

**Table 7.3b Consumption of Combustible Fuels for Electricity Generation: Electric Power Sector** (Subset of Table 7.3a)

|                                | Coal <sup>a</sup> | Petroleum                        |                                |                            |                             |                     | Natural Gas <sup>f</sup> | Other Gases <sup>g</sup> | Biomass           |                    | Other <sup>i</sup> |
|--------------------------------|-------------------|----------------------------------|--------------------------------|----------------------------|-----------------------------|---------------------|--------------------------|--------------------------|-------------------|--------------------|--------------------|
|                                |                   | Distillate Fuel Oil <sup>b</sup> | Residual Fuel Oil <sup>c</sup> | Other Liquids <sup>d</sup> | Petroleum Coke <sup>e</sup> | Total <sup>e</sup>  |                          |                          | Wood <sup>h</sup> | Waste <sup>i</sup> |                    |
|                                |                   | Thousand Short Tons              | Thousand Barrels               |                            |                             | Thousand Short Tons |                          |                          | Thousand Barrels  | Billion Cubic Feet |                    |
| <b>1973 Total</b>              | 389,212           | 47,058                           | 513,190                        | NA                         | 507                         | 562,781             | 3,660                    | NA                       | 1                 | 2                  | NA                 |
| <b>1975 Total</b>              | 405,962           | 38,907                           | 467,221                        | NA                         | 70                          | 506,479             | 3,158                    | NA                       | (s)               | 2                  | NA                 |
| <b>1980 Total</b>              | 569,274           | 29,051                           | 391,163                        | NA                         | 179                         | 421,110             | 3,682                    | NA                       | 3                 | 2                  | NA                 |
| <b>1985 Total</b>              | 693,841           | 14,635                           | 158,779                        | NA                         | 231                         | 174,571             | 3,044                    | NA                       | 8                 | 7                  | NA                 |
| <b>1990 Total</b> <sup>k</sup> | 781,301           | 16,394                           | 183,285                        | 25                         | 1,008                       | 204,745             | 3,147                    | 6                        | 106               | 180                | (s)                |
| <b>1995 Total</b>              | 847,854           | 18,066                           | 88,895                         | 441                        | 2,452                       | 119,663             | 4,094                    | 18                       | 106               | 282                | 2                  |
| <b>1996 Total</b>              | 894,400           | 18,472                           | 98,795                         | 567                        | 2,467                       | 130,168             | 3,660                    | 16                       | 117               | 280                | 2                  |
| <b>1997 Total</b>              | 919,009           | 18,646                           | 112,423                        | 130                        | 3,201                       | 147,202             | 3,903                    | 14                       | 117               | 292                | 1                  |
| <b>1998 Total</b>              | 934,126           | 23,166                           | 165,875                        | 411                        | 3,999                       | 209,447             | 4,416                    | 23                       | 125               | 287                | 2                  |
| <b>1999 Total</b>              | 937,888           | 23,875                           | 151,921                        | 514                        | 3,607                       | 194,345             | 4,644                    | 14                       | 125               | 290                | 1                  |
| <b>2000 Total</b>              | 982,713           | 29,722                           | 138,047                        | 403                        | 3,155                       | 183,946             | 5,014                    | 19                       | 126               | 294                | 1                  |
| <b>2001 Total</b>              | 961,523           | 29,056                           | 159,150                        | 374                        | 3,308                       | 205,119             | 5,142                    | 9                        | 116               | 205                | 109                |
| <b>2002 Total</b>              | 975,251           | 21,810                           | 104,577                        | 1,243                      | 5,705                       | 156,154             | 5,408                    | 25                       | 141               | 224                | 137                |
| <b>2003 Total</b>              | 1,003,036         | 27,441                           | 137,361                        | 1,937                      | 5,719                       | 195,336             | 4,909                    | 30                       | 156               | 216                | 136                |
| <b>2004 Total</b>              | 1,012,459         | 18,793                           | 138,831                        | 2,511                      | 7,135                       | 195,809             | 5,075                    | 27                       | 150               | 206                | 131                |
| <b>2005 Total</b>              | 1,033,567         | 19,450                           | 138,337                        | 2,591                      | 7,877                       | 199,760             | 5,485                    | 24                       | 166               | 205                | 116                |
| <b>2006 Total</b>              | 1,022,802         | 12,578                           | 56,347                         | 1,783                      | 6,905                       | 105,235             | 5,891                    | 28                       | 163               | 216                | 117                |
