

Table 7.2a Electricity Net Generation: Total (All Sectors)
(Million Kilowatthours)

| | Fossil Fuels | | | | Nuclear Power | Hydro-electric Pumped Storage ^e | Renewable Energy | | | | | Total ⁱ | |
|-------------------------|-------------------|------------------------|--------------------------|--------------------------|---------------|--|-----------------------------------|-------------------|--------------------|-------------|--------------------|--------------------|-----------|
| | Coal ^a | Petroleum ^b | Natural Gas ^c | Other Gases ^d | | | Conventional Hydro-electric Power | Wood ^f | Waste ^g | Geo-thermal | Solar ^h | | Wind |
| 1973 Total | 847,651 | 314,343 | 340,858 | NA | 83,479 | (j) | 275,431 | 130 | 198 | 1,966 | NA | NA | 1,864,057 |
| 1974 Total | 828,433 | 300,931 | 320,065 | NA | 113,976 | (j) | 304,212 | 69 | 182 | 2,453 | NA | NA | 1,870,319 |
| 1975 Total | 852,786 | 289,095 | 299,778 | NA | 172,505 | (j) | 303,153 | 18 | 174 | 3,246 | NA | NA | 1,920,755 |
| 1976 Total | 944,391 | 319,988 | 294,624 | NA | 191,104 | (j) | 286,924 | 84 | 182 | 3,616 | NA | NA | 2,040,914 |
| 1977 Total | 985,219 | 358,179 | 305,505 | NA | 250,883 | (j) | 223,599 | 308 | 173 | 3,582 | NA | NA | 2,127,447 |
| 1978 Total | 975,742 | 365,060 | 305,391 | NA | 276,403 | (j) | 283,465 | 197 | 140 | 2,978 | NA | NA | 2,209,377 |
| 1979 Total | 1,075,037 | 303,525 | 329,485 | NA | 255,155 | (j) | 283,076 | 300 | 198 | 3,889 | NA | NA | 2,250,665 |
| 1980 Total | 1,161,562 | 245,994 | 346,240 | NA | 251,116 | (j) | 279,182 | 275 | 158 | 5,073 | NA | NA | 2,289,600 |
| 1981 Total | 1,203,203 | 206,421 | 345,777 | NA | 272,674 | (j) | 263,845 | 245 | 123 | 5,686 | NA | NA | 2,297,973 |
| 1982 Total | 1,192,004 | 146,797 | 305,260 | NA | 282,773 | (j) | 312,374 | 196 | 125 | 4,843 | NA | NA | 2,244,372 |
| 1983 Total | 1,259,424 | 144,499 | 274,098 | NA | 293,677 | (j) | 335,291 | 216 | 163 | 6,075 | NA | 3 | 2,313,446 |
| 1984 Total | 1,341,681 | 119,808 | 297,394 | NA | 327,634 | (j) | 324,311 | 461 | 425 | 7,741 | 5 | 6 | 2,419,465 |
| 1985 Total | 1,402,128 | 100,202 | 291,946 | NA | 383,691 | (j) | 284,311 | 743 | 640 | 9,325 | 11 | 6 | 2,473,002 |
| 1986 Total | 1,385,831 | 136,585 | 248,508 | NA | 414,038 | (j) | 294,005 | 492 | 685 | 10,308 | 14 | 4 | 2,490,471 |
| 1987 Total | 1,463,781 | 118,493 | 272,621 | NA | 455,270 | (j) | 252,856 | 783 | 694 | 10,775 | 10 | 4 | 2,575,288 |
| 1988 Total | 1,540,653 | 148,900 | 252,801 | NA | 526,973 | (j) | 226,101 | 936 | 738 | 10,300 | 9 | 1 | 2,707,411 |
| 1989 Total ^k | 1,583,779 | 164,518 | 352,629 | 7,862 | 529,355 | (j) | 271,977 | 27,237 | 9,163 | 14,593 | 251 | 2,112 | 2,967,306 |
| 1990 Total | 1,594,011 | 126,621 | 372,765 | 10,383 | 576,862 | -3,508 | 292,866 | 32,522 | 13,260 | 15,434 | 367 | 2,789 | 3,037,988 |
| 1991 Total | 1,590,623 | 119,752 | 381,553 | 11,336 | 612,565 | -4,541 | 288,994 | 33,725 | 15,665 | 15,966 | 472 | 2,951 | 3,073,799 |
| 1992 Total | 1,621,206 | 100,154 | 404,074 | 13,270 | 618,776 | -4,177 | 253,088 | 36,529 | 17,816 | 16,138 | 400 | 2,888 | 3,083,882 |
| 1993 Total | 1,690,070 | 112,788 | 414,927 | 12,956 | 610,291 | -4,036 | 280,494 | 37,623 | 18,333 | 16,789 | 462 | 3,006 | 3,197,191 |
