

Table F15: Solar and Wind Consumption Estimates by Sector, 2005

| State | Solar Thermal and Photovoltaic | | | | Wind | | | |
|----------------|--------------------------------|--------------------------|----------------|-------|-----------------------|--------|----------------|-------|
| | Electric Power | Residential ^a | Electric Power | Total | Electric Power | Total | Electric Power | Total |
| | Million Kilowatthours | Trillion Btu | | | Million Kilowatthours | | Trillion Btu | |
| Alabama | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| Alaska | 0 | (s) | 0.0 | (s) | 1 | 1 | (s) | (s) |
| Arizona | 14 | 2.9 | 0.1 | 3.1 | 0 | 0 | 0.0 | 0.0 |
| Arkansas | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| California | 537 | 16.9 | 5.4 | 22.3 | 4,262 | 4,262 | 42.6 | 42.6 |
| Colorado | 0 | 0.2 | 0.0 | 0.2 | 776 | 776 | 7.8 | 7.8 |
| Connecticut | 0 | 0.7 | 0.0 | 0.7 | 0 | 0 | 0.0 | 0.0 |
| Delaware | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Dist. of Col. | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Florida | 0 | 27.6 | 0.0 | 27.6 | 0 | 0 | 0.0 | 0.0 |
| Georgia | 0 | 0.3 | 0.0 | 0.3 | 0 | 0 | 0.0 | 0.0 |
| Hawaii | 0 | 1.5 | 0.0 | 1.5 | 7 | 7 | 0.1 | 0.1 |
| Idaho | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Illinois | 0 | 0.8 | 0.0 | 0.8 | 141 | 141 | 1.4 | 1.4 |
| Indiana | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| Iowa | 0 | (s) | 0.0 | (s) | 1,647 | 1,647 | 16.5 | 16.5 |
| Kansas | 0 | (s) | 0.0 | (s) | 426 | 426 | 4.3 | 4.3 |
| Kentucky | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Louisiana | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| Maine | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| Maryland | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| Massachusetts | 0 | 0.2 | 0.0 | 0.2 | 0 | 0 | 0.0 | 0.0 |
| Michigan | 0 | 0.3 | 0.0 | 0.3 | 2 | 2 | (s) | (s) |
| Minnesota | 0 | 0.2 | 0.0 | 0.2 | 1,582 | 1,582 | 15.8 | 15.8 |
| Mississippi | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Missouri | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Montana | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Nebraska | 0 | (s) | 0.0 | (s) | 97 | 97 | 1.0 | 1.0 |
| Nevada | 0 | 0.8 | 0.0 | 0.8 | 0 | 0 | 0.0 | 0.0 |
| New Hampshire | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| New Jersey | 0 | 1.5 | 0.0 | 1.5 | 0 | 0 | 0.0 | 0.0 |
| New Mexico | 0 | 0.2 | 0.0 | 0.2 | 795 | 795 | 7.9 | 7.9 |
| New York | 0 | 0.9 | 0.0 | 0.9 | 103 | 103 | 1.0 | 1.0 |
| North Carolina | 0 | 0.1 | 0.0 | 0.1 | 0 | 0 | 0.0 | 0.0 |
| North Dakota | 0 | (s) | 0.0 | (s) | 220 | 220 | 2.2 | 2.2 |
| Ohio | 0 | 0.2 | 0.0 | 0.2 | 13 | 13 | 0.1 | 0.1 |
| Oklahoma | 0 | (s) | 0.0 | (s) | 848 | 848 | 8.5 | 8.5 |
| Oregon | 0 | 0.9 | 0.0 | 0.9 | 734 | 734 | 7.3 | 7.3 |
| Pennsylvania | 0 | 0.5 | 0.0 | 0.5 | 284 | 284 | 2.8 | 2.8 |
| Rhode Island | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| South Carolina | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| South Dakota | 0 | (s) | 0.0 | (s) | 158 | 158 | 1.6 | 1.6 |
| Tennessee | 0 | (s) | 0.0 | (s) | 3 | 3 | (s) | (s) |
| Texas | 0 | 0.6 | 0.0 | 0.6 | 4,237 | 4,237 | 42.4 | 42.4 |
| Utah | 0 | (s) | 0.0 | (s) | 0 | 0 | 0.0 | 0.0 |
| Vermont | 0 | (s) | 0.0 | (s) | 11 | 11 | 0.1 | 0.1 |
| Virginia | 0 | 0.3 | 0.0 | 0.3 | 0 | 0 | 0.0 | 0.0 |
| Washington | 0 | 0.1 | 0.0 | 0.1 | 498 | 498 | 5.0 | 5.0 |
| West Virginia | 0 | (s) | 0.0 | (s) | 154 | 154 | 1.5 | 1.5 |
| Wisconsin | 0 | 0.2 | 0.0 | 0.2 | 93 | 93 | 0.9 | 0.9 |
| Wyoming | 0 | (s) | 0.0 | (s) | 717 | 717 | 7.2 | 7.2 |
| United States | 550 | 58.9 | 5.5 | 64.4 | 17,811 | 17,811 | 178.1 | 178.1 |

^a Includes solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Section 5 of the Technical Notes for explanation of estimation methodology.
(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.