | **686** | **1,031** | **-33.5** | **1** | **14** | **160** | **318** | -- | -- | **525** | **699** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.11.B. Net Generation from Other Gases by State by Sector, Year-to-Date through November 2008 and 2007**
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | -- | **2** | -- | -- | -- | -- | **2** | -- | -- | -- | -- |
| Connecticut | -- | 2 | -- | -- | -- | -- | 2 | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **566** | **630** | **-10.1** | -- | -- | **NM** | **1** | -- | -- | **565** | **629** |
| New Jersey | NM | 146 | -- | -- | -- | -- | * | -- | -- | NM | 145 |
| New York | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | 472 | 484 | -2.5 | -- | -- | NM | 1 | -- | -- | 471 | 483 |
| **East North Central** | **3,218** | **3,019** | **6.6** | **5** | **94** | **462** | **322** | -- | -- | **2,751** | **2,603** |
| Illinois | NM | 127 | -- | -- | -- | 10 | 25 | -- | -- | NM | 103 |
| Indiana | 2,503 | 2,373 | 5.5 | -- | -- | NM | * | -- | -- | 2,501 | 2,373 |
| Michigan | 344 | 250 | 37.4 | -- | 94 | 344 | 157 | -- | -- | -- | -- |
| Ohio | NM | 269 | -- | 5 | -- | 108 | 141 | -- | -- | NM | 128 |
| Wisconsin | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West North Central** | **NM** | **74** | -- | **2** | **26** | -- | -- | -- | -- | **NM** | **48** |
| Iowa | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | 24 | -- | -- | 24 | -- | -- | -- | -- | -- | -- |
| Missouri | 2 | 3 | -24.2 | 2 | 3 | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | NM | 48 | -- | -- | -- | -- | -- | -- | -- | NM | 48 |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **861** | **1,083** | **-20.5** | -- | -- | **338** | **349** | -- | -- | **523** | **734** |
| Delaware | 465 | 669 | -30.4 | -- | -- | -- | -- | -- | -- | 465 | 669 |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 9 | 14 | -35.8 | -- | -- | * | * | -- | -- | 9 | 14 |
| Georgia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Maryland | 338 | 349 | -3.2 | -- | -- | 338 | 349 | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | * | -- | -- | -- | -- | -- | -- | -- | -- | * |
| Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | 49 | 51 | -4.4 | -- | -- | -- | -- | -- | -- | 49 | 51 |
| **East South Central** | **205** | **214** | **-4.5** | **4** | **4** | -- | -- | -- | -- | **201** | **210** |
| Alabama | 165 | 157 | 5.0 | -- | -- | -- | -- | -- | -- | 165 | 157 |
| Kentucky | 4 | 4 | -14.6 | 4 | 4 | -- | -- | -- | -- | -- | -- |
| Mississippi | NM | 40 | -- | -- | -- | -- | -- | -- | -- | NM | 40 |
| Tennessee | 11 | 12 | -9.0 | -- | -- | -- | -- | -- | -- | 11 | 12 |
| **West South Central** | **6,148** | **5,047** | **21.8** | -- | -- | **3,140** | **2,561** | -- | -- | **3,009** | **2,486** |
| Arkansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 2,587 | 1,686 | 53.5 | -- | -- | 1,277 | 612 | -- | -- | NM | 1,074 |
| Oklahoma | NM | 21 | -- | -- | -- | -- | -- | -- | -- | NM | 21 |
| Texas | 3,554 | 3,340 | 6.4 | -- | -- | 1,863 | 1,949 | -- | -- | 1,691 | 1,392 |
| **Mountain** | **297** | **303** | **-1.8** | **1** | **2** | **16** | **21** | -- | -- | **NM** | **280** |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | 1 | 2 | -62.8 | 1 | 2 | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | 12 | 17 | -32.2 | -- | -- | 12 | 17 | -- | -- | -- | -- |
| Nevada | 5 | 4 | 25.3 | -- | -- | 5 | 4 | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | NM | -- | -- | -- | -- | -- | -- | -- | -- | NM | -- |
| Wyoming | 258 | 280 | -7.7 | -- | -- | -- | -- | -- | -- | 258 | 280 |
| **Pacific Contiguous** | **1,881** | **2,018** | **-6.8** | **8** | -- | **284** | **323** | **NM** | -- | **1,589** | **1,695** |
| California | 1,627 | 1,707 | -4.7 | 8 | -- | NM | 12 | NM | -- | 1,589 | 1,695 |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 253 | 311 | -18.5 | -- | -- | 253 | 311 | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **NM** | **41** | -- | -- | -- | -- | -- | -- | -- | **NM** | **41** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | NM | 41 | -- | -- | -- | -- | -- | -- | -- | NM | 41 |
| **U.S. Total** | **13,253** | **12,431** | **6.6** | **19** | **126** | **4,241** | **3,579** | -- | -- | **8,992** | **8,726** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.12.A. Net Generation from Nuclear Energy by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **2,455** | **3,300** | **-25.6** | -- | -- | **2,455** | **3,300** | -- | -- | -- | -- |
| Connecticut | 771 | 1,456 | -47.0 | -- | -- | 771 | 1,456 | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | 492 | 495 | -.5 | -- | -- | 492 | 495 | -- | -- | -- | -- |
| New Hampshire | 895 | 898 | -.3 | -- | -- | 895 | 898 | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | 297 | 451 | -34.2 | -- | -- | 297 | 451 | -- | -- | -- | -- |
| **Middle Atlantic** | **12,883** | **12,087** | **6.6** | -- | -- | **12,883** | **12,087** | -- | -- | -- | -- |
| New Jersey | 2,264 | 2,451 | -7.6 | -- | -- | 2,264 | 2,451 | -- | -- | -- | -- |
| New York | 3,683 | 3,193 | 15.3 | -- | -- | 3,683 | 3,193 | -- | -- | -- | -- |
| Pennsylvania | 6,936 | 6,443 | 7.6 | -- | -- | 6,936 | 6,443 | -- | -- | -- | -- |
| **East North Central** | **12,629** | **12,638** | **-.1** | **1,601** | **1,671** | **11,028** | **10,967** | -- | -- | -- | -- |
| Illinois | 7,891 | 7,740 | 2.0 | -- | -- | 7,891 | 7,740 | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 2,183 | 2,252 | -3.1 | 1,601 | 1,671 | 582 | 581 | -- | -- | -- | -- |
| Ohio | 1,577 | 1,484 | 6.2 | -- | -- | 1,577 | 1,484 | -- | -- | -- | -- |
| Wisconsin | 979 | 1,162 | -15.8 | -- | -- | 979 | 1,162 | -- | -- | -- | -- |
| **West North Central** | **3,963** | **4,304** | **-7.9** | **3,524** | **3,866** | **439** | **438** | -- | -- | -- | -- |
| Iowa | 439 | 438 | .2 | -- | -- | 439 | 438 | -- | -- | -- | -- |
| Kansas | 858 | 859 | -.1 | 858 | 859 | -- | -- | -- | -- | -- | -- |
| Minnesota | 1,152 | 1,196 | -3.7 | 1,152 | 1,196 | -- | -- | -- | -- | -- | -- |
| Missouri | 579 | 889 | -34.8 | 579 | 889 | -- | -- | -- | -- | -- | -- |
| Nebraska | 934 | 922 | 1.3 | 934 | 922 | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **15,238** | **15,185** | **.3** | **13,976** | **13,922** | **1,261** | **1,263** | -- | -- | -- | -- |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 2,480 | 1,700 | 45.9 | 2,480 | 1,700 | -- | -- | -- | -- | -- | -- |
| Georgia | 2,704 | 2,922 | -7.4 | 2,704 | 2,922 | -- | -- | -- | -- | -- | -- |
