

Table 8. U.S. Renewable Energy Consumption (quadrillion Btu)
 U.S. Energy Information Administration | Short-Term Energy Outlook - June 2026

| | 2025 | | | | 2026 | | | | 2027 | | | | Year | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | 2025 | 2026 | 2027 |
| All Sectors | 2.158 | 2.274 | 2.165 | 2.179 | 2.250 | 2.442 | 2.391 | 2.340 | 2.421 | 2.638 | 2.534 | 2.451 | 8.777 | 9.422 | 10.044 |
| Biodiesel, renewable diesel, and other (g) | 0.132 | 0.128 | 0.133 | 0.144 | 0.126 | 0.184 | 0.212 | 0.219 | 0.214 | 0.234 | 0.241 | 0.237 | 0.538 | 0.741 | 0.926 |
| Biofuel losses and co-products (d) | 0.207 | 0.204 | 0.211 | 0.220 | 0.214 | 0.210 | 0.217 | 0.220 | 0.211 | 0.213 | 0.218 | 0.223 | 0.843 | 0.861 | 0.866 |
| Ethanol (f) | 0.281 | 0.299 | 0.303 | 0.301 | 0.277 | 0.302 | 0.304 | 0.298 | 0.280 | 0.300 | 0.301 | 0.299 | 1.184 | 1.181 | 1.180 |
| Geothermal | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.025 | 0.029 | 0.029 | 0.030 | 0.025 | 0.029 | 0.028 | 0.117 | 0.113 | 0.113 |
| Hydroelectric power (a) | 0.216 | 0.237 | 0.189 | 0.201 | 0.261 | 0.234 | 0.200 | 0.190 | 0.228 | 0.249 | 0.208 | 0.195 | 0.843 | 0.886 | 0.879 |
| Solar (b)(f) | 0.267 | 0.415 | 0.431 | 0.278 | 0.319 | 0.488 | 0.503 | 0.324 | 0.366 | 0.566 | 0.594 | 0.380 | 1.390 | 1.633 | 1.906 |
| Waste biomass (c) | 0.096 | 0.091 | 0.090 | 0.095 | 0.093 | 0.092 | 0.094 | 0.097 | 0.092 | 0.093 | 0.095 | 0.096 | 0.372 | 0.376 | 0.377 |
| Wood biomass | 0.476 | 0.468 | 0.491 | 0.477 | 0.466 | 0.478 | 0.512 | 0.511 | 0.499 | 0.496 | 0.517 | 0.514 | 1.912 | 1.967 | 2.027 |
| Wind | 0.455 | 0.404 | 0.289 | 0.435 | 0.465 | 0.429 | 0.320 | 0.452 | 0.500 | 0.462 | 0.330 | 0.480 | 1.583 | 1.667 | 1.772 |
| Electric power sector | 0.953 | 1.028 | 0.889 | 0.926 | 1.053 | 1.103 | 0.989 | 0.965 | 1.092 | 1.220 | 1.089 | 1.046 | 3.795 | 4.110 | 4.447 |
| Geothermal | 0.014 | 0.013 | 0.013 | 0.013 | 0.014 | 0.009 | 0.014 | 0.013 | 0.014 | 0.010 | 0.014 | 0.012 | 0.053 | 0.050 | 0.050 |
| Hydroelectric power (a) | 0.215 | 0.236 | 0.188 | 0.200 | 0.260 | 0.233 | 0.199 | 0.189 | 0.227 | 0.247 | 0.207 | 0.194 | 0.839 | 0.882 | 0.875 |
| Solar (b) | 0.187 | 0.300 | 0.316 | 0.198 | 0.231 | 0.358 | 0.375 | 0.236 | 0.271 | 0.427 | 0.456 | 0.286 | 1.001 | 1.200 | 1.440 |
| Waste biomass (c) | 0.039 | 0.037 | 0.037 | 0.038 | 0.038 | 0.038 | 0.039 | 0.039 | 0.038 | 0.039 | 0.040 | 0.038 | 0.151 | 0.154 | 0.155 |
| Wood biomass | 0.042 | 0.037 | 0.046 | 0.042 | 0.046 | 0.035 | 0.042 | 0.036 | 0.042 | 0.035 | 0.042 | 0.037 | 0.167 | 0.158 | 0.156 |
| Wind | 0.455 | 0.404 | 0.289 | 0.435 | 0.465 | 0.429 | 0.320 | 0.452 | 0.500 | 0.462 | 0.330 | 0.480 | 1.583 | 1.667 | 1.772 |
| Industrial sector (e) | 0.582 | 0.575 | 0.594 | 0.595 | 0.581 | 0.595 | 0.626 | 0.636 | 0.614 | 0.616 | 0.633 | 0.640 | 2.346 | 2.437 | 2.503 |
| Biofuel losses and co-products (d) | 0.207 | 0.204 | 0.211 | 0.220 | 0.214 | 0.210 | 0.217 | 0.220 | 0.211 | 0.213 | 0.218 | 0.223 | 0.843 | 0.861 | 0.866 |
| Geothermal | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.004 | 0.004 | 0.004 |
| Hydroelectric power (a) | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.003 | 0.003 |
| Solar (b) | 0.004 | 0.006 | 0.007 | 0.005 | 0.006 | 0.008 | 0.007 | 0.005 | 0.005 | 0.007 | 0.007 | 0.005 | 0.022 | 0.026 | 0.024 |
| Waste biomass (c) | 0.040 | 0.038 | 0.036 | 0.040 | 0.039 | 0.038 | 0.038 | 0.041 | 0.038 | 0.038 | 0.038 | 0.040 | 0.154 | 0.156 | 0.155 |
| Wood biomass | 0.324 | 0.320 | 0.332 | 0.323 | 0.315 | 0.333 | 0.357 | 0.363 | 0.353 | 0.351 | 0.363 | 0.365 | 1.300 | 1.369 | 1.432 |
| Commercial sector (e) | 0.064 | 0.072 | 0.074 | 0.065 | 0.066 | 0.076 | 0.077 | 0.068 | 0.068 | 0.080 | 0.081 | 0.071 | 0.275 | 0.288 | 0.300 |
| Geothermal | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.020 | 0.020 | 0.020 |
| Solar (b) | 0.018 | 0.026 | 0.026 | 0.017 | 0.020 | 0.030 | 0.031 | 0.022 | 0.024 | 0.034 | 0.034 | 0.024 | 0.087 | 0.102 | 0.117 |
| Waste biomass (c) | 0.017 | 0.016 | 0.017 | 0.017 | 0.016 | 0.016 | 0.017 | 0.018 | 0.015 | 0.016 | 0.017 | 0.018 | 0.067 | 0.067 | 0.066 |
| Wood biomass | 0.018 | 0.018 | 0.019 | 0.018 | 0.018 | 0.018 | 0.019 | 0.018 | 0.018 | 0.018 | 0.019 | 0.018 | 0.072 | 0.073 | 0.073 |
| Residential sector | 0.159 | 0.185 | 0.185 | 0.162 | 0.159 | 0.194 | 0.194 | 0.165 | 0.162 | 0.200 | 0.200 | 0.169 | 0.691 | 0.712 | 0.731 |
| Geothermal | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.040 | 0.039 | 0.039 |
| Solar (f) | 0.058 | 0.082 | 0.081 | 0.058 | 0.062 | 0.092 | 0.090 | 0.061 | 0.066 | 0.097 | 0.096 | 0.065 | 0.279 | 0.305 | 0.324 |
| Wood biomass | 0.092 | 0.093 | 0.094 | 0.094 | 0.087 | 0.093 | 0.094 | 0.094 | 0.087 | 0.093 | 0.094 | 0.094 | 0.372 | 0.367 | 0.367 |
| Transportation sector | 0.401 | 0.416 | 0.424 | 0.433 | 0.393 | 0.474 | 0.505 | 0.506 | 0.485 | 0.523 | 0.531 | 0.525 | 1.674 | 1.877 | 2.064 |
| Biodiesel, renewable diesel, and other (g) | 0.132 | 0.128 | 0.133 | 0.144 | 0.126 | 0.184 | 0.212 | 0.219 | 0.214 | 0.234 | 0.241 | 0.237 | 0.538 | 0.741 | 0.926 |
| Ethanol (g) | 0.269 | 0.287 | 0.291 | 0.289 | 0.266 | 0.290 | 0.293 | 0.287 | 0.270 | 0.289 | 0.290 | 0.288 | 1.137 | 1.137 | 1.138 |