| <b>2007 Total</b>              | 1,041,346         | 15,135                           | 62,072                         | 2,496                      | 5,523                       | 107,316             | 6,502                    | 27                       | 165               | 221                | 117                |
| <b>2008 Total</b>              | 1,036,891         | 12,318                           | 37,222                         | 2,608                      | 5,000                       | 77,149              | 6,342                    | 23                       | 159               | 242                | 122                |
| <b>2009 Total</b>              | 929,692           | 11,848                           | 27,768                         | 2,110                      | 4,485                       | 64,151              | 6,567                    | 21                       | 160               | 244                | 115                |
| <b>2010</b>                    |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January                        | 90,080            | 2,441                            | 2,804                          | 219                        | 404                         | 7,482               | 519                      | 2                        | 16                | 20                 | 9                  |
| February                       | 79,537            | 833                              | 1,023                          | 196                        | 379                         | 3,946               | 456                      | 2                        | 15                | 18                 | 8                  |
| March                          | 75,772            | 756                              | 1,214                          | 130                        | 415                         | 4,176               | 432                      | 2                        | 15                | 21                 | 9                  |
| April                          | 66,559            | 695                              | 1,132                          | 112                        | 360                         | 3,741               | 449                      | 2                        | 14                | 20                 | 9                  |
| May                            | 75,311            | 1,021                            | 1,964                          | 104                        | 390                         | 5,040               | 536                      | 2                        | 13                | 21                 | 10                 |
| June                           | 86,725            | 1,220                            | 3,059                          | 137                        | 463                         | 6,733               | 681                      | 2                        | 15                | 21                 | 10                 |
| July                           | 94,194            | 1,306                            | 3,643                          | 185                        | 495                         | 7,610               | 869                      | 2                        | 16                | 22                 | 10                 |
| August                         | 93,922            | 1,066                            | 2,962                          | 149                        | 392                         | 6,136               | 915                      | 2                        | 16                | 22                 | 10                 |
| September                      | 78,881            | 880                              | 1,760                          | 136                        | 371                         | 4,628               | 671                      | 1                        | 15                | 21                 | 10                 |
| October                        | 70,205            | 762                              | 1,076                          | 112                        | 337                         | 3,634               | 547                      | 1                        | 13                | 20                 | 10                 |
| November                       | 72,206            | 849                              | 949                            | 125                        | 290                         | 3,373               | 473                      | 1                        | 15                | 21                 | 10                 |
| December                       | 87,854            | 1,847                            | 1,973                          | 244                        | 383                         | 5,978               | 538                      | 1                        | 16                | 22                 | 10                 |
| <b>Total</b>                   | <b>971,245</b>    | <b>13,677</b>                    | <b>23,560</b>                  | <b>1,848</b>               | <b>4,679</b>                | <b>62,477</b>       | <b>7,085</b>             | <b>20</b>                | <b>177</b>        | <b>249</b>         | <b>116</b>         |
| <b>2011</b>                    |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January                        | 89,305            | 1,215                            | 1,653                          | 223                        | 495                         | 5,564               | 512                      | 1                        | 15                | 20                 | 9                  |
| February                       | 72,814            | 832                              | 973                            | 117                        | 365                         | 3,750               | 457                      | 1                        | 14                | 18                 | 8                  |
| March                          | 71,671            | 822                              | 1,093                          | 121                        | 440                         | 4,234               | 457                      | 1                        | 13                | 22                 | 10                 |
| April                          | 66,411            | 936                              | 1,296                          | 104                        | 282                         | 3,747               | 500                      | 2                        | 11                | 21                 | 10                 |