| Maryland | 1,261 | 1,263 | -.1 | -- | -- | 1,261 | 1,263 | -- | -- | -- | -- |
| North Carolina | 2,895 | 3,699 | -21.7 | 2,895 | 3,699 | -- | -- | -- | -- | -- | -- |
| South Carolina | 3,713 | 3,696 | .5 | 3,713 | 3,696 | -- | -- | -- | -- | -- | -- |
| Virginia | 2,184 | 1,905 | 14.6 | 2,184 | 1,905 | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **5,417** | **5,920** | **-8.5** | **5,417** | **5,920** | -- | -- | -- | -- | -- | -- |
| Alabama | 2,321 | 3,019 | -23.1 | 2,321 | 3,019 | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | 880 | 916 | -3.9 | 880 | 916 | -- | -- | -- | -- | -- | -- |
| Tennessee | 2,215 | 1,985 | 11.6 | 2,215 | 1,985 | -- | -- | -- | -- | -- | -- |
| **West South Central** | **5,829** | **6,270** | **-7.0** | **2,299** | **2,627** | **3,531** | **3,643** | -- | -- | -- | -- |
| Arkansas | 726 | 1,349 | -46.2 | 726 | 1,349 | -- | -- | -- | -- | -- | -- |
| Louisiana | 1,573 | 1,278 | 23.0 | 1,573 | 1,278 | -- | -- | -- | -- | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Texas | 3,531 | 3,643 | -3.1 | -- | -- | 3,531 | 3,643 | -- | -- | -- | -- |
| **Mountain** | **1,945** | **1,566** | **24.2** | **1,945** | **1,566** | -- | -- | -- | -- | -- | -- |
| Arizona | 1,945 | 1,566 | 24.2 | 1,945 | 1,566 | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **3,049** | **3,629** | **-16.0** | **3,049** | **3,629** | -- | -- | -- | -- | -- | -- |
| California | 2,416 | 2,833 | -14.7 | 2,416 | 2,833 | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 633 | 796 | -20.5 | 633 | 796 | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **63,408** | **64,899** | **-2.3** | **31,811** | **33,202** | **31,597** | **31,697** | -- | -- | -- | -- |

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **32,154** | **33,616** | **-4.3** | **--** | **--** | **32,154** | **33,616** | **--** | **--** | **--** | **--** |
| Connecticut | 13,868 | 14,885 | -6.8 | -- | -- | 13,868 | 14,885 | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | 5,427 | 4,653 | 16.6 | -- | -- | 5,427 | 4,653 | -- | -- | -- | -- |
| New Hampshire | 8,424 | 9,838 | -14.4 | -- | -- | 8,424 | 9,838 | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | 4,435 | 4,240 | 4.6 | -- | -- | 4,435 | 4,240 | -- | -- | -- | -- |
| **Middle Atlantic** | **139,878** | **137,977** | **1.4** | **--** | **--** | **139,878** | **137,977** | **--** | **--** | **--** | **--** |
| New Jersey | 29,126 | 29,180 | -.2 | -- | -- | 29,126 | 29,180 | -- | -- | -- | -- |
| New York | 39,282 | 38,541 | 1.9 | -- | -- | 39,282 | 38,541 | -- | -- | -- | -- |
| Pennsylvania | 71,470 | 70,256 | 1.7 | -- | -- | 71,470 | 70,256 | -- | -- | -- | -- |
| **East North Central** | **143,171** | **141,952** | **.9** | **22,998** | **23,218** | **120,173** | **118,734** | **--** | **--** | **--** | **--** |
| Illinois | 86,991 | 87,282 | -.3 | -- | -- | 86,991 | 87,282 | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | 29,230 | 28,439 | 2.8 | 22,998 | 23,218 | 6,231 | 5,221 | -- | -- | -- | -- |
| Ohio | 15,988 | 14,511 | 10.2 | -- | -- | 15,988 | 14,511 | -- | -- | -- | -- |
| Wisconsin | 10,963 | 11,719 | -6.5 | -- | -- | 10,963 | 11,719 | -- | -- | -- | -- |
| **West North Central** | **41,530** | **43,986** | **-5.6** | **36,683** | **39,921** | **4,847** | **4,065** | **--** | **--** | **--** | **--** |
| Iowa | 4,847 | 4,065 | 19.2 | -- | -- | 4,847 | 4,065 | -- | -- | -- | -- |
| Kansas | 7,611 | 9,483 | -19.7 | 7,611 | 9,483 | -- | -- | -- | -- | -- | -- |
| Minnesota | 11,754 | 11,907 | -1.3 | 11,754 | 11,907 | -- | -- | -- | -- | -- | -- |
| Missouri | 8,807 | 8,452 | 4.2 | 8,807 | 8,452 | -- | -- | -- | -- | -- | -- |
| Nebraska | 8,511 | 10,079 | -15.5 | 8,511 | 10,079 | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **179,005** | **179,376** | **-.2** | **165,632** | **166,335** | **13,373** | **13,040** | **--** | **--** | **--** | **--** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 28,911 | 27,089 | 6.7 | 28,911 | 27,089 | -- | -- | -- | -- | -- | -- |
| Georgia | 28,604 | 29,506 | -3.1 | 28,604 | 29,506 | -- | -- | -- | -- | -- | -- |
| Maryland | 13,373 | 13,040 | 2.6 | -- | -- | 13,373 | 13,040 | -- | -- | -- | -- |
| North Carolina | 35,641 | 36,234 | -1.6 | 35,641 | 36,234 | -- | -- | -- | -- | -- | -- |
| South Carolina | 47,117 | 48,641 | -3.1 | 47,117 | 48,641 | -- | -- | -- | -- | -- | -- |
| Virginia | 25,359 | 24,865 | 2.0 | 25,359 | 24,865 | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **68,163** | **65,221** | **4.5** | **68,163** | **65,221** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alabama | 35,307 | 30,717 | 14.9 | 35,307 | 30,717 | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | 8,445 | 8,414 | .4 | 8,445 | 8,414 | -- | -- | -- | -- | -- | -- |
| Tennessee | 24,412 | 26,089 | -6.4 | 24,412 | 26,089 | -- | -- | -- | -- | -- | -- |
| **West South Central** | **63,791** | **66,836** | **-4.6** | **26,879** | **29,636** | **36,913** | **37,199** | **--** | **--** | **--** | **--** |
| Arkansas | 13,124 | 14,092 | -6.9 | 13,124 | 14,092 | -- | -- | -- | -- | -- | -- |
| Louisiana | 13,754 | 15,544 | -11.5 | 13,754 | 15,544 | -- | -- | -- | -- | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Texas | 36,913 | 37,199 | -.8 | -- | -- | 36,913 | 37,199 | -- | -- | -- | -- |
| **Mountain** | **26,733** | **24,824** | **7.7** | **26,733** | **24,824** | **--** | **--** | **--** | **--** | **--** | **--** |
| Arizona | 26,733 | 24,824 | 7.7 | 26,733 | 24,824 | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **38,265** | **40,656** | **-5.9** | **38,265** | **40,656** | **--** | **--** | **--** | **--** | **--** | **--** |
| California | 29,824 | 33,387 | -10.7 | 29,824 | 33,387 | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 8,441 | 7,269 | 16.1 | 8,441 | 7,269 | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **732,692** | **734,442** | **-.2** | **385,354** | **389,810** | **347,338** | **344,632** | **--** | **--** | **--** | **--** |

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State by Sector, November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **645** | **667** | **-3.3** | **110** | **101** | **474** | **496** | **--** | **1** | **61** | **70** |
| Connecticut | NM | 36 | -- | NM | 3 | NM | 34 | -- | -- | -- | -- |
| Maine | 301 | 328 | -8.0 | -- | -- | 242 | 260 | -- | -- | 60 | 67 |
| Massachusetts | 104 | 90 | 15.7 | NM | 21 | 66 | 67 | -- | 1 | -- | 2 |
| New Hampshire | 111 | 141 | -21.4 | 36 | 33 | 76 | 108 | -- | -- | NM | 1 |