| 1994 Total | 1,690,694 | 105,901 | 460,219 | 13,319 | 640,440 | -3,378 | 260,126 | 37,937 | 19,129 | 15,535 | 487 | 3,447 | 3,247,522 |
| 1995 Total | 1,709,426 | 74,554 | 496,058 | 13,870 | 673,402 | -2,725 | 310,833 | 36,521 | 20,405 | 13,378 | 497 | 3,164 | 3,353,487 |
| 1996 Total | 1,795,196 | 81,411 | 455,056 | 14,356 | 674,729 | -3,088 | 347,162 | 36,800 | 20,911 | 14,329 | 521 | 3,234 | 3,444,188 |
| 1997 Total | 1,845,016 | 92,555 | 479,399 | 13,351 | 628,644 | -4,040 | 356,453 | 36,948 | 21,709 | 14,726 | 511 | 3,288 | 3,492,172 |
| 1998 Total | 1,873,516 | 128,800 | 531,257 | 13,492 | 673,702 | -4,467 | 323,336 | 36,338 | 22,448 | 14,774 | 502 | 3,026 | 3,620,295 |
| 1999 Total | 1,881,087 | 118,061 | 556,396 | 14,126 | 728,254 | -6,097 | 319,536 | 37,041 | 22,572 | 14,827 | 495 | 4,488 | 3,694,810 |
| 2000 Total | 1,966,265 | 111,221 | 601,038 | 13,955 | 753,893 | -5,539 | 275,573 | 37,595 | 23,131 | 14,093 | 493 | 5,593 | 3,802,105 |
| 2001 Total | 1,903,956 | 124,880 | 639,129 | 9,039 | 768,826 | -8,823 | 216,961 | 35,200 | 21,765 | 13,741 | 543 | 6,737 | 3,736,644 |
| 2002 January | 164,358 | 6,690 | 48,413 | 923 | 70,926 | -750 | 21,795 | 3,255 | 1,879 | 1,287 | 11 | 811 | 319,941 |
| February | 143,049 | 5,664 | 44,308 | 760 | 61,658 | -586 | 20,192 | 2,844 | 1,666 | 1,132 | 24 | 714 | 281,826 |
| March | 151,486 | 8,217 | 51,214 | 904 | 63,041 | -684 | 21,009 | 2,961 | 1,901 | 1,245 | 44 | 852 | 302,549 |
| April | 142,305 | 7,834 | 49,146 | 890 | 58,437 | -585 | 24,247 | 3,196 | 1,771 | 1,115 | 46 | 1,024 | 289,848 |
| May | 151,406 | 8,127 | 50,275 | 910 | 63,032 | -539 | 26,663 | 3,161 | 1,925 | 1,216 | 58 | 1,078 | 307,675 |
| June | 164,668 | 7,796 | 65,631 | 1,009 | 66,372 | -863 | 28,213 | 3,395 | 1,969 | 1,151 | 96 | 1,126 | 341,023 |
| July | 183,195 | 9,913 | 83,917 | 1,071 | 70,421 | -998 | 25,471 | 3,440 | 2,088 | 1,262 | 86 | 890 | 381,542 |
| August | 179,955 | 9,737 | 84,477 | 1,117 | 70,778 | -935 | 21,084 | 3,369 | 2,096 | 1,227 | 75 | 977 | 374,586 |
| September | 165,366 | 8,075 | 68,161 | 1,053 | 64,481 | -777 | 17,087 | 3,313 | 1,941 | 1,195 | 53 | 736 | 331,279 |
| October | 159,099 | 8,116 | 54,201 | 908 | 60,493 | -681 | 17,171 | 3,346 | 1,837 | 1,235 | 31 | 734 | 307,059 |
| November | 156,054 | 6,287 | 45,161 | 894 | 61,520 | -666 | 19,730 | 3,161 | 1,849 | 1,189 | 28 | 656 | 296,290 |
| December | 172,190 | 8,112 | 46,100 | 1,025 | 68,905 | -680 | 21,669 | 3,222 | 1,934 | 1,236 | 4 | 755 | 324,834 |
| Total | 1,933,130 | 94,567 | 691,006 | 11,463 | 780,064 | -8,743 | 264,329 | 38,665 | 22,857 | 14,491 | 555 | 10,354 | 3,858,452 |
| 2003 January | 180,632 | 12,338 | 48,684 | 908 | 69,211 | -760 | 19,714 | 2,976 | 1,741 | 1,144 | 13 | 558 | 337,504 |
| February | 156,063 | 10,560 | 43,291 | 730 | 60,942 | -774 | 19,630 | 2,681 | 1,619 | 1,028 | 18 | 692 | 296,735 |
| March | 154,690 | 10,323 | 45,901 | 900 | 59,933 | -797 | 24,349 | 3,151 | 1,928 | 1,118 | 50 | 1,008 | 303,087 |
| April | 141,676 | 8,148 | 43,341 | 734 | 56,776 | -554 | 25,002 | 2,992 | 1,905 | 1,043 | 60 | 1,099 | 282,721 |
| May | 149,296 | 7,971 | 47,854 | 757 | 62,194 | -619 | 29,928 | 2,792 | 1,923 | 1,035 | 68 | 891 | 304,550 |
