

Table 7.4b Consumption of Combustible Fuels for Electricity Generation and Useful Thermal Output: Electric Power Sector (Subset of Table 7.4a)

| | Coal ^a Thousand Short Tons | Petroleum | | | | | Natural Gas ^f Billion Cubic Feet | Other Gases ^g | Biomass | | Other ⁱ |
|--------------------------------------|--|--|--|----------------------------|--|--|--|--------------------------|-------------------|--------------------|--------------------|
| | | Distillate Fuel Oil ^b Thousand Barrels | Residual Fuel Oil ^c Thousand Barrels | Other Liquids ^d | Petroleum Coke ^e Thousand Short Tons | Total ^e Thousand Barrels | | | Wood ^h | Waste ⁱ | |
| | | | | | | | | | | | |
| 1973 Total | 389,212 | 47,058 | 513,190 | NA | 507 | 562,781 | 3,660 | NA | 1 | 2 | NA |
| 1975 Total | 405,962 | 38,907 | 467,221 | NA | 70 | 506,479 | 3,158 | NA | (s) | 2 | NA |
| 1980 Total | 569,274 | 29,051 | 391,163 | NA | 179 | 421,110 | 3,682 | NA | 3 | 2 | NA |
| 1985 Total | 693,841 | 14,635 | 158,779 | NA | 231 | 174,571 | 3,044 | NA | 8 | 7 | NA |
| 1990 Total ^k | 782,567 | 16,567 | 184,915 | 26 | 1,008 | 206,550 | 3,245 | 11 | 129 | 188 | (s) |
| 1995 Total | 850,230 | 18,553 | 90,023 | 499 | 2,674 | 122,447 | 4,237 | 24 | 125 | 296 | 2 |
| 1996 Total | 896,921 | 18,780 | 99,951 | 653 | 2,642 | 132,593 | 3,807 | 20 | 138 | 300 | 2 |
| 1997 Total | 921,364 | 18,989 | 113,669 | 152 | 3,372 | 149,668 | 4,065 | 24 | 137 | 309 | 1 |
| 1998 Total | 936,619 | 23,300 | 166,528 | 431 | 4,102 | 210,769 | 4,588 | 29 | 137 | 308 | 2 |
| 1999 Total | 940,922 | 24,058 | 152,493 | 544 | 3,735 | 195,769 | 4,820 | 19 | 138 | 315 | 1 |
| 2000 Total | 985,821 | 30,016 | 138,513 | 454 | 3,275 | 185,358 | 5,206 | 25 | 134 | 318 | 1 |
| 2001 Total | 964,433 | 29,274 | 159,504 | 377 | 3,427 | 206,291 | 5,342 | 15 | 126 | 211 | 113 |
| 2002 Total | 977,507 | 21,876 | 104,773 | 1,267 | 5,816 | 156,996 | 5,672 | 33 | 150 | 230 | 143 |
| 2003 Total | 1,005,116 | 27,632 | 138,279 | 2,026 | 5,799 | 196,932 | 5,135 | 41 | 167 | 230 | 140 |
| 2004 Total | 1,016,268 | 19,107 | 139,816 | 2,713 | 7,372 | 198,498 | 5,464 | 58 | 165 | 223 | 138 |
| 2005 Total | 1,037,485 | 19,675 | 139,409 | 2,685 | 8,083 | 202,184 | 5,869 | 84 | 185 | 221 | 123 |
| 2006 Total | 1,026,636 | 12,646 | 57,345 | 1,870 | 7,101 | 107,365 | 6,222 | 65 | 182 | 231 | 125 |
| 2007 Total | 1,045,141 | 15,327 | 63,086 | 2,594 | 5,685 | 109,431 | 6,841 | 61 | 186 | 237 | 124 |
| 2008 Total | 1,040,580 | 12,547 | 38,241 | 2,670 | 5,119 | 79,056 | 6,668 | 61 | 177 | 258 | 131 |
| 2009 Total | 933,627 | 12,035 | 28,782 | 2,210 | 4,611 | 66,081 | 6,873 | 55 | 180 | 261 | 124 |
| 2010 | 90,452 | 2,459 | 2,887 | 222 | 413 | 7,636 | 546 | 5 | 17 | 21 | 10 |
| February | 79,884 | 851 | 1,061 | 219 | 389 | 4,076 | 480 | 4 | 16 | 20 | 9 |
| March | 76,110 | 759 | 1,256 | 131 | 427 | 4,281 | 457 | 5 | 16 | 22 | 10 |
| April | 66,842 | 699 | 1,214 | 112 | 369 | 3,871 | 471 | 5 | 15 | 21 | 10 |
| May | 75,597 | 1,023 | 2,055 | 104 | 400 | 5,181 | 560 | 5 | 14 | 22 | 10 |
| June | 87,030 | 1,222 | 3,147 | 137 | 471 | 6,860 | 706 | 5 | 16 | 23 | 11 |
