

Table F17: Hydroelectric Power and Geothermal Energy Consumption Estimates by Sector, 2007

| State | Hydroelectric Power | | | | | | | | Geothermal Energy | | | | | |
|----------------|-----------------------|------------|----------------|---------|--------------|------------|----------------|---------|-----------------------|--------------|------------|------------|----------------|-------|
| | Commercial | Industrial | Electric Power | Total | Commercial | Industrial | Electric Power | Total | Electric Power | Residential | Commercial | Industrial | Electric Power | Total |
| | Million Kilowatthours | | | | Trillion Btu | | | | Million Kilowatthours | Trillion Btu | | | | |
| Alabama | 0 | 0 | 4,136 | 4,136 | 0.0 | 0.0 | 40.9 | 40.9 | 0 | 0.1 | 0.0 | (s) | 0.0 | 0.1 |
| Alaska | 0 | 0 | 1,291 | 1,291 | 0.0 | 0.0 | 12.8 | 12.8 | 0 | 0.1 | (s) | 0.0 | 0.0 | 0.1 |
| Arizona | 0 | 0 | 6,598 | 6,598 | 0.0 | 0.0 | 65.2 | 65.2 | 0 | (s) | (s) | 0.2 | 0.0 | 0.3 |
| Arkansas | 0 | 0 | 3,237 | 3,237 | 0.0 | 0.0 | 32.0 | 32.0 | 0 | 0.5 | 0.0 | (s) | 0.0 | 0.5 |
| California | 13 | 0 | 27,314 | 27,328 | 0.1 | 0.0 | 270.0 | 270.1 | 12,991 | 0.2 | 0.6 | 1.4 | 273.0 | 275.2 |
| Colorado | 0 | 0 | 1,730 | 1,730 | 0.0 | 0.0 | 17.1 | 17.1 | 0 | 0.2 | 0.2 | 0.2 | 0.0 | 0.6 |
| Connecticut | 0 | 0 | 363 | 363 | 0.0 | 0.0 | 3.6 | 3.6 | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| Delaware | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 |
| Dist. of Col. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Florida | 0 | 0 | 154 | 154 | 0.0 | 0.0 | 1.5 | 1.5 | 0 | 4.6 | 1.3 | 0.0 | 0.0 | 5.9 |
| Georgia | 0 | 19 | 2,217 | 2,236 | 0.0 | 0.2 | 21.9 | 22.1 | 0 | 0.2 | (s) | (s) | 0.0 | 0.2 |
| Hawaii | 0 | 38 | 55 | 92 | 0.0 | 0.4 | 0.5 | 0.9 | 230 | 0.0 | (s) | (s) | 4.8 | 4.8 |
| Idaho | 0 | 0 | 9,022 | 9,022 | 0.0 | 0.0 | 89.2 | 89.2 | 0 | 0.1 | 0.6 | 0.9 | 0.0 | 1.5 |
| Illinois | 0 | 0 | 154 | 154 | 0.0 | 0.0 | 1.5 | 1.5 | 0 | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 |
| Indiana | 0 | 0 | 450 | 450 | 0.0 | 0.0 | 4.4 | 4.4 | 0 | 2.2 | 0.5 | 0.0 | 0.0 | 2.7 |
| Iowa | 0 | 0 | 962 | 962 | 0.0 | 0.0 | 9.5 | 9.5 | 0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.8 |
| Kansas | 0 | 0 | 11 | 11 | 0.0 | 0.0 | 0.1 | 0.1 | 0 | 0.1 | 0.5 | 0.0 | 0.0 | 0.6 |
| Kentucky | 0 | 0 | 1,669 | 1,669 | 0.0 | 0.0 | 16.5 | 16.5 | 0 | 1.1 | 0.5 | 0.0 | 0.0 | 1.6 |
| Louisiana | 0 | 0 | 827 | 827 | 0.0 | 0.0 | 8.2 | 8.2 | 0 | 0.5 | 0.5 | (s) | 0.0 | 1.1 |
| Maine | 0 | 694 | 3,044 | 3,738 | 0.0 | 6.9 | 30.1 | 36.9 | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| Maryland | 0 | 0 | 1,652 | 1,652 | 0.0 | 0.0 | 16.3 | 16.3 | 0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 |
| Massachusetts | 6 | 14 | 778 | 797 | 0.1 | 0.1 | 7.7 | 7.9 | 0 | (s) | 0.5 | 0.0 | 0.0 | 0.5 |
| Michigan | 0 | 26 | 1,244 | 1,270 | 0.0 | 0.3 | 12.3 | 12.6 | 0 | 2.5 | 0.5 | 0.0 | 0.0 | 3.0 |
| Minnesota | 0 | 96 | 558 | 654 | 0.0 | 0.9 | 5.5 | 6.5 | 0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.6 |
| Mississippi | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | (s) | 0.6 | (s) | 0.0 | 0.6 |