| May                            | 72,742            | 891                              | 1,199                          | 103                        | 295                         | 3,670               | 551                      | 2                        | 12                | 22                 | 10                 |
| June                           | 83,360            | 946                              | 1,236                          | 129                        | 364                         | 4,134               | 679                      | 2                        | 14                | 22                 | 10                 |
| July                           | 93,388            | 1,135                            | 1,518                          | 158                        | 452                         | 5,069               | 912                      | 2                        | 15                | 23                 | 11                 |
| August                         | 91,340            | 788                              | 1,311                          | 107                        | 389                         | 4,152               | 894                      | 2                        | 15                | 22                 | 10                 |
| September                      | 75,820            | 756                              | 940                            | 126                        | 369                         | 3,670               | 661                      | 2                        | 13                | 21                 | 10                 |
| October                        | 68,779            | 686                              | 911                            | 119                        | 288                         | 3,155               | 553                      | 2                        | 12                | 21                 | 10                 |
| November                       | 66,260            | 693                              | 883                            | 129                        | 233                         | 2,871               | 518                      | 2                        | 12                | 21                 | 10                 |
| December                       | 72,633            | 811                              | 899                            | 128                        | 309                         | 3,382               | 584                      | 2                        | 15                | 22                 | 10                 |
| <b>Total</b>                   | <b>924,523</b>    | <b>10,513</b>                    | <b>13,914</b>                  | <b>1,564</b>               | <b>4,281</b>                | <b>47,398</b>       | <b>7,279</b>             | <b>20</b>                | <b>160</b>        | <b>256</b>         | <b>117</b>         |
| <b>2012</b>                    |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January                        | 69,864            | 754                              | 961                            | 124                        | 331                         | 3,497               | 623                      | 3                        | 15                | 21                 | 10                 |
| February                       | 62,146            | 635                              | 728                            | 97                         | 263                         | 2,775               | 623                      | 3                        | 14                | 19                 | 9                  |
| March                          | 56,908            | 563                              | 849                            | 111                        | 201                         | 2,528               | 655                      | 2                        | 13                | 21                 | 10                 |
| April                          | 51,168            | 713                              | 776                            | 102                        | 154                         | 2,360               | 697                      | 2                        | 10                | 21                 | 10                 |
| May                            | 62,595            | 837                              | 811                            | 134                        | 187                         | 2,717               | 790                      | 2                        | 12                | 22                 | 11                 |
| <b>5-Month Total</b>           | <b>302,681</b>    | <b>3,502</b>                     | <b>4,124</b>                   | <b>568</b>                 | <b>1,137</b>                | <b>13,879</b>       | <b>3,388</b>             | <b>11</b>                | <b>62</b>         | <b>104</b>         | <b>50</b>          |
| <b>2011 5-Month Total</b>      | <b>372,943</b>    | <b>4,697</b>                     | <b>6,214</b>                   | <b>668</b>                 | <b>1,877</b>                | <b>20,966</b>       | <b>2,477</b>             | <b>7</b>                 | <b>65</b>         | <b>102</b>         | <b>46</b>          |
| <b>2010 5-Month Total</b>      | <b>387,259</b>    | <b>5,746</b>                     | <b>8,138</b>                   | <b>761</b>                 | <b>1,948</b>                | <b>24,385</b>       | <b>2,391</b>             | <b>9</b>                 | <b>72</b>         | <b>100</b>         | <b>46</b>          |

<sup>a</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

<sup>b</sup> Fuel oil nos. 1, 2, and 4. For 1973-1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980-2000, electric utility data also include small amounts of kerosene and jet fuel.

<sup>c</sup> Fuel oil nos. 5 and 6. For 1973-1979, data are for steam plant use of petroleum. For 1980-2000, electric utility data also include a small amount of fuel oil no. 4.

<sup>d</sup> Jet fuel, kerosene, other petroleum liquids, and waste oil.

<sup>e</sup> Petroleum coke is converted from short tons to barrels by multiplying by 5.

<sup>f</sup> Natural gas, plus a small amount of supplemental gaseous fuels.

<sup>g</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>h</sup> Wood and wood-derived fuels.

<sup>i</sup> 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).

<sup>j</sup> 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).

<sup>k</sup> 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: • Data are for fuels consumed to produce electricity. Data also include fuels consumed to produce useful thermal output at a small number of electric utility combined-heat-and-power (CHP) plants. • 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.