

Table 10.2c Renewable Energy Consumption: Electric Power Sector
(Trillion Btu)

| | Hydro-electric Power ^a | Geo-thermal ^b | Solar/PV ^c | Wind ^d | Biomass | | | Total |
|--------------------------------------|-----------------------------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|------------|--------------|
| | | | | | Wood ^e | Waste ^f | Total | |
| 1973 Total | 2,827 | 20 | NA | NA | 1 | 2 | 3 | 2,851 |
| 1975 Total | 3,122 | 34 | NA | NA | (s) | 2 | 2 | 3,158 |
| 1980 Total | 2,867 | 53 | NA | NA | 3 | 2 | 4 | 2,925 |
| 1985 Total | 2,937 | 97 | (s) | (s) | 8 | 7 | 14 | 3,049 |
| 1990 Total ^g | 3,014 | 161 | 4 | 29 | 129 | 188 | 317 | 3,524 |
| 1995 Total | 3,149 | 138 | 5 | 33 | 125 | 296 | 422 | 3,747 |
| 1996 Total | 3,528 | 148 | 5 | 33 | 138 | 300 | 438 | 4,153 |
| 1997 Total | 3,581 | 150 | 5 | 34 | 137 | 309 | 446 | 4,216 |
| 1998 Total | 3,241 | 151 | 5 | 31 | 137 | 308 | 444 | 3,872 |
| 1999 Total | 3,218 | 152 | 5 | 46 | 138 | 315 | 453 | 3,874 |
| 2000 Total | 2,768 | 144 | 5 | 57 | 134 | 318 | 453 | 3,427 |
| 2001 Total | 2,209 | 142 | 6 | 70 | 126 | 211 | 337 | 2,763 |
| 2002 Total | 2,650 | 147 | 6 | 105 | 150 | 230 | 380 | 3,288 |
| 2003 Total | 2,781 | 148 | 5 | 115 | 167 | 230 | 397 | 3,445 |
| 2004 Total | 2,656 | 148 | 6 | 142 | 165 | 223 | 388 | 3,340 |
| 2005 Total | 2,670 | 147 | 6 | 178 | 185 | 221 | 406 | 3,406 |
| 2006 Total | 2,839 | 145 | 5 | 264 | 182 | 231 | 412 | 3,665 |
| 2007 Total | 2,430 | 145 | 6 | 341 | 186 | 237 | 423 | 3,345 |
| 2008 Total | 2,494 | 146 | 9 | 546 | 177 | 258 | 435 | 3,630 |
| 2009 Total | 2,650 | 146 | 9 | 721 | 180 | 261 | 441 | 3,967 |
| 2010 January | 217 | 13 | (s) | 67 | 17 | 21 | 39 | 335 |
| February | 199 | 11 | (s) | 53 | 16 | 20 | 36 | 300 |
| March | 202 | 13 | 1 | 84 | 16 | 22 | 39 | 338 |
| April | 184 | 12 | 1 | 95 | 15 | 21 | 36 | 329 |
| May | 243 | 13 | 1 | 85 | 14 | 22 | 36 | 378 |
| June | 290 | 12 | 2 | 79 | 16 | 23 | 39 | 421 |
| July | 238 | 12 | 2 | 66 | 17 | 23 | 40 | 358 |
| August | 195 | 13 | 2 | 65 | 18 | 23 | 41 | 315 |
| September | 168 | 12 | 1 | 69 | 16 | 22 | 38 | 288 |
| October | 171 | 12 | 1 | 77 | 15 | 22 | 37 | 298 |
| November | 190 | 12 | 1 | 95 | 16 | 23 | 39 | 337 |
| December | 225 | 13 | (s) | 88 | 17 | 23 | 41 | 367 |
| Total | 2,521 | 148 | 12 | 923 | 196 | 264 | 459 | 4,064 |
| 2011 January | 254 | 14 | (s) | 84 | 16 | 21 | 38 | 391 |
| February | 239 | 13 | 1 | 103 | 15 | 20 | 35 | 390 |
| March | 308 | 14 | 1 | 103 | 15 | 23 | 38 | 463 |
| April | 307 | 13 | 2 | 121 | 12 | 22 | 33 | 476 |
| May | 321 | 14 | 2 | 113 | 13 | 22 | 35 | 486 |
| June | 313 | 13 | 2 | 106 | 15 | 23 | 38 | 473 |
| July | 307 | 13 | 2 | 72 | 16 | 24 | 40 | 434 |
| August | 256 | 13 | 2 | 72 | 16 | 23 | 39 | 383 |
| September | 209 | 13 | 2 | 67 | 15 | 22 | 37 | 327 |
| October | 194 | 14 | 2 | 104 | 13 | 23 | 36 | 349 |
| November | 207 | 13 | 1 | 120 | 13 | 23 | 36 | 377 |
| December | 239 | 14 | 1 | 102 | 16 | 23 | 39 | 396 |
| Total | 3,153 | 163 | 18 | 1,168 | 175 | 269 | 444 | 4,945 |
| 2012 January | 232 | 14 | 1 | 135 | 16 | 22 | 38 | 420 |
| February | 201 | 13 | 1 | 108 | 15 | 21 | 35 | 359 |
| March | 255 | 14 | 2 | 132 | 14 | 23 | 37 | 440 |
| April | 259 | 13 | 3 | 123 | 11 | 22 | 33 | 432 |
| May | 281 | 14 | 4 | 121 | 13 | 23 | 36 | 457 |
| 5-Month Total | 1,228 | 69 | 11 | 619 | 69 | 111 | 180 | 2,106 |
| 2011 5-Month Total | 1,428 | 69 | 6 | 525 | 71 | 108 | 179 | 2,206 |
| 2010 5-Month Total | 1,045 | 62 | 4 | 384 | 79 | 107 | 186 | 1,680 |

^a Conventional hydroelectricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^b Geothermal electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^c Solar thermal and photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^d Wind electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

^e Wood and wood-derived fuels.

^f 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).

^g 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/#renewable> for all available data beginning in 1973.

Sources: • **Biomass:** Table 7.4b. • **All Other Data:** Tables 7.2b and A6.