

RANKINGS Table C13. Renewable Energy Consumption Estimates by Source, Ranked by State, 2018

| Rank | Biomass ^a | | Geothermal | | Hydroelectric Power ^b | | Solar ^c | | Wind | |
|------|----------------------|--------------|----------------------|--------------|----------------------------------|--------------|----------------------|--------------|----------------------|--------------|
| | State | Trillion Btu | State | Trillion Btu | State | Trillion Btu | State | Trillion Btu | State | Trillion Btu |
| 1 | California | 296.9 | California | 108.4 | Washington | 736.4 | California | 381.7 | Texas | 689.2 |
| 2 | Texas | 270.8 | Nevada | 33.1 | Oregon | 322.7 | Arizona | 70.8 | Oklahoma | 248.9 |
| 3 | Iowa | 258.1 | Florida | 10.1 | New York | 269.8 | North Carolina | 57.8 | Iowa | 194.2 |
| 4 | Florida | 251.8 | Michigan | 5.2 | California | 239.7 | Florida | 53.5 | Kansas | 172.1 |
| 5 | Georgia | 247.5 | Utah | 4.9 | Montana | 103.8 | Nevada | 48.6 | California | 127.7 |
| 6 | Alabama | 193.4 | Indiana | 4.6 | Alabama | 101.4 | Texas | 36.3 | Illinois | 108.3 |
| 7 | Minnesota | 183.5 | Ohio | 3.4 | Idaho | 100.4 | New Jersey | 28.2 | North Dakota | 97.7 |
| 8 | Michigan | 179.0 | Oregon | 2.8 | Tennessee | 93.7 | Massachusetts | 28.2 | Minnesota | 97.5 |
| 9 | Pennsylvania | 172.6 | Kentucky | 2.7 | Arizona | 63.6 | Utah | 23.9 | Colorado | 88.7 |
| 10 | Illinois | 170.3 | Texas | 2.5 | North Carolina | 60.1 | Georgia | 21.0 | Washington | 71.9 |
| 11 | New York | 165.2 | Idaho | 2.3 | South Dakota | 57.0 | New York | 17.7 | Oregon | 67.8 |
| 12 | Wisconsin | 161.0 | Pennsylvania | 2.2 | Kentucky | 40.2 | Colorado | 15.3 | New Mexico | 55.5 |
| 13 | Virginia | 155.5 | Illinois | 2.0 | Pennsylvania | 38.8 | New Mexico | 14.8 | Nebraska | 50.5 |
| 14 | North Carolina | 149.3 | South Dakota | 1.9 | Georgia | 33.7 | Hawaii | 13.1 | Michigan | 49.7 |
| 15 | Washington | 145.9 | Louisiana | 1.8 | Maine | 29.7 | Maryland | 11.5 | Indiana | 49.5 |
| 16 | Louisiana | 140.2 | Virginia | 1.7 | North Dakota | 29.0 | Minnesota | 10.4 | Wyoming | 36.9 |
| 17 | Ohio | 134.2 | Iowa | 1.3 | South Carolina | 27.4 | Oregon | 8.5 | New York | 36.4 |
| 18 | Nebraska | 128.8 | Nebraska | 1.2 | Arkansas | 27.4 | Virginia | 8.2 | Pennsylvania | 32.5 |
| 19 | South Carolina | 128.5 | New York | 1.2 | Maryland | 25.8 | South Carolina | 6.9 | South Dakota | 25.8 |
| 20 | Indiana | 126.0 | Washington | 1.1 | Wisconsin | 21.8 | Connecticut | 6.5 | Missouri | 25.8 |
| 21 | Tennessee | 109.3 | Minnesota | 1.1 | Oklahoma | 18.5 | Idaho | 5.4 | Idaho | 24.2 |
| 22 | Maine | 108.2 | Hawaii | 1.0 | Nevada | 17.1 | Pennsylvania | 5.1 | Maine | 21.7 |
| 23 | Oregon | 95.0 | North Dakota | 1.0 | West Virginia | 16.8 | Indiana | 3.7 | Montana | 19.6 |
| 24 | Arkansas | 93.5 | Kansas | 1.0 | Colorado | 16.6 | Alabama | 3.4 | West Virginia | 16.1 |
| 25 | Mississippi | 72.8 | North Carolina | 1.0 | Virginia | 16.1 | Mississippi | 3.1 | Ohio | 15.9 |