| Rhode Island | NM | * | -- | -- | -- | NM | * | -- | -- | -- | -- |
| Vermont | 95 | 71 | 33.8 | NM | 44 | NM | 27 | -- | -- | NM | * |
| **Middle Atlantic** | **2,379** | **2,225** | **6.9** | **1,930** | **1,775** | **443** | **449** | **--** | ***** | **6** | **1** |
| New Jersey | NM | 2 | -- | -- | -- | NM | 2 | -- | -- | -- | -- |
| New York | 2,248 | 2,047 | 9.8 | 1,888 | 1,699 | 353 | 347 | -- | * | 6 | 1 |
| Pennsylvania | 129 | 177 | -27.2 | 42 | 76 | 87 | 101 | -- | -- | -- | -- |
| **East North Central** | **290** | **265** | **9.4** | **266** | **242** | **NM** | **9** | **--** | ***** | **NM** | **13** |
| Illinois | NM | 8 | -- | NM | 4 | NM | 5 | -- | -- | -- | -- |
| Indiana | 43 | 52 | -17.2 | 43 | 52 | -- | -- | -- | -- | -- | -- |
| Michigan | 90 | 43 | 111.1 | 82 | 39 | NM | 3 | -- | -- | NM | 1 |
| Ohio | 47 | 57 | -16.9 | 47 | 57 | -- | -- | -- | -- | -- | -- |
| Wisconsin | 99 | 105 | -5.6 | 88 | 91 | NM | 2 | -- | * | NM | 12 |
| **West North Central** | **389** | **439** | **-11.6** | **383** | **413** | **NM** | **9** | **--** | **--** | **2** | **17** |
| Iowa | NM | 89 | -- | NM | 89 | NM | * | -- | -- | -- | -- |
| Kansas | NM | * | -- | -- | -- | NM | * | -- | -- | -- | -- |
| Minnesota | NM | 112 | -- | NM | 86 | NM | 9 | -- | -- | 2 | 17 |
| Missouri | 59 | 11 | 445.7 | 59 | 11 | -- | -- | -- | -- | -- | -- |
| Nebraska | NM | 18 | -- | NM | 18 | -- | -- | -- | -- | -- | -- |
| North Dakota | 91 | 82 | 11.7 | 91 | 82 | -- | -- | -- | -- | -- | -- |
| South Dakota | 133 | 128 | 3.3 | 133 | 128 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **627** | **592** | **6.0** | **492** | **387** | **120** | **184** | **--** | ***** | **16** | **20** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | NM | 9 | -- | NM | 9 | -- | -- | -- | -- | -- | -- |
| Georgia | 181 | 165 | 9.7 | 179 | 163 | NM | * | -- | -- | NM | 1 |
| Maryland | 68 | 122 | -44.3 | -- | -- | 68 | 122 | -- | -- | -- | -- |
| North Carolina | 143 | 68 | 110.5 | 124 | 59 | NM | 8 | -- | * | -- | * |
| South Carolina | 94 | 66 | 41.7 | 92 | 65 | NM | 1 | -- | * | -- | -- |
| Virginia | 54 | 58 | -7.3 | 49 | 55 | NM | 3 | -- | -- | NM | * |
| West Virginia | 75 | 104 | -27.7 | NM | 36 | 26 | 50 | -- | -- | 14 | 19 |
| **East South Central** | **655** | **468** | **40.1** | **655** | **468** | **--** | ***** | **--** | **--** | **--** | **--** |
| Alabama | 280 | 179 | 56.3 | 280 | 179 | -- | -- | -- | -- | -- | -- |
| Kentucky | 69 | 96 | -28.1 | 69 | 96 | -- | * | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | 307 | 193 | 58.9 | 307 | 193 | -- | -- | -- | -- | -- | -- |
| **West South Central** | **538** | **236** | **128.0** | **500** | **199** | **39** | **37** | **--** | **--** | **--** | **--** |
| Arkansas | 379 | 101 | 273.9 | 379 | 101 | -- | * | -- | -- | -- | -- |
| Louisiana | 36 | 32 | 10.6 | -- | -- | 36 | 32 | -- | -- | -- | -- |
| Oklahoma | 93 | 72 | 29.7 | 93 | 72 | -- | -- | -- | -- | -- | -- |
| Texas | NM | 31 | -- | NM | 26 | NM | 4 | -- | -- | -- | -- |
| **Mountain** | **1,938** | **1,565** | **23.8** | **1,682** | **1,367** | **255** | **198** | **--** | **--** | **--** | **--** |
| Arizona | 516 | 525 | -1.7 | 516 | 525 | -- | -- | -- | -- | -- | -- |
| Colorado | 99 | 111 | -11.2 | 91 | 105 | NM | 7 | -- | -- | -- | -- |
| Idaho | 491 | 340 | 44.3 | 464 | 324 | NM | 16 | -- | -- | -- | -- |
| Montana | 621 | 491 | 26.5 | 402 | 316 | 219 | 175 | -- | -- | -- | -- |
| Nevada | 99 | 27 | 264.8 | 99 | 27 | -- | -- | -- | -- | -- | -- |
| New Mexico | NM | 14 | -- | NM | 14 | -- | -- | -- | -- | -- | -- |
| Utah | NM | 35 | -- | NM | 35 | NM | * | -- | -- | -- | -- |
| Wyoming | NM | 21 | -- | NM | 21 | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **9,539** | **9,137** | **4.4** | **9,379** | **9,081** | **158** | **52** | **3** | **4** | **NM** | ***** |
| California | NM | NM | -- | NM | NM | NM | NM | NM | NM | NM | NM |
| Oregon | 2,420 | 2,388 | 1.3 | 2,403 | 2,371 | NM | 17 | -- | -- | -- | -- |
| Washington | 4,997 | 5,032 | -.7 | 4,985 | 5,019 | NM | 11 | 3 | 3 | NM | * |
| **Pacific Noncontiguous** | **81** | **87** | **-6.6** | **76** | **83** | **NM** | **2** | **--** | **--** | **NM** | **2** |
| Alaska | 75 | 83 | -9.7 | 75 | 83 | -- | -- | -- | -- | -- | -- |
| Hawaii | NM | 4 | -- | NM | 1 | NM | 2 | -- | -- | NM | 2 |
| **U.S. Total** | **17,081** | **15,682** | **8.9** | **15,474** | **14,118** | **1,505** | **1,436** | **3** | **5** | **100** | **123** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **7,789** | **6,157** | **26.5** | **NM** | **838** | **5,912** | **4,665** | **4** | **5** | **689** | **649** |
| Connecticut | NM | 328 | -- | NM | 25 | NM | 303 | -- | -- | -- | -- |
| Maine | 3,551 | 3,383 | 4.9 | -- | -- | NM | 2,751 | -- | -- | 668 | 632 |
| Massachusetts | NM | 702 | -- | NM | 163 | NM | 522 | 4 | 5 | 3 | 12 |
| New Hampshire | NM | 1,167 | -- | NM | 295 | NM | 868 | -- | -- | NM | 4 |
| Rhode Island | NM | 4 | -- | -- | -- | NM | 4 | -- | -- | -- | -- |
| Vermont | NM | 573 | -- | NM | 354 | NM | 218 | -- | -- | NM | 1 |
| **Middle Atlantic** | **26,641** | **25,042** | **6.4** | **21,143** | **20,061** | **5,432** | **4,926** | **3** | **3** | **63** | **51** |
| New Jersey | NM | 19 | -- | -- | -- | NM | 19 | -- | -- | -- | -- |
| New York | 24,346 | 23,102 | 5.4 | 20,109 | 19,137 | NM | 3,911 | 3 | 3 | 63 | 51 |
| Pennsylvania | NM | 1,920 | -- | NM | 924 | NM | 997 | -- | -- | -- | -- |
| **East North Central** | **3,733** | **3,476** | **7.4** | **NM** | **3,100** | **NM** | **186** | **1** | **1** | **NM** | **189** |
| Illinois | NM | 142 | -- | NM | 63 | NM | 79 | -- | -- | -- | -- |
| Indiana | NM | 420 | -- | NM | 420 | -- | -- | -- | -- | -- | -- |
| Michigan | NM | 1,126 | -- | NM | 1,017 | NM | 86 | -- | -- | NM | 23 |
| Ohio | NM | 385 | -- | NM | 385 | -- | -- | -- | -- | -- | -- |
| Wisconsin | NM | 1,403 | -- | NM | 1,215 | NM | 21 | 1 | 1 | NM | 166 |
| **West North Central** | **7,445** | **6,824** | **9.1** | **7,314** | **6,681** | **NM** | **58** | **--** | **--** | **72** | **84** |
| Iowa | NM | 884 | -- | NM | 883 | 6 | * | -- | -- | -- | -- |
| Kansas | NM | 10 | -- | -- | -- | NM | 10 | -- | -- | -- | -- |
| Minnesota | NM | 578 | -- | NM | 446 | NM | 48 | -- | -- | 72 | 84 |
| Missouri | 1,942 | 1,176 | 65.1 | 1,942 | 1,176 | -- | -- | -- | -- | -- | -- |
| Nebraska | NM | 321 | -- | NM | 321 | -- | -- | -- | -- | -- | -- |
| North Dakota | 1,147 | 1,190 | -3.7 | 1,147 | 1,190 | -- | -- | -- | -- | -- | -- |
