

**Table 8. Total Renewable Net Summer Capacity by Energy Source and State, 2007 (Megawatts)**

| State                | Biomass                                  |                            |                                     | Geothermal   | Hydroelectric Conventional | Solar/PV   | Wind          | Total          |
|----------------------|--|----------------------------|-------------------------------------|--------------|----------------------------|------------|---------------|----------------|
|                      | Waste                                    |                            | Wood and Derived Fuels <sup>c</sup> |              |                            |            |               |                |
|                      | Landfill Gas / MSW Biogenic <sup>a</sup> | Other Biomass <sup>b</sup> |                                     |              |                            |            |               |                |
| Alabama              | -  | -                          | 581                                 | -            | 3,271                      | -          | -             | 3,852          |
| Alaska               | -  | -                          | -                                   | -            | 397                        | -          | 3             | 400            |
| Arizona              | 4  | -                          | 3                                   | -            | 2,720                      | 9          | -             | 2,736          |
| Arkansas             | 5  | 6                          | 292                                 | -            | 1,389                      | -          | -             | 1,691          |
| California           | 278                                      | 145                        | 584                                 | 2,032        | 10,088                     | 403        | 2,318         | 15,847         |
| Colorado             | -  | 10                         | -                                   | -            | 660                        | 8          | 1,064         | 1,742          |
| Connecticut          | 170                                      | -                          | -                                   | -            | 121                        | -          | -             | 291            |
| Delaware             | 7  | -                          | -                                   | -            | -                          | -          | -             | 7              |
| District of Columbia | -  | -                          | -                                   | -            | -                          | -          | -             | -              |
| Florida              | 463                                      | 193                        | 343                                 | -            | 55                         | -          | -             | 1,054          |
| Georgia              | 5  | 44                         | 450                                 | -            | 2,027                      | -          | -             | 2,526          |
| Hawaii               | 60                                       | 49                         | -                                   | 31           | 24                         | -          | 64            | 227            |
| Idaho                | -  | -                          | 75                                  | -            | 2,393                      | -          | 75            | 2,543          |
| Illinois             | 118                                      | 15                         | -                                   | -            | 33                         | -          | 541           | 708            |
| Indiana              | 40                                       | -                          | -                                   | -            | 60                         | -          | -             | 100            |
| Iowa                 | 11                                       | 3                          | -                                   | -            | 131                        | -          | 1,134         | 1,280          |
| Kansas               | -  | -                          | -                                   | -            | 3                          | -          | 363           | 366            |
| Kentucky             | 15                                       | -                          | 43                                  | -            | 815                        | -          | -             | 874            |
| Louisiana            | -  | 15                         | 318                                 | -            | 192                        | -          | -             | 525            |
| Maine                | 53                                       | 36                         | 620                                 | -            | 719                        | -          | 42            | 1,471          |
| Maryland             | 126                                      | -                          | 2                                   | -            | 566                        | -          | -             | 693            |
| Massachusetts        | 264                                      | 9                          | 26                                  | -            | 259                        | -          | -             | 557            |
| Michigan             | 152                                      | -                          | 210                                 | -            | 257                        | -          | 2             | 620            |
| Minnesota            | 129                                      | 55                         | 162                                 | -            | 175                        | -          | 1,136         | 1,656          |
| Mississippi          | -  | -                          | 229                                 | -            | -                          | -          | -             | 229            |
| Missouri             | 3  | -                          | -                                   | -            | 552                        | -          | -             | 555            |
| Montana              | -  | -                          | 17                                  | -            | 2,614                      | -          | 145           | 2,776          |
| Nebraska             | 6  | 4                          | -                                   | -            | 273                        | -          | 73            | 356            |
| Nevada               | -  | -                          | -                                   | 198          | 1,047                      | 78         | -             | 1,324          |
| New Hampshire        | 31                                       | -                          | 141                                 | -            | 494                        | -          | -             | 667            |
| New Jersey           | 181                                      | 20                         | -                                   | -            | 5                          | -          | 8             | 212            |
| New Mexico           | -  | 6                          | -                                   | -            | 82                         | -          | 494           | 582            |
| New York             | 325                                      | -                          | 37                                  | -            | 4,307                      | -          | 425           | 5,093          |
| North Carolina       | 14                                       | -                          | 324                                 | -            | 1,954                      | -          | -             | 2,292          |
| North Dakota         | -  | 10                         | -                                   | -            | 443                        | -          | 335           | 788            |
| Ohio                 | 4  | -                          | 64                                  | -            | 101                        | -          | 7             | 175            |
| Oklahoma             | 16                                       | -                          | 63                                  | -            | 851                        | -          | 594           | 1,524          |
| Oregon               | 17                                       | 3                          | 195                                 | -            | 8,374                      | -          | 846           | 9,434          |
| Pennsylvania         | 359                                      | -                          | 108                                 | -            | 748                        | -          | 293           | 1,508          |
| Rhode Island         | 24                                       | -                          | -                                   | -            | 4                          | -          | -             | 28             |
| South Carolina       | 29                                       | -                          | 220                                 | -            | 1,345                      | -          | -             | 1,594          |
| South Dakota         | -  | -                          | -                                   | -            | 1,516                      | -          | 43            | 1,559          |
| Tennessee            | 5  | 2                          | 145                                 | -            | 2,642                      | -          | 29            | 2,822          |
| Texas                | 55                                       | 16                         | 130                                 | -            | 680                        | -          | 4,006         | 4,886          |
| Utah                 | 4  | -                          | -                                   | 33           | 255                        | -          | -             | 292            |
| Vermont              | -  | -                          | 76                                  | -            | 309                        | -          | 5             | 390            |
| Virginia             | 170                                      | -                          | 409                                 | -            | 671                        | -          | -             | 1,250          |
| Washington           | 35                                       | -                          | 345                                 | -            | 21,171                     | 1          | 1,165         | 22,718         |
| West Virginia        | -  | -                          | -                                   | -            | 264                        | -          | 66            | 330            |
| Wisconsin            | 62                                       | 1                          | 220                                 | -            | 476                        | -          | 53            | 813            |
| Wyoming              | -  | -                          | -                                   | -            | 303                        | -          | 287           | 590            |
| <b>Total</b>         | <b>3,238</b>                             | <b>643</b>                 | <b>6,432</b>                        | <b>2,294</b> | <b>77,833</b>              | <b>498</b> | <b>15,616</b> | <b>106,553</b> |

<sup>a</sup> Total capacity whose primary energy source is landfill gas or MSW.

<sup>b</sup> Agriculture byproducts/crops, sludge waste and other biomass solids, liquids and gases.

<sup>c</sup> Black liquor, and wood/woodwaste solids and liquids.

PV=Photovoltaic.

MSW=Municipal Solid Waste.

\* =Less than 500 kilowatts.

Note: Dash indicates the state has no data to report for that energy source. Totals may not equal sum of components due to independent rounding. Data for 2007 is preliminary.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."