| Missouri | 0 | 0 | 1,204 | 1,204 | 0.0 | 0.0 | 11.9 | 11.9 | 0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 |
| Montana | 0 | 0 | 9,364 | 9,364 | 0.0 | 0.0 | 92.6 | 92.6 | 0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.3 |
| Nebraska | 0 | 0 | 347 | 347 | 0.0 | 0.0 | 3.4 | 3.4 | 0 | 0.2 | 0.6 | 0.0 | 0.0 | 0.8 |
| Nevada | 0 | 0 | 2,003 | 2,003 | 0.0 | 0.0 | 19.8 | 19.8 | 1,253 | 0.2 | 0.6 | 0.4 | 26.3 | 27.6 |
| New Hampshire | 0 | 4 | 1,261 | 1,265 | 0.0 | (s) | 12.5 | 12.5 | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| New Jersey | 0 | 0 | 21 | 21 | 0.0 | 0.0 | 0.2 | 0.2 | 0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 |
| New Mexico | 0 | 0 | 268 | 268 | 0.0 | 0.0 | 2.6 | 2.6 | 0 | (s) | 0.1 | 0.6 | 0.0 | 0.7 |
| New York | 4 | 58 | 25,191 | 25,253 | (s) | 0.6 | 249.0 | 249.6 | 0 | 0.2 | 0.6 | 0.0 | 0.0 | 0.7 |
| North Carolina | 7 | 2 | 2,975 | 2,984 | 0.1 | (s) | 29.4 | 29.5 | 0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.6 |
| North Dakota | 0 | 0 | 1,305 | 1,305 | 0.0 | 0.0 | 12.9 | 12.9 | 0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.6 |
| Ohio | 0 | 0 | 410 | 410 | 0.0 | 0.0 | 4.1 | 4.1 | 0 | 1.5 | 0.5 | 0.0 | 0.0 | 2.0 |
| Oklahoma | 0 | 0 | 3,066 | 3,066 | 0.0 | 0.0 | 30.3 | 30.3 | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| Oregon | 0 | 0 | 33,587 | 33,587 | 0.0 | 0.0 | 332.0 | 332.0 | 0 | 0.3 | 0.5 | 0.2 | 0.0 | 1.0 |
| Pennsylvania | 0 | 0 | 2,236 | 2,236 | 0.0 | 0.0 | 22.1 | 22.1 | 0 | 0.8 | 0.5 | 0.0 | 0.0 | 1.3 |
| Rhode Island | 0 | 0 | 4 | 4 | 0.0 | 0.0 | (s) | (s) | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| South Carolina | 1 | 0 | 1,555 | 1,556 | (s) | 0.0 | 15.4 | 15.4 | 0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| South Dakota | 0 | 0 | 2,917 | 2,917 | 0.0 | 0.0 | 28.8 | 28.8 | 0 | 0.2 | 0.7 | 0.1 | 0.0 | 0.9 |
| Tennessee | 0 | 0 | 4,940 | 4,940 | 0.0 | 0.0 | 48.8 | 48.8 | 0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| Texas | 0 | 0 | 1,644 | 1,644 | 0.0 | 0.0 | 16.3 | 16.3 | 0 | 0.9 | 0.6 | 0.0 | 0.0 | 1.5 |
| Utah | 0 | 0 | 539 | 539 | 0.0 | 0.0 | 5.3 | 5.3 | 164 | (s) | 0.3 | 0.4 | 3.4 | 4.2 |
| Vermont | 0 | 2 | 645 | 647 | 0.0 | (s) | 6.4 | 6.4 | 0 | (s) | 0.0 | 0.0 | 0.0 | (s) |
| Virginia | 0 | 7 | 1,242 | 1,248 | 0.0 | 0.1 | 12.3 | 12.3 | 0 | 0.5 | 0.6 | 0.0 | 0.0 | 1.0 |
| Washington | 45 | 3 | 78,781 | 78,829 | 0.4 | (s) | 778.7 | 779.1 | 0 | 0.1 | 0.7 | 0.0 | 0.0 | 0.7 |
| West Virginia | 0 | 449 | 806 | 1,254 | 0.0 | 4.4 | 8.0 | 12.4 | 0 | (s) | (s) | 0.0 | 0.0 | (s) |
| Wisconsin | 1 | 179 | 1,336 | 1,516 | (s) | 1.8 | 13.2 | 15.0 | 0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| Wyoming | 0 | 0 | 729 | 729 | 0.0 | 0.0 | 7.2 | 7.2 | 0 | (s) | 0.6 | (s) | 0.0 | 0.6 |
| United States | 77 | 1,590 | 245,843 | 247,510 | 0.8 | 15.7 | 2,429.9 | 2,446.4 | 14,637 | 22.0 | 14.4 | 4.7 | 307.6 | 348.7 |

Where shown, (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: • There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.

• Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.