| June | 161,009 | 10,968 | 51,899 | 863 | 64,181 | -780 | 28,500 | 2,942 | 1,917 | 1,092 | 91 | 964 | 324,042 |
| July | 182,761 | 12,102 | 74,809 | 898 | 69,653 | -755 | 24,681 | 3,109 | 2,027 | 1,099 | 63 | 917 | 371,782 |
| August | 185,595 | 12,345 | 80,665 | 818 | 69,024 | -818 | 22,837 | 3,009 | 1,965 | 1,096 | 62 | 779 | 377,929 |
| September | 163,589 | 8,716 | 54,833 | 830 | 63,584 | -785 | 18,215 | 2,714 | 1,770 | 1,086 | 56 | 824 | 315,800 |
| October | 159,162 | 8,599 | 50,604 | 1,037 | 60,016 | -634 | 18,310 | 3,194 | 1,948 | 1,077 | 36 | 909 | 304,711 |
| November | 158,824 | 6,434 | 44,515 | 1,233 | 59,600 | -715 | 19,733 | 4,064 | 1,975 | 1,085 | 14 | 995 | 298,165 |
| December | 176,975 | 9,752 | 42,810 | 1,229 | 68,612 | -677 | 24,107 | 3,329 | 2,092 | 1,246 | 4 | 1,095 | 330,967 |
| Total | 1,970,273 | 118,256 | 629,207 | 10,937 | 763,725 | -8,668 | 275,007 | 36,951 | 22,811 | 13,149 | 535 | 10,729 | 3,847,990 |
| 2004 January | 181,842 | 14,896 | 45,585 | 1,262 | 70,789 | -753 | 23,228 | 3,216 | 1,866 | 1,254 | 12 | 918 | 344,419 |
| February | 162,857 | 8,924 | 48,111 | 1,181 | 64,103 | -642 | 21,172 | 3,038 | 1,709 | 1,177 | 18 | 967 | 312,843 |
| March | 153,976 | 9,383 | 47,394 | 1,264 | 63,285 | -683 | 23,012 | 3,041 | 1,870 | 1,199 | 53 | 1,187 | 305,207 |
| April | 141,790 | 8,771 | 49,485 | 1,322 | 58,635 | -670 | 21,110 | 3,016 | 1,889 | 1,119 | 57 | 1,236 | 287,978 |
| May | 157,585 | 10,102 | 59,612 | 1,275 | 64,917 | -664 | 23,988 | 2,935 | 2,022 | 1,172 | 81 | 1,635 | 324,908 |
| June | 166,740 | 10,589 | 62,578 | 1,332 | 67,787 | -676 | 25,258 | 2,926 | 1,946 | 1,190 | 88 | 1,360 | 341,381 |
| July | 180,015 | 11,775 | 76,329 | 1,288 | 71,975 | -663 | 23,213 | 3,214 | 2,027 | 1,241 | 82 | 1,096 | 371,953 |
| 7-Month Total | 1,144,805 | 74,440 | 389,094 | 8,924 | 461,493 | -4,751 | 160,980 | 21,386 | 13,330 | 8,352 | 390 | 8,400 | 2,288,689 |
| 2003 7-Month Total | 1,126,128 | 72,409 | 355,779 | 5,790 | 442,889 | -5,040 | 171,804 | 20,643 | 13,060 | 7,560 | 363 | 6,127 | 2,220,419 |
| 2002 7-Month Total | 1,100,466 | 54,241 | 392,906 | 6,466 | 453,887 | -5,005 | 167,588 | 22,253 | 13,199 | 8,408 | 364 | 6,496 | 2,224,404 |

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.
^b Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.
^c Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.
^d Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
^e Pumped storage facility production minus energy used for pumping.
^f Wood, black liquor, and other wood waste.
^g Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

^h Solar thermal and photovoltaic energy.
ⁱ "Total" includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies, which are not separately displayed.
^j Included in "Conventional Hydroelectric Power."
^k Hydroelectric data through 1988 are for generation at electric utilities and industrial plants only; beginning in 1989, data also include generation at independent power producers and commercial plants. For all other series, data through 1988 are for generation at electric utilities only; beginning in 1989, data also include generation at independent power producers, commercial plants, and industrial plants.
R=Revised. NA=Not available.
Notes, Web Page, and Sources: See end of section.