| South Dakota | 2,487 | 2,665 | -6.7 | 2,487 | 2,665 | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **11,058** | **10,324** | **7.1** | **7,913** | **7,779** | **NM** | **2,108** | **9** | **8** | **585** | **430** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | NM | 143 | -- | NM | 143 | -- | -- | -- | -- | -- | -- |
| Georgia | 2,346 | 2,117 | 10.8 | 2,320 | 2,098 | NM | 1 | -- | -- | NM | 18 |
| Maryland | 1,691 | 1,414 | 19.6 | -- | -- | 1,691 | 1,414 | -- | -- | -- | -- |
| North Carolina | 3,039 | 2,867 | 6.0 | 2,447 | 2,581 | NM | 278 | 7 | 7 | 175 | 2 |
| South Carolina | NM | 1,484 | -- | NM | 1,453 | NM | 30 | 1 | 1 | -- | -- |
| Virginia | NM | 1,184 | -- | NM | 1,122 | NM | 56 | -- | -- | 6 | 6 |
| West Virginia | NM | 1,115 | -- | NM | 383 | NM | 328 | -- | -- | 383 | 403 |
| **East South Central** | **13,002** | **10,220** | **27.2** | **12,778** | **10,218** | **--** | **2** | **--** | **--** | **223** | **--** |
| Alabama | 5,371 | 3,969 | 35.3 | 5,371 | 3,969 | -- | -- | -- | -- | -- | -- |
| Kentucky | 1,895 | 1,522 | 24.5 | 1,895 | 1,520 | -- | 2 | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | 5,736 | 4,729 | 21.3 | 5,513 | 4,729 | -- | -- | -- | -- | 223 | -- |
| **West South Central** | **9,271** | **8,355** | **11.0** | **8,224** | **7,532** | **1,047** | **823** | **--** | **--** | **--** | **--** |
| Arkansas | 4,362 | 3,039 | 43.5 | 4,362 | 3,039 | -- | 1 | -- | -- | -- | -- |
| Louisiana | 1,008 | 775 | 30.1 | -- | -- | 1,008 | 775 | -- | -- | -- | -- |
| Oklahoma | 2,794 | 2,920 | -4.3 | 2,794 | 2,920 | -- | -- | -- | -- | -- | -- |
| Texas | NM | 1,621 | -- | NM | 1,573 | NM | 47 | -- | -- | -- | -- |
| **Mountain** | **29,771** | **28,210** | **5.5** | **26,036** | **24,420** | **3,735** | **3,789** | **--** | **--** | **--** | **--** |
| Arizona | 6,827 | 6,038 | 13.1 | 6,827 | 6,038 | -- | -- | -- | -- | -- | -- |
| Colorado | 1,663 | 1,633 | 1.9 | 1,540 | 1,535 | NM | 98 | -- | -- | -- | -- |
| Idaho | 9,055 | 8,556 | 5.8 | 8,366 | 7,926 | NM | 629 | -- | -- | -- | -- |
| Montana | 8,858 | 8,536 | 3.8 | 5,942 | 5,480 | 2,915 | 3,056 | -- | -- | -- | -- |
| Nevada | 1,647 | 1,979 | -16.8 | 1,647 | 1,979 | -- | -- | -- | -- | -- | -- |
| New Mexico | NM | 250 | -- | NM | 250 | -- | -- | -- | -- | -- | -- |
| Utah | NM | 510 | -- | NM | 504 | NM | 5 | -- | -- | -- | -- |
| Wyoming | NM | 709 | -- | NM | 709 | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **133,419** | **129,290** | **3.2** | **132,228** | **128,510** | **1,141** | **724** | **49** | **53** | **NM** | **2** |
| California | NM | NM | -- | NM | NM | NM | NM | NM | NM | NM | NM |
| Oregon | 30,747 | 30,660 | .3 | 30,535 | 30,460 | NM | 201 | -- | -- | -- | -- |
| Washington | 70,283 | 72,755 | -3.4 | 70,094 | 72,558 | NM | 155 | 41 | 40 | NM | 2 |
| **Pacific Noncontiguous** | **1,090** | **1,272** | **-14.3** | **1,018** | **1,209** | **NM** | **32** | **--** | **--** | **NM** | **30** |
| Alaska | 1,001 | 1,198 | -16.4 | 1,001 | 1,198 | -- | -- | -- | -- | -- | -- |
| Hawaii | NM | 74 | -- | NM | 12 | NM | 32 | -- | -- | NM | 30 |
| **U.S. Total** | **243,220** | **229,168** | **6.1** | **221,210** | **210,349** | **20,094** | **17,314** | **66** | **70** | **1,850** | **1,436** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.14.A. Net Generation from Other Renewables by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **679** | **670** | **1.3** | **62** | **59** | **444** | **427** | **11** | **11** | **162** | **173** |
| Connecticut | 66 | 60 | 11.0 | -- | -- | 66 | 60 | -- | -- | -- | -- |
| Maine | 349 | 340 | 2.7 | -- | -- | 178 | 158 | NM | 9 | 162 | 172 |
| Massachusetts | 112 | 113 | -.9 | -- | -- | 109 | 110 | NM | 2 | -- | -- |
| New Hampshire | 103 | 100 | 2.8 | 40 | 30 | 63 | 71 | -- | -- | NM | * |
| Rhode Island | 11 | 14 | -16.8 | -- | -- | 11 | 14 | -- | -- | -- | -- |
| Vermont | 38 | 44 | -14.5 | 22 | 29 | NM | 15 | -- | -- | NM | -- |
| **Middle Atlantic** | **570** | **518** | **10.1** | **--** | **--** | **486** | **450** | **20** | **23** | **64** | **45** |
| New Jersey | 76 | 66 | 14.1 | -- | -- | 76 | 66 | NM | * | NM | -- |
| New York | 284 | 240 | 18.4 | -- | -- | 252 | 209 | 11 | 13 | 21 | 18 |
| Pennsylvania | 210 | 211 | -.6 | -- | -- | 158 | 174 | 10 | 10 | 43 | 27 |
| **East North Central** | **746** | **515** | **44.8** | **81** | **47** | **510** | **309** | **10** | **14** | **145** | **144** |
| Illinois | 259 | 142 | 82.4 | NM | 2 | 258 | 140 | NM | * | -- | -- |
| Indiana | 60 | 18 | 238.5 | 13 | 15 | 43 | -- | NM | 1 | NM | 2 |
| Michigan | 202 | 200 | .8 | -- | * | 140 | 128 | 7 | 12 | 54 | 60 |
| Ohio | 39 | 32 | 21.4 | NM | 2 | NM | 3 | -- | -- | 33 | 27 |
| Wisconsin | 186 | 123 | 51.2 | 65 | 28 | 64 | 38 | NM | 1 | 56 | 56 |
| **West North Central** | **1,168** | **912** | **28.0** | **237** | **247** | **890** | **624** | **NM** | **4** | **37** | **38** |
| Iowa | 362 | 308 | 17.4 | NM | 165 | 206 | 141 | NM | 2 | 1 | -- |
| Kansas | 172 | 103 | 66.4 | 39 | 26 | 133 | 77 | -- | -- | -- | -- |
| Minnesota | 460 | 399 | 15.3 | 20 | 29 | 405 | 333 | NM | 1 | 34 | 36 |
| Missouri | NM | 2 | -- | NM | 2 | 11 | -- | -- | -- | NM | 1 |
| Nebraska | NM | 25 | -- | 23 | 24 | NM | * | NM | 1 | -- | -- |
| North Dakota | NM | 62 | -- | NM | 1 | 124 | 60 | -- | -- | NM | 1 |
| South Dakota | 12 | 13 | -11.9 | NM | 1 | 11 | 13 | -- | -- | -- | -- |
| **South Atlantic** | **1,243** | **1,238** | **.4** | **90** | **82** | **363** | **320** | **27** | **26** | **763** | **809** |
| Delaware | 10 | 4 | 160.1 | -- | -- | 10 | 4 | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 318 | 359 | -11.3 | 9 | 6 | 166 | 188 | NM | 3 | 141 | 162 |
| Georgia | 254 | 279 | -8.8 | -- | -- | NM | 1 | -- | -- | 253 | 278 |
| Maryland | 46 | 44 | 5.2 | -- | -- | 26 | 24 | NM | 2 | 16 | 18 |
| North Carolina | 174 | 141 | 23.3 | -- | -- | 56 | 44 | -- | -- | 118 | 97 |
| South Carolina | 154 | 171 | -9.8 | 38 | 37 | -- | -- | NM | 3 | 113 | 131 |
| Virginia | 219 | 221 | -1.0 | 43 | 40 | 36 | 40 | 17 | 17 | 122 | 124 |
| West Virginia | 67 | 19 | 251.3 | * | -- | 68 | 19 | -- | -- | -- | -- |
| **East South Central** | **464** | **559** | **-17.0** | **7** | **5** | **17** | **25** | **--** | **--** | **439** | **530** |
| Alabama | 279 | 314 | -11.1 | -- | -- | 11 | 17 | -- | -- | 268 | 297 |
| Kentucky | 27 | 38 | -27.9 | 7 | 5 | -- | -- | -- | -- | 20 | 33 |
| Mississippi | 118 | 119 | -.7 | -- | -- | -- | -- | -- | -- | 118 | 119 |