(a) Energy consumption for conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.
 (b) Solar energy consumption by utility-scale power plants (capacity greater than or equal to 1 megawatt) in the electric power, commercial, and industrial sectors and energy consumption by small-scale solar photovoltaic systems (less than 1 megawatts in size).
 (c) Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass.
 (d) Losses and co-products from the production of fuel ethanol and biomass-based diesel
 (e) Subtotals for the industrial and commercial sectors might not equal the sum of the components. The subtotal for the industrial sector includes ethanol consumption that is not shown separately. The subtotal for the commercial sector includes ethanol and hydroelectric consumption that are not shown separately.
 (f) Solar consumption in the residential sector includes energy from small-scale solar photovoltaic systems (<1 megawatt), and it includes solar heating consumption in all sectors.
 (g) Fuel ethanol and biodiesel, renewable diesel, and other biofuels consumption in the transportation sector includes production, stock change, and imports less exports. Some biomass-based diesel may be consumed in the residential sector in heating oil.

Notes:
 EIA completed modeling and analysis for this report on June 4, 2026.
 The approximate break between historical and forecast values is shown with historical data with no shading; estimates and forecasts are shaded gray.
Sources:

Historical data: Latest data available from EIA databases supporting the following reports: *Electric Power Monthly*, *Electric Power Annual*, *Monthly Energy Review*, and *Petroleum Supply Monthly*.
 Minor discrepancies with published historical data are due to independent rounding and possible revisions not yet reflected in the STEO.
 Forecasts: EIA Short-Term Integrated Forecasting System.