

Table 1.18 Renewable electric power sector net generation by energy source and State, 2009

(thousand kilowatthours)

| State | NonHydroelectric | | | | | | | | | |
|----------------------|-------------------------------|--|-------------------------------|---|------------|-------------------------|-------------------------|------------|------------|-------|
| | Hydroelectric Conventional | Biomass | | | Geothermal | Solar Thermal/ PV | | | Total | Total |
| | | Waste | | Wood and Derived Fuels ³ | | Wind | Solar Thermal/ PV | | | |
| | | Landfill Gas/MSW Biogenic ¹ | Other Biomass ² | | | | | | | |
| Alabama | 12,535,373 | - | 2,050 | 245,980 | - | - | - | 248,030 | 12,783,403 | |
| Alaska | 1,323,744 | - | - | - | - | - | 7,027 | 7,027 | 1,330,771 | |
| Arizona | 6,427,345 | 18,299 | - | 136,641 | - | 14,145 | 29,545 | 198,630 | 6,625,975 | |
| Arkansas | 4,192,706 | 34,371 | 17,645 | - | - | - | - | 52,016 | 4,244,722 | |
| California | 27,887,707 | 1,636,022 | 353,959 | 3,051,079 | 12,852,783 | 647,390 | 5,839,813 | 24,381,046 | 52,268,752 | |
| Colorado | 1,885,724 | 17,463 | 38,701 | 388 | - | 25,585 | 3,163,836 | 3,245,973 | 5,131,697 | |
| Connecticut | 509,546 | 758,108 | - | 622 | - | - | - | 758,730 | 1,268,276 | |
| Delaware | - | 125,611 | - | - | - | - | - | 125,611 | 125,611 | |
| District of Columbia | - | - | - | - | - | - | - | - | - | |
| Florida | 208,202 | 1,846,339 | 187,079 | 325,226 | - | 9,470 | - | 2,368,115 | 2,576,317 | |
| Georgia | 3,252,094 | 29,737 | - | - | - | - | - | 29,737 | 3,281,831 | |
| Hawaii | 77,259 | - | 93,983 | - | 167,591 | 1,390 | 251,427 | 514,391 | 591,650 | |
| Idaho | 10,434,264 | - | - | 75,613 | 75,950 | - | 313,418 | 464,981 | 10,899,245 | |
| Illinois | 136,380 | 709,136 | 44 | - | - | 16 | 2,819,532 | 3,528,728 | 3,665,108 | |
| Indiana | 503,470 | 259,483 | - | - | - | - | 1,403,192 | 1,662,674 | 2,166,144 | |
| Iowa | 971,165 | 93,417 | 27,388 | 194 | - | - | 7,420,520 | 7,541,518 | 8,512,683 | |
| Kansas | 12,798 | - | - | - | - | - | 2,863,267 | 2,863,267 | 2,876,065 | |
| Kentucky | 3,317,641 | 96,393 | - | - | - | - | - | 96,393 | 3,414,034 | |
| Louisiana | 1,236,351 | - | 66,166 | - | - | - | - | 66,166 | 1,302,517 | |
| Maine | 3,454,424 | 131,422 | 3,632 | 1,734,756 | - | - | 298,623 | 2,168,433 | 5,622,857 | |
| Maryland | 1,888,769 | 359,553 | - | - | - | - | - | 359,553 | 2,248,322 | |
| Massachusetts | 1,185,836 | 1,103,995 | - | 115,384 | - | - | 5,748 | 1,225,126 | 2,410,963 | |
| Michigan | 1,347,406 | 678,429 | 11 | 871,994 | - | - | 300,172 | 1,850,606 | 3,198,012 | |
| Minnesota | 675,103 | 376,490 | 495,419 | 319,243 | - | - | 5,053,022 | 6,244,174 | 6,919,276 | |
| Mississippi | - | - | - | - | - | - | - | - | - | |
| Missouri | 1,816,693 | 49,808 | 18,790 | - | - | - | 499,377 | 567,975 | 2,384,668 | |
| Montana | 9,505,940 | - | - | - | - | - | 820,924 | 820,924 | 10,326,864 | |
| Nebraska | 433,690 | 47,449 | 4,623 | - | - | - | 382,634 | 434,706 | 868,396 | |
| Nevada | 2,460,595 | - | - | 890 | 1,633,213 | 174,309 | - | 1,808,412 | 4,269,007 | |
| New Hampshire | 1,671,475 | 151,278 | - | 983,501 | - | - | 62,477 | 1,197,256 | 2,868,731 | |
| New Jersey | 32,081 | 756,459 | - | - | - | 10,707 | 20,918 | 788,084 | 820,165 | |
| New Mexico | 270,963 | - | 33,664 | - | - | - | 1,546,718 | 1,580,382 | 1,851,345 | |
| New York | 27,490,361 | 1,549,036 | - | 249,926 | - | - | 2,266,339 | 4,065,301 | 31,555,662 | |
| North Carolina | 5,155,366 | 120,191 | 7,840 | 495,163 | - | 4,563 | - | 627,758 | 5,783,123 | |
| North Dakota | 1,475,251 | - | - | - | - | - | 2,997,530 | 2,997,530 | 4,472,781 | |
| Ohio | 527,746 | 198,144 | - | 23,041 | - | - | 14,114 | 235,299 | 763,045 | |
| Oklahoma | 3,552,573 | - | - | - | - | - | 2,698,199 | 2,698,199 | 6,250,772 | |
| Oregon | 33,033,513 | 109,965 | - | 218,833 | - | - | 3,469,714 | 3,798,512 | 36,832,025 | |
| Pennsylvania | 2,682,866 | 1,469,614 | - | 199,742 | - | 3,562 | 1,074,788 | 2,747,705 | 5,430,571 | |
| Rhode Island | 4,736 | 144,600 | - | - | - | - | - | 144,600 | 149,336 | |
| South Carolina | 2,330,770 | 115,050 | - | 281,612 | - | - | - | 396,662 | 2,727,432 | |