| Tennessee | 39 | 88 | -55.5 | NM | * | NM | 7 | -- | -- | 33 | 81 |
| **West South Central** | **1,942** | **1,645** | **18.1** | **38** | **31** | **1,464** | **1,123** | **NM** | **5** | **437** | **486** |
| Arkansas | 133 | 142 | -6.2 | -- | -- | NM | 3 | NM | * | 130 | 139 |
| Louisiana | NM | 249 | -- | -- | -- | 6 | 7 | -- | -- | NM | 241 |
| Oklahoma | NM | 187 | -- | 38 | 31 | 164 | 128 | -- | -- | NM | 28 |
| Texas | NM | 1,067 | -- | NM | * | 1,291 | 985 | NM | 5 | NM | 78 |
| **Mountain** | **818** | **672** | **21.6** | **NM** | **27** | **737** | **595** | **NM** | **3** | **43** | **48** |
| Arizona | 13 | 3 | 323.0 | NM | 3 | 11 | -- | NM | * | -- | -- |
| Colorado | NM | 224 | -- | 7 | 6 | NM | 218 | -- | -- | -- | -- |
| Idaho | 61 | 62 | -1.3 | -- | -- | 24 | 23 | -- | -- | 37 | 39 |
| Montana | 61 | 46 | 32.4 | -- | -- | 55 | 37 | -- | -- | NM | 9 |
| Nevada | 118 | 107 | 10.5 | -- | -- | 118 | 107 | -- | -- | -- | -- |
| New Mexico | NM | 121 | -- | -- | -- | NM | 121 | -- | -- | -- | -- |
| Utah | NM | 19 | -- | 25 | 17 | NM | 1 | NM | 2 | -- | -- |
| Wyoming | 106 | 90 | 17.4 | NM | 2 | 104 | 88 | -- | -- | -- | -- |
| **Pacific Contiguous** | **2,406** | **2,240** | **7.4** | **292** | **280** | **1,928** | **1,745** | **34** | **38** | **152** | **177** |
| California | 1,896 | 1,744 | 8.7 | 114 | 107 | 1,689 | 1,539 | 34 | 36 | NM | 63 |
| Oregon | 188 | 182 | 3.8 | 34 | 17 | 106 | 102 | -- | 3 | 49 | 59 |
| Washington | 322 | 314 | 2.5 | 144 | 156 | 133 | 104 | -- | -- | 45 | 54 |
| **Pacific Noncontiguous** | **56** | **59** | **-5.3** | **NM** | ***** | **39** | **40** | **15** | **17** | **NM** | **2** |
| Alaska | NM | 1 | -- | NM | -- | -- | * | -- | -- | NM | 1 |
| Hawaii | 55 | 58 | -5.4 | * | * | 39 | 40 | 15 | 17 | NM | 1 |
| **U.S. Total** | **10,092** | **9,029** | **11.8** | **844** | **779** | **6,878** | **5,658** | **127** | **141** | **2,244** | **2,451** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.

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 Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other renewables 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.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.14.B. Net Generation from Other Renewables by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **7,238** | **7,213** | **.4** | **595** | **552** | **4,709** | **4,745** | **136** | **113** | **1,799** | **1,802** |
| Connecticut | 743 | 670 | 10.9 | 1 | -- | 742 | 670 | -- | -- | -- | -- |
| Maine | 3,757 | 3,825 | -1.8 | -- | -- | 1,878 | 1,934 | 95 | 89 | 1,783 | 1,801 |
| Massachusetts | 1,201 | 1,128 | 6.5 | -- | -- | 1,161 | 1,104 | NM | 24 | -- | -- |
| New Hampshire | 1,011 | 1,022 | -1.0 | 351 | 282 | 650 | 740 | -- | -- | NM | * |
| Rhode Island | 129 | 141 | -8.8 | -- | -- | 129 | 141 | -- | -- | -- | -- |
| Vermont | 397 | 427 | -7.0 | 243 | 271 | NM | 156 | -- | -- | NM | -- |
| **Middle Atlantic** | **6,009** | **5,608** | **7.2** | **--** | **--** | **5,161** | **4,774** | **226** | **225** | **622** | **608** |
| New Jersey | 863 | 764 | 12.9 | -- | -- | 860 | 764 | NM | * | NM | * |
| New York | 2,863 | 2,531 | 13.1 | -- | -- | 2,521 | 2,207 | 125 | 120 | 217 | 204 |
| Pennsylvania | 2,283 | 2,313 | -1.3 | -- | -- | 1,780 | 1,803 | 101 | 106 | 402 | 404 |
| **East North Central** | **5,751** | **5,184** | **10.9** | **530** | **462** | **3,551** | **2,992** | **155** | **186** | **1,515** | **1,545** |
| Illinois | 1,555 | 1,130 | 37.6 | NM | 18 | 1,543 | 1,112 | NM | 1 | 1 | -- |
| Indiana | 288 | 215 | 33.8 | 152 | 176 | 80 | -- | NM | 18 | NM | 21 |
| Michigan | 2,201 | 2,221 | -.9 | -- | * | 1,474 | 1,445 | 122 | 157 | 605 | 619 |
| Ohio | 368 | 397 | -7.3 | NM | 13 | NM | 39 | -- | -- | 299 | 345 |
| Wisconsin | 1,339 | 1,221 | 9.7 | 349 | 254 | 403 | 397 | NM | 10 | 574 | 560 |
| **West North Central** | **9,831** | **8,307** | **18.4** | **2,270** | **2,260** | **7,033** | **5,541** | **57** | **46** | **472** | **460** |
| Iowa | 2,735 | 2,700 | 1.3 | NM | 1,438 | 1,292 | 1,236 | NM | 26 | 7 | -- |
| Kansas | 1,519 | 1,062 | 43.0 | 380 | 278 | 1,139 | 784 | -- | -- | -- | -- |
| Minnesota | 4,146 | 3,563 | 16.4 | 236 | 272 | 3,457 | 2,841 | NM | 9 | 443 | 441 |
| Missouri | 145 | 27 | 437.7 | 16 | 20 | 120 | -- | -- | -- | NM | 7 |
| Nebraska | 236 | 254 | -7.3 | 221 | 241 | NM | 3 | NM | 11 | -- | -- |
| North Dakota | 942 | 560 | 68.2 | NM | 7 | 921 | 541 | -- | -- | NM | 12 |
| South Dakota | 109 | 140 | -22.1 | NM | 5 | 101 | 136 | -- | -- | -- | -- |
| **South Atlantic** | **13,621** | **13,466** | **1.2** | **882** | **892** | **3,754** | **3,671** | **301** | **298** | **8,685** | **8,605** |
| Delaware | 102 | 44 | 133.7 | -- | -- | 102 | 44 | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 3,991 | 3,900 | 2.3 | 81 | 67 | 2,105 | 2,185 | NM | 35 | 1,768 | 1,613 |
| Georgia | 2,880 | 3,109 | -7.4 | -- | -- | NM | 12 | -- | -- | 2,867 | 3,097 |
| Maryland | 550 | 562 | -2.1 | -- | -- | 340 | 359 | NM | 26 | 166 | 177 |
| North Carolina | 1,706 | 1,529 | 11.5 | -- | -- | 482 | 474 | -- | -- | 1,224 | 1,056 |
| South Carolina | 1,670 | 1,839 | -9.2 | NM | 409 | -- | -- | NM | 34 | 1,292 | 1,396 |
| Virginia | 2,404 | 2,338 | 2.8 | 463 | 417 | 391 | 452 | 181 | 203 | 1,368 | 1,267 |
| West Virginia | 319 | 145 | 119.4 | * | -- | 319 | 145 | -- | -- | -- | -- |
| **East South Central** | **5,557** | **6,161** | **-9.8** | **83** | **85** | **224** | **250** | **--** | **--** | **5,250** | **5,826** |
| Alabama | 3,405 | 3,488 | -2.4 | -- | -- | 160 | 192 | -- | -- | 3,245 | 3,296 |
| Kentucky | 408 | 421 | -3.0 | 80 | 83 | -- | -- | -- | -- | 328 | 337 |
| Mississippi | 1,384 | 1,361 | 1.6 | * | -- | -- | -- | -- | -- | 1,384 | 1,361 |
| Tennessee | 360 | 891 | -59.7 | NM | 2 | NM | 59 | -- | -- | 293 | 831 |
| **West South Central** | **18,969** | **15,313** | **23.9** | **390** | **336** | **13,408** | **9,735** | **NM** | **36** | **5,129** | **5,206** |
| Arkansas | 1,488 | 1,487 | .0 | -- | -- | NM | 35 | NM | 2 | 1,441 | 1,450 |
| Louisiana | 2,613 | 2,719 | -3.9 | -- | -- | 72 | 68 | -- | -- | 2,541 | 2,651 |
| Oklahoma | NM | 1,967 | -- | 387 | 335 | 1,598 | 1,378 | -- | -- | NM | 254 |
| Texas | 12,602 | 9,140 | 37.9 | NM | 1 | 11,695 | 8,254 | NM | 34 | 865 | 851 |
| **Mountain** | **7,736** | **5,527** | **40.0** | **NM** | **245** | **6,958** | **4,784** | **NM** | **27** | **417** | **471** |
| Arizona | 48 | 38 | 24.3 | NM | 34 | 11 | -- | NM | 4 | -- | -- |
