

Table 1.20 Total Renewable Net Generation by Energy Source and State, 2007

(Thousand Kilowatthours)

| State | Biomass | | | Geothermal | Hydroelectric Conventional | Solar/PV | Wind | Total |
|----------------------|--|-------------------------------|--|-------------------|-------------------------------|----------------|-------------------|--------------------|
| | Waste | | Wood and Derived Fuels ³ | | | | | |
| | Landfill Gas/MSW Biogenic ¹ | Other Biomass ² | | | | | | |
| Alabama | 3,520 | 13,218 | 3,783,882 | - | 4,136,114 | - | - | 7,936,734 |
| Alaska | - | 10,196 | s | - | 1,291,223 | - | 1,012 | 1,302,453 |
| Arizona | 28,507 | 4,483 | - | - | 6,597,671 | 8,649 | - | 6,639,310 |
| Arkansas | 33,438 | 9,503 | 1,580,803 | - | 3,236,753 | - | - | 4,860,497 |
| California | 1,657,098 | 648,130 | 3,407,416 | 12,990,711 | 27,327,751 | 556,969 | 5,584,933 | 52,173,008 |
| Colorado | - | 31,105 | - | - | 1,729,533 | 2,208 | 1,291,516 | 3,054,362 |
| Connecticut | 728,164 | - | 1,676 | - | 363,261 | - | - | 1,093,100 |
| Delaware | 48,116 | - | - | - | - | - | - | 48,116 |
| District of Columbia | - | - | - | - | - | - | - | - |
| Florida | 1,794,490 | 578,529 | 1,929,798 | - | 154,446 | - | - | 4,457,264 |
| Georgia | 16,221 | 37,103 | 3,362,097 | - | 2,236,188 | - | - | 5,651,610 |
| Hawaii | 169,450 | 115,827 | - | 229,886 | 92,343 | - | 238,184 | 845,691 |
| Idaho | - | - | 480,582 | - | 9,021,690 | - | 172,267 | 9,674,539 |
| Illinois | 603,225 | 17,100 | - | - | 153,727 | - | 664,427 | 1,438,480 |
| Indiana | 231,247 | - | - | - | 449,936 | - | - | 681,183 |
| Iowa | 122,715 | 28,368 | s | - | 962,346 | - | 2,756,676 | 3,870,121 |
| Kansas | - | - | - | - | 10,501 | - | 1,152,538 | 1,163,039 |
| Kentucky | 93,440 | 1,973 | 370,210 | - | 1,668,587 | - | - | 2,134,210 |
| Louisiana | - | 81,512 | 2,898,371 | - | 826,642 | - | - | 3,806,525 |
| Maine | 208,081 | 52,262 | 3,847,566 | - | 3,738,168 | - | 99,071 | 7,945,147 |
| Maryland | 400,364 | - | 203,097 | - | 1,652,216 | - | - | 2,255,678 |
| Massachusetts | 1,094,431 | 26,636 | 119,157 | - | 797,482 | - | - | 2,037,706 |
| Michigan | 721,284 | 538 | 1,692,202 | - | 1,269,989 | - | 2,723 | 3,686,736 |
| Minnesota | 423,482 | 142,889 | 727,455 | - | 653,822 | - | 2,638,812 | 4,586,460 |
| Mississippi | - | 5,017 | 1,488,348 | - | - | - | - | 1,493,365 |
| Missouri | 21,944 | 7,245 | s | - | 1,204,326 | - | - | 1,233,635 |
| Montana | - | - | 110,945 | - | 9,364,336 | - | 495,776 | 9,971,057 |
| Nebraska | 46,184 | 15,075 | - | - | 347,444 | - | 216,765 | 625,468 |
| Nevada | - | - | - | 1,252,691 | 2,003,191 | 43,967 | - | 3,299,849 |
| New Hampshire | 152,816 | - | 970,456 | - | 1,265,229 | - | - | 2,388,501 |
| New Jersey | 822,453 | 713 | - | - | 20,909 | - | 20,412 | 864,487 |
| New Mexico | - | 15,994 | - | - | 267,978 | - | 1,393,239 | 1,677,211 |
| New York | 1,441,930 | 7,416 | 492,261 | - | 25,252,555 | - | 833,476 | 28,027,639 |
| North Carolina | 85,745 | 1,100 | 1,585,374 | - | 2,984,159 | - | - | 4,656,377 |
| North Dakota | - | 13,507 | - | - | 1,305,393 | - | 620,772 | 1,939,672 |
| Ohio | 10,972 | 10,045 | 399,378 | - | 410,436 | - | 14,748 | 845,579 |
| Oklahoma | 3,721 | - | 276,133 | - | 3,065,862 | - | 1,849,144 | 5,194,860 |
| Oregon | 100,389 | 38,345 | 842,565 | - | 33,587,439 | - | 1,246,994 | 35,815,732 |
| Pennsylvania | 1,440,683 | 15,928 | 619,567 | - | 2,235,982 | - | 470,018 | 4,782,178 |
| Rhode Island | 154,757 | - | - | - | 4,364 | - | - | 159,121 |
| South Carolina | 100,602 | - | 1,895,432 | - | 1,555,912 | - | - | 3,551,946 |
| South Dakota | - | - | - | - | 2,917,283 | - | 150,018 | 3,067,301 |
| Tennessee | 19,228 | 33,252 | 868,110 | - | 4,939,601 | - | 49,937 | 5,910,127 |
| Texas | 322,272 | 44,793 | 914,164 | - | 1,644,437 | - | 9,006,383 | 11,932,049 |
| Utah | 31,030 | - | - | 163,925 | 538,782 | - | - | 733,738 |
| Vermont | - | - | 453,038 | - | 646,605 | - | 10,511 | 1,110,153 |
| Virginia | 752,928 | 20,317 | 1,792,326 | - | 1,248,264 | - | - | 3,813,835 |
| Washington | 162,890 | 13,461 | 1,116,380 | - | 78,829,195 | - | 2,437,823 | 82,559,749 |
| West Virginia | - | - | - | - | 1,254,397 | - | 167,588 | 1,421,985 |
| Wisconsin | 413,771 | 21,384 | 785,079 | - | 1,516,083 | - | 109,283 | 2,845,600 |
| Wyoming | - | - | - | - | 729,424 | - | 754,881 | 1,484,305 |
| U.S. Total | 14,461,588 | 2,062,966 | 39,014,024 | 14,637,213 | 247,509,974 | 611,793 | 34,449,927 | 352,747,486 |

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/woodwaste solids and liquids.

MSW = Municipal Solid Waste.

PV = Photovoltaic.

s = Less than 500 kilowatthours.

- = No data reported.

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

Revisions to biomass removed MSW non-biogenic and tires from renewable waste energy.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms: Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report."