| 26 | Missouri | 71.8 | Mississippi | 1.0 | Alaska | 15.2 | Missouri | 3.0 | Wisconsin | 14.9 |
| 27 | South Dakota | 64.8 | Massachusetts | 0.9 | Michigan | 14.3 | Ohio | 2.8 | Utah | 7.2 |
| 28 | Massachusetts | 63.8 | Arkansas | 0.8 | Nebraska | 12.6 | Illinois | 2.7 | Hawaii | 5.5 |
| 29 | Kentucky | 58.4 | Colorado | 0.8 | New Hampshire | 12.3 | Tennessee | 2.4 | Maryland | 5.2 |
| 30 | New Jersey | 57.7 | Wyoming | 0.7 | Vermont | 11.5 | Michigan | 2.3 | North Carolina | 4.9 |
| 31 | Oklahoma | 49.8 | South Carolina | 0.6 | Louisiana | 10.7 | Vermont | 2.3 | Arizona | 4.8 |
| 32 | Maryland | 47.4 | Wisconsin | 0.6 | Massachusetts | 10.3 | Louisiana | 2.2 | New Hampshire | 3.7 |
| 33 | Idaho | 46.7 | Maryland | 0.6 | Texas | 10.3 | Arkansas | 2.1 | Vermont | 3.4 |
| 34 | Kansas | 46.6 | New Mexico | 0.5 | Minnesota | 9.6 | Washington | 1.5 | Nevada | 2.8 |
| 35 | New Hampshire | 45.0 | New Jersey | 0.5 | Wyoming | 8.9 | Delaware | 1.5 | Massachusetts | 2.0 |
| 36 | Colorado | 43.2 | Delaware | 0.4 | Utah | 8.4 | Iowa | 1.3 | Rhode Island | 1.4 |
| 37 | Arizona | 38.9 | Missouri | 0.4 | Iowa | 8.4 | Wisconsin | 1.3 | Alaska | 1.4 |
| 38 | Connecticut | 38.7 | Arizona | 0.3 | Missouri | 7.5 | Rhode Island | 1.2 | Tennessee | 0.4 |
| 39 | North Dakota | 32.9 | Montana | 0.3 | Connecticut | 5.1 | New Hampshire | 1.1 | New Jersey | 0.2 |
| 40 | Vermont | 27.0 | Georgia | 0.3 | Ohio | 2.2 | Maine | 0.8 | Connecticut | 0.1 |
| 41 | New Mexico | 23.1 | Tennessee | 0.2 | Florida | 2.1 | Kentucky | 0.7 | Delaware | (s) |
| 42 | Montana | 22.8 | Alaska | 0.2 | Indiana | 2.0 | Oklahoma | 0.7 | Alabama | 0.0 |
| 43 | West Virginia | 20.6 | Alabama | 0.1 | New Mexico | 1.4 | District of Columbia | 0.7 | Arkansas | 0.0 |
| 44 | Utah | 16.9 | Maine | 0.1 | Illinois | 1.3 | Montana | 0.5 | District of Columbia | 0.0 |
| 45 | Nevada | 15.7 | Rhode Island | 0.1 | Hawaii | 0.9 | Nebraska | 0.4 | Florida | 0.0 |
| 46 | Hawaii | 10.7 | West Virginia | (s) | New Jersey | 0.3 | Kansas | 0.3 | Georgia | 0.0 |
| 47 | Wyoming | 8.4 | New Hampshire | (s) | Kansas | 0.2 | West Virginia | 0.1 | Kentucky | 0.0 |
| 48 | Alaska | 8.2 | Vermont | (s) | Rhode Island | (s) | Wyoming | 0.1 | Louisiana | 0.0 |
| 49 | Rhode Island | 7.3 | Oklahoma | (s) | Delaware | 0.0 | South Dakota | (s) | Mississippi | 0.0 |
| 50 | Delaware | 6.1 | District of Columbia | (s) | District of Columbia | 0.0 | Alaska | (s) | South Carolina | 0.0 |
| 51 | District of Columbia | 2.0 | Connecticut | (s) | Mississippi | 0.0 | North Dakota | (s) | Virginia | 0.0 |
| | United States | 5,011.7 | United States | 208.9 | United States | 2,663.1 | United States | 915.5 | United States | 2,482.4 |

^a Includes wood and biomass waste, biodiesel and fuel ethanol, and losses and co-products from biofuel production.

^b Conventional hydroelectric power.

^c Solar thermal and photovoltaic energy.

Where shown, (s) = Value less than 0.05 trillion Btu.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

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