| Colorado | NM | 1,100 | -- | 63 | 53 | NM | 1,047 | -- | -- | -- | -- |
| Idaho | 601 | 598 | .5 | -- | -- | 250 | 227 | -- | -- | 351 | 371 |
| Montana | 533 | 529 | .8 | -- | -- | 468 | 430 | -- | -- | NM | 100 |
| Nevada | 1,421 | 1,187 | 19.7 | -- | -- | 1,421 | 1,187 | -- | -- | -- | -- |
| New Mexico | NM | 1,247 | -- | -- | -- | NM | 1,247 | -- | -- | -- | -- |
| Utah | 245 | 171 | 42.9 | 229 | 143 | NM | 5 | NM | 23 | -- | -- |
| Wyoming | 724 | 656 | 10.4 | NM | 15 | 703 | 641 | -- | -- | -- | -- |
| **Pacific Contiguous** | **29,903** | **28,207** | **6.0** | **3,299** | **3,299** | **24,431** | **22,607** | **406** | **395** | **1,766** | **1,905** |
| California | 23,383 | 23,024 | 1.6 | 1,329 | 1,248 | 20,961 | 20,588 | 406 | 384 | NM | 804 |
| Oregon | 2,693 | 1,942 | 38.7 | 453 | 306 | 1,687 | 1,041 | -- | 11 | 553 | 584 |
| Washington | 3,826 | 3,240 | 18.1 | 1,516 | 1,745 | 1,783 | 978 | -- | -- | 527 | 517 |
| **Pacific Noncontiguous** | **669** | **699** | **-4.4** | **NM** | ***** | **476** | **531** | **168** | **153** | **NM** | **15** |
| Alaska | NM | 10 | -- | NM | -- | -- | 1 | -- | * | NM | 9 |
| Hawaii | 654 | 689 | -5.1 | * | * | 476 | 530 | 168 | 153 | NM | 6 |
| **U.S. Total** | **105,284** | **95,685** | **10.0** | **8,402** | **8,132** | **69,704** | **59,631** | **1,505** | **1,479** | **25,673** | **26,443** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other renewables 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.

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## Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **-43** | **-51** | **16.2** | **--** | **--** | **-43** | **-51** | **--** | **--** | **--** | **--** |
| Connecticut | * | * | 107.0 | -- | -- | * | * | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -43 | -51 | 15.6 | -- | -- | -43 | -51 | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **-141** | **-147** | **4.0** | **-81** | **-85** | **-60** | **-61** | **--** | **--** | **--** | **--** |
| New Jersey | -20 | -20 | .0 | -20 | -20 | -- | -- | -- | -- | -- | -- |
| New York | -61 | -65 | 6.4 | -61 | -65 | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -60 | -61 | 2.8 | -- | -- | -60 | -61 | -- | -- | -- | -- |
| **East North Central** | **-60** | **-91** | **33.6** | **-60** | **-91** | **--** | **--** | **--** | **--** | **--** | **--** |
| Illinois | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | -60 | -91 | 33.6 | -60 | -91 | -- | -- | -- | -- | -- | -- |
| Ohio | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wisconsin | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West North Central** | **13** | **6** | **112.9** | **13** | **6** | **--** | **--** | **--** | **--** | **--** | **--** |
| Iowa | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Missouri | 13 | 6 | 112.9 | 13 | 6 | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **-135** | **-237** | **43.2** | **-135** | **-237** | **--** | **--** | **--** | **--** | **--** | **--** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Georgia | 9 | -35 | 125.8 | 9 | -35 | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -11 | -- | -- | -11 | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -61 | -97 | 37.3 | -61 | -97 | -- | -- | -- | -- | -- | -- |
| Virginia | -72 | -105 | 31.4 | -72 | -105 | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **-62** | **-51** | **-21.0** | **-62** | **-51** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alabama | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -62 | -51 | -21.0 | -62 | -51 | -- | -- | -- | -- | -- | -- |
| **West South Central** | **-5** | **-13** | **61.2** | **-5** | **-13** | **--** | **--** | **--** | **--** | **--** | **--** |
| Arkansas | 1 | 1 | 62.4 | 1 | 1 | -- | -- | -- | -- | -- | -- |
| Louisiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Oklahoma | -6 | -14 | 54.5 | -6 | -14 | -- | -- | -- | -- | -- | -- |
| Texas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Mountain** | **-21** | **-2** | **-969.0** | **-21** | **-2** | **--** | **--** | **--** | **--** | **--** | **--** |
| Arizona | -1 | * | NM | -1 | * | -- | -- | -- | -- | -- | -- |
| Colorado | -20 | -2 | -939.6 | -20 | -2 | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **-38** | **-75** | **50.1** | **-38** | **-75** | **--** | **--** | **--** | **--** | **--** | **--** |
| California | -47 | -85 | 44.1 | -47 | -85 | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 10 | 10 | 2.2 | 10 | 10 | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **-492** | **-662** | **25.6** | **-390** | **-549** | **-103** | **-113** | **--** | **--** | **--** | **--** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

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## Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **-751** | **-784** | **4.2** | **--** | **--** | **-751** | **-784** | **--** | **--** | **--** | **--** |
| Connecticut | 1 | -14 | 106.4 | -- | -- | 1 | -14 | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -752 | -770 | 2.3 | -- | -- | -752 | -770 | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **-1,174** | **-1,602** | **26.7** | **-878** | **-951** | **-297** | **-651** | **--** | **--** | **--** | **--** |
| New Jersey | -256 | -248 | -3.2 | -256 | -248 | -- | -- | -- | -- | -- | -- |
| New York | -622 | -703 | 11.6 | -622 | -703 | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -297 | -651 | 54.4 | -- | -- | -297 | -651 | -- | -- | -- | -- |
| **East North Central** | **-855** | **-1,036** | **17.5** | **-855** | **-1,036** | **--** | **--** | **--** | **--** | **--** | **--** |
| Illinois | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Indiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Michigan | -855 | -1,036 | 17.5 | -855 | -1,036 | -- | -- | -- | -- | -- | -- |
| Ohio | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wisconsin | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **West North Central** | **533** | **382** | **39.5** | **533** | **382** | **--** | **--** | **--** | **--** | **--** | **--** |
| Iowa | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Missouri | 533 | 382 | 39.5 | 533 | 382 | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **-2,465** | **-2,883** | **14.5** | **-2,465** | **-2,883** | **--** | **--** | **--** | **--** | **--** | **--** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Georgia | 346 | -417 | 182.8 | 346 | -417 | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -113 | 137 | -182.5 | -113 | 137 | -- | -- | -- | -- | -- | -- |