See footnotes at end of table.

Table 1.18 Renewable electric power sector net generation by energy source and State, 2009 (cont.)

(thousand kilowatthours)

| State | NonHydroelectric | | | | | | | | Total | Total |
|-------------------|-------------------------------|----------------------------------|-------------------------------|---|-------------------|----------------|-------------------|--------------------|--------------------|-------|
| | Hydroelectric Conventional | Biomass | | | Geothermal | Solar | | Total | | |
| | | Gas/MSW Biogenic ¹ | Other Biomass ² | Wood and Derived Fuels ³ | | PV | Wind | | | |
| | | | | | | | | | | |
| South Dakota | 4,432,451 | - | 5,775 | - | - | - | 420,981 | 426,756 | 4,859,207 | |
| Tennessee | 10,211,962 | 28,891 | 8 | - | - | - | 51,747 | 80,646 | 10,292,608 | |
| Texas | 1,028,657 | 378,278 | - | - | - | - | 20,026,103 | 20,404,381 | 21,433,038 | |
| Utah | 835,257 | 47,878 | - | - | 279,121 | - | 159,537 | 486,536 | 1,321,793 | |
| Vermont | 1,460,853 | 24,190 | - | 393,266 | - | - | 11,589 | 429,045 | 1,889,899 | |
| Virginia | 1,468,406 | 523,284 | - | 440,576 | - | - | - | 963,860 | 2,432,265 | |
| Washington | 72,885,620 | 156,068 | - | 358,563 | - | - | 3,572,486 | 4,087,117 | 76,972,737 | |
| West Virginia | 1,027,360 | - | -149 | -689 | - | - | 742,439 | 741,602 | 1,768,962 | |
| Wisconsin | 1,280,831 | 452,924 | -161 | 216,371 | - | - | 1,051,965 | 1,721,098 | 3,001,929 | |
| Wyoming | 966,572 | - | - | - | - | - | 2,226,205 | 2,226,205 | 3,192,777 | |
| U.S. Total | 271,505,893 | 14,597,376 | 1,356,468 | 10,737,915 | 15,008,658 | 891,137 | 73,885,924 | 116,477,478 | 387,983,371 | |

¹Includes landfill gas and MSW biogenic (paper and paper board, wood, food, leather, textiles and yard trimmings).

²Agriculture byproducts/crops, sludge waste, and other biomass solids, liquids and gases.

³Black liquor, and wood/wood waste solids and liquids.

MSW = Municipal Solid Waste.

PV = Photovoltaic.

- = No data reported.

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

The electric power sector comprises electricity-only and combined-heat-power (CHP) plants within North American Classification System (NAICS) 22 category whose primary business is to sell electricity, or electricity and heat, to the public.

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."