| July | 94,519 | 1,309 | 3,730 | 185 | 503 | 7,742 | 897 | 5 | 17 | 23 | 11 |
| August | 94,247 | 1,068 | 3,051 | 149 | 394 | 6,236 | 943 | 4 | 18 | 23 | 11 |
| September | 79,176 | 883 | 1,845 | 136 | 372 | 4,726 | 697 | 4 | 16 | 22 | 10 |
| October | 70,492 | 772 | 1,161 | 112 | 346 | 3,773 | 570 | 3 | 15 | 22 | 10 |
| November | 72,514 | 890 | 1,035 | 126 | 301 | 3,557 | 497 | 4 | 16 | 23 | 10 |
| December | 88,189 | 1,854 | 2,062 | 245 | 391 | 6,118 | 564 | 4 | 17 | 23 | 11 |
| Total | 975,052 | 13,790 | 24,503 | 1,877 | 4,777 | 64,055 | 7,387 | 52 | 196 | 264 | 124 |
| 2011 | 89,682 | 1,225 | 1,759 | 224 | 500 | 5,707 | 542 | 4 | 16 | 21 | 10 |
| February | 73,156 | 858 | 1,020 | 117 | 374 | 3,866 | 482 | 4 | 15 | 20 | 9 |
| March | 72,009 | 827 | 1,164 | 121 | 451 | 4,364 | 483 | 5 | 15 | 23 | 11 |
| April | 66,741 | 940 | 1,378 | 104 | 291 | 3,879 | 526 | 4 | 12 | 22 | 10 |
| May | 73,100 | 894 | 1,279 | 103 | 306 | 3,807 | 578 | 4 | 13 | 22 | 11 |
| June | 83,700 | 950 | 1,316 | 129 | 374 | 4,265 | 705 | 5 | 15 | 23 | 11 |
| July | 93,736 | 1,139 | 1,603 | 158 | 462 | 5,211 | 942 | 5 | 16 | 24 | 11 |
| August | 91,667 | 793 | 1,400 | 107 | 400 | 4,299 | 923 | 5 | 16 | 23 | 11 |
| September | 76,131 | 760 | 1,027 | 127 | 380 | 3,812 | 686 | 5 | 15 | 22 | 10 |
| October | 69,109 | 690 | 995 | 119 | 295 | 3,280 | 578 | 5 | 13 | 23 | 10 |
| November | 66,557 | 697 | 962 | 131 | 242 | 2,999 | 543 | 5 | 13 | 23 | 10 |
| December | 72,971 | 814 | 973 | 128 | 319 | 3,512 | 612 | 5 | 16 | 23 | 11 |
| Total | 928,558 | 10,586 | 14,876 | 1,568 | 4,394 | 49,003 | 7,602 | 56 | 175 | 269 | 126 |
| 2012 | 70,231 | 758 | 1,054 | 125 | 342 | 3,649 | 651 | 6 | 16 | 22 | 11 |
| February | 62,450 | 638 | 790 | 97 | 274 | 2,895 | 649 | 6 | 15 | 21 | 10 |
| March | 57,211 | 567 | 898 | 111 | 212 | 2,636 | 680 | 5 | 14 | 23 | 11 |
| April | 51,357 | 717 | 838 | 102 | 163 | 2,472 | 724 | 4 | 11 | 22 | 11 |
| May | 62,827 | 842 | 892 | 134 | 198 | 2,860 | 819 | 5 | 13 | 23 | 11 |
| 5-Month Total | 304,076 | 3,523 | 4,471 | 568 | 1,190 | 14,511 | 3,523 | 26 | 69 | 111 | 55 |
| 2011 5-Month Total | 374,687 | 4,744 | 6,600 | 669 | 1,922 | 21,624 | 2,611 | 21 | 71 | 108 | 50 |
| 2010 5-Month Total | 388,884 | 5,791 | 8,472 | 789 | 1,998 | 25,043 | 2,513 | 23 | 79 | 107 | 50 |

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal symfuel.

^b Fuel oil nos. 1, 2, and 4. Through 2000, electric utility data also include small amounts of kerosene and jet fuel.

^c Fuel oil nos. 5 and 6. Through 2000, electric utility data also include a small amount of fuel oil no. 4.

^d Jet fuel, kerosene, other petroleum liquids, and waste oil.

^e Petroleum coke is converted from short tons to barrels by multiplying by 5.

^f Natural gas, plus a small amount of supplemental gaseous fuels.

^g Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

^h Wood and wood-derived fuels.

ⁱ Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and

tire-derived fuels).

^j Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

^k Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#electricity> for all available data beginning in 1973.
Sources: See end of section.