| South Carolina | -1,181 | -1,095 | -7.9 | -1,181 | -1,095 | -- | -- | -- | -- | -- | -- |
| Virginia | -1,516 | -1,508 | -.5 | -1,516 | -1,508 | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **East South Central** | **-1,206** | **-667** | **-81.0** | **-1,206** | **-667** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alabama | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -1,206 | -667 | -81.0 | -1,206 | -667 | -- | -- | -- | -- | -- | -- |
| **West South Central** | **13** | **-128** | **110.0** | **13** | **-128** | **--** | **--** | **--** | **--** | **--** | **--** |
| Arkansas | 45 | 29 | 52.6 | 45 | 29 | -- | -- | -- | -- | -- | -- |
| Louisiana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Oklahoma | -32 | -157 | 79.8 | -32 | -157 | -- | -- | -- | -- | -- | -- |
| Texas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Mountain** | **-133** | **-35** | **-276.9** | **-133** | **-35** | **--** | **--** | **--** | **--** | **--** | **--** |
| Arizona | 99 | 125 | -21.2 | 99 | 125 | -- | -- | -- | -- | -- | -- |
| Colorado | -231 | -161 | -44.1 | -231 | -161 | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Pacific Contiguous** | **380** | **422** | **-9.8** | **380** | **422** | **--** | **--** | **--** | **--** | **--** | **--** |
| California | 343 | 401 | -14.4 | 343 | 401 | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Washington | 37 | 20 | 82.8 | 37 | 20 | -- | -- | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** | **--** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **U.S. Total** | **-5,657** | **-6,331** | **10.6** | **-4,609** | **-4,897** | **-1,047** | **-1,434** | **--** | **--** | **--** | **--** |

Notes: • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.16.A. Net Generation from Other Energy Sources by State by Sector, November 2008 and 2007
(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | Nov 2008 | Nov 2007 | Percent Change | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 | Nov 2008 | Nov 2007 |
| **New England** | **162** | **154** | **5.1** | **--** | **--** | **150** | **140** | **7** | **6** | **6** | **7** |
| Connecticut | 61 | 56 | 8.6 | -- | -- | 60 | 55 | -- | -- | NM | 1 |
| Maine | 29 | 26 | 11.3 | -- | -- | 17 | 13 | 7 | 6 | 5 | 6 |
| Massachusetts | 67 | 67 | -.1 | -- | -- | 67 | 67 | -- | -- | -- | -- |
| New Hampshire | 5 | 5 | 4.1 | -- | -- | 5 | 5 | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **178** | **184** | **-3.1** | **--** | **--** | **163** | **166** | **15** | **18** | **NM** | **--** |
| New Jersey | 41 | 38 | 5.6 | -- | -- | 41 | 38 | -- | -- | NM | -- |
| New York | 85 | 76 | 11.4 | -- | -- | 77 | 66 | 8 | 10 | -- | -- |
| Pennsylvania | 53 | 69 | -23.9 | -- | -- | 45 | 61 | 8 | 8 | -- | -- |
| **East North Central** | **51** | **65** | **-21.3** | **5** | **9** | **12** | **11** | **7** | **11** | **28** | **34** |
| Illinois | NM | 2 | -- | -- | -- | NM | -- | -- | -- | * | 2 |
| Indiana | 28 | 31 | -12.1 | -- | -- | -- | -- | NM | 1 | 26 | 30 |
| Michigan | 18 | 24 | -25.5 | 1 | 4 | 12 | 11 | 5 | 9 | -- | -- |
| Ohio | 1 | * | 92.2 | -- | -- | -- | -- | -- | -- | 1 | * |
| Wisconsin | 4 | 7 | -42.8 | 4 | 5 | -- | -- | NM | -- | * | 2 |
| **West North Central** | **26** | **33** | **-22.4** | **15** | **18** | **8** | **9** | **NM** | **1** | **NM** | **5** |
| Iowa | NM | 1 | -- | NM | 1 | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | 22 | 31 | -27.7 | 12 | 16 | 8 | 9 | NM | 1 | NM | 5 |
| Missouri | 1 | 1 | -13.2 | 1 | 1 | -- | -- | * | * | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | * | -- | -- | * | -- | -- | -- | -- | -- | -- |
| South Dakota | 2 | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **188** | **360** | **-47.9** | **--** | **--** | **142** | **146** | **16** | **16** | **30** | **198** |
| Delaware | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 116 | 260 | -55.6 | -- | -- | 97 | 102 | -- | -- | 19 | 159 |
| Georgia | 7 | 8 | -11.8 | -- | -- | -- | -- | -- | -- | 7 | 8 |
| Maryland | 20 | 18 | 13.7 | -- | -- | 20 | 18 | NM | -- | -- | -- |
| North Carolina | 1 | 27 | -95.0 | -- | -- | NM | 5 | -- | -- | -- | 22 |
| South Carolina | 7 | 8 | -21.6 | -- | -- | -- | -- | NM | 2 | 4 | 6 |
| Virginia | 37 | 38 | -3.6 | -- | -- | 23 | 22 | 13 | 14 | -- | 2 |
| West Virginia | -- | * | -- | -- | -- | -- | -- | -- | -- | -- | * |
| **East South Central** | **NM** | **2** | **--** | **--** | **1** | **NM** | **--** | **--** | **--** | **NM** | **1** |
| Alabama | NM | * | -- | -- | -- | NM | -- | -- | -- | NM | * |
| Kentucky | -- | 1 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| Mississippi | NM | 1 | -- | -- | -- | NM | -- | -- | -- | NM | 1 |
| Tennessee | * | * | -38.6 | -- | -- | -- | -- | -- | -- | * | * |
| **West South Central** | **60** | **99** | **-40.1** | **18** | **15** | **--** | **1** | **--** | **--** | **42** | **84** |
| Arkansas | NM | * | -- | -- | -- | -- | -- | -- | -- | NM | * |
| Louisiana | 24 | 46 | -47.0 | -- | -- | -- | -- | -- | -- | 24 | 46 |
| Oklahoma | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | 1 |
| Texas | 33 | 52 | -37.3 | 18 | 15 | -- | 1 | -- | -- | 15 | 36 |
| **Mountain** | **NM** | **18** | **--** | **--** | **--** | **NM** | ***** | **--** | **--** | **14** | **17** |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | NM | 3 | -- | -- | -- | -- | -- | -- | -- | NM | 3 |
| Idaho | NM | 7 | -- | -- | -- | -- | -- | -- | -- | NM | 7 |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | NM | * | -- | -- | -- | NM | * | -- | -- | 14 | -- |
| Wyoming | NM | 7 | -- | -- | -- | -- | -- | -- | -- | NM | 7 |
| **Pacific Contiguous** | **44** | **37** | **17.6** | **--** | **--** | **24** | **26** | **--** | ***** | **20** | **11** |
| California | 36 | 28 | 25.5 | -- | -- | 15 | 17 | -- | * | 20 | 11 |
| Oregon | NM | 3 | -- | -- | -- | NM | 3 | -- | -- | -- | -- |
| Washington | 5 | 6 | -6.9 | -- | -- | 5 | 6 | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **13** | **15** | **-12.6** | **--** | **--** | **1** | **1** | **12** | **14** | **--** | **--** |
| Alaska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | 13 | 15 | -12.6 | -- | -- | 1 | 1 | 12 | 14 | -- | -- |
| **U.S. Total** | **736** | **967** | **-23.9** | **37** | **42** | **499** | **503** | **58** | **65** | **142** | **357** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)
NM = Not meaningful due to large relative standard error or excessive percentage change.
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 Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.
Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" 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 1.16.B. Net Generation from Other Energy Sources by State by Sector, Year-to-Date through November 2008 and 2007

(Thousand Megawatthours)

| Census Division and State | Total (All Sectors) | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | 2008 | 2007 | Percent Change | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 |
| **New England** | **1,757** | **1,689** | **4.0** | **--** | **--** | **1,637** | **1,558** | **NM** | **70** | **NM** | **61** |
| Connecticut | 666 | 663 | .4 | -- | -- | 655 | 651 | -- | -- | NM | 12 |
| Maine | 321 | 292 | 10.1 | -- | -- | 211 | 173 | NM | 70 | 38 | 49 |
| Massachusetts | 713 | 681 | 4.7 | -- | -- | 713 | 681 | -- | -- | -- | -- |
| New Hampshire | 58 | 54 | 6.9 | -- | -- | 58 | 54 | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Middle Atlantic** | **2,064** | **1,974** | **4.5** | **--** | **--** | **1,893** | **1,797** | **171** | **177** | **NM** | **--** |
| New Jersey | 459 | 443 | 3.6 | -- | -- | 459 | 443 | -- | -- | NM | -- |
| New York | 895 | 859 | 4.3 | -- | -- | 804 | 765 | NM | 94 | -- | -- |
| Pennsylvania | 709 | 672 | 5.5 | -- | -- | 630 | 589 | 79 | 83 | -- | -- |
| **East North Central** | **685** | **753** | **-9.0** | **69** | **103** | **132** | **123** | **109** | **139** | **375** | **388** |
| Illinois | 16 | 20 | -16.9 | -- | -- | 6 | 1 | -- | -- | 10 | 18 |
| Indiana | 334 | 357 | -6.4 | -- | -- | -- | -- | NM | 14 | 320 | 343 |
| Michigan | 249 | 281 | -11.5 | 31 | 37 | 125 | 122 | 93 | 122 | -- | -- |
| Ohio | 12 | 3 | 350.3 | -- | -- | -- | -- | -- | -- | 12 | 3 |
| Wisconsin | 74 | 93 | -20.4 | 38 | 65 | -- | -- | NM | 2 | 33 | 25 |
| **West North Central** | **343** | **343** | **.2** | **187** | **192** | **93** | **90** | **NM** | **11** | **NM** | **50** |
| Iowa | NM | 11 | -- | NM | 11 | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | 289 | 297 | -2.7 | 136 | 150 | 93 | 90 | NM | 7 | NM | 50 |
| Missouri | 17 | 34 | -51.4 | 13 | 31 | -- | -- | 3 | 4 | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | 1 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| South Dakota | 30 | * | NM | 30 | * | -- | -- | -- | -- | -- | -- |
| **South Atlantic** | **2,716** | **4,144** | **-34.5** | **2** | ***** | **1,727** | **1,765** | **167** | **186** | **821** | **2,193** |
| Delaware | 11 | -- | -- | -- | -- | -- | -- | -- | -- | 11 | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Florida | 1,760 | 2,935 | -40.0 | -- | -- | 1,123 | 1,156 | -- | -- | 637 | 1,778 |
| Georgia | 114 | 107 | 7.0 | -- | -- | 22 | -- | -- | -- | 92 | 107 |
| Maryland | 264 | 268 | -1.4 | -- | -- | 263 | 268 | NM | -- | -- | -- |
| North Carolina | NM | 312 | -- | -- | -- | NM | 90 | -- | -- | 19 | 222 |
| South Carolina | 91 | 88 | 2.8 | -- | -- | -- | -- | NM | 26 | 62 | 62 |
| Virginia | 387 | 434 | -10.9 | -- | -- | 249 | 251 | 138 | 159 | -- | 24 |
| West Virginia | 2 | * | 343.8 | 2 | * | -- | -- | -- | -- | -- | * |
| **East South Central** | **NM** | **27** | **--** | **8** | **15** | **NM** | **--** | **--** | **--** | **NM** | **12** |
| Alabama | NM | 3 | -- | -- | -- | NM | -- | -- | -- | NM | 3 |
| Kentucky | 8 | 15 | -48.6 | 8 | 15 | -- | -- | -- | -- | -- | -- |
| Mississippi | NM | 6 | -- | -- | -- | NM | -- | -- | -- | NM | 6 |
| Tennessee | 8 | 2 | 239.7 | -- | -- | -- | -- | -- | -- | 8 | 2 |
| **West South Central** | **1,314** | **1,417** | **-7.3** | **220** | **207** | **152** | **12** | **--** | **--** | **941** | **1,199** |
| Arkansas | NM | 16 | -- | -- | -- | -- | -- | -- | -- | NM | 16 |
| Louisiana | 465 | 636 | -27.0 | -- | -- | -- | -- | -- | -- | 465 | 636 |
| Oklahoma | -- | 24 | -- | -- | -- | -- | -- | -- | -- | -- | 24 |
| Texas | 813 | 742 | 9.6 | 220 | 207 | 152 | 12 | -- | -- | 440 | 523 |
| **Mountain** | **NM** | **168** | **--** | **--** | **--** | **NM** | **4** | **--** | **--** | **135** | **163** |
| Arizona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Colorado | NM | 38 | -- | -- | -- | -- | -- | -- | -- | NM | 38 |
| Idaho | NM | 63 | -- | -- | -- | -- | -- | -- | -- | NM | 63 |
| Montana | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Utah | NM | 4 | -- | -- | -- | NM | 4 | -- | -- | 125 | -- |
| Wyoming | NM | 63 | -- | -- | -- | -- | -- | -- | -- | NM | 63 |
| **Pacific Contiguous** | **474** | **477** | **-.5** | **--** | **--** | **284** | **281** | **--** | **1** | **191** | **195** |
| California | 379 | 385 | -1.5 | -- | -- | 189 | 189 | -- | 1 | 191 | 195 |
| Oregon | NM | 35 | -- | -- | -- | NM | 35 | -- | -- | -- | -- |
| Washington | 62 | 57 | 8.5 | -- | -- | 62 | 57 | -- | -- | -- | -- |
| **Pacific Noncontiguous** | **190** | **135** | **41.0** | **41** | **--** | **NM** | **15** | **132** | **120** | **--** | **--** |
| Alaska | 41 | -- | -- | 41 | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | 149 | 135 | 10.6 | -- | -- | NM | 15 | 132 | 120 | -- | -- |
| **U.S. Total** | **9,763** | **11,128** | **-12.3** | **527** | **517** | **5,993** | **5,646** | **683** | **703** | **2,560** | **4,262** |

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "*".)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 Renewables." • See Glossary for definitions. • Values for 2007 are final. Values for and 2008 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

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