

Table 1.10. Average Heat Content of Selected Biomass Fuels

| Fuel Type | Heat Content | Units |
|-------------------------|---------------------|---------------------------------|
| Agricultural Byproducts | 8.248 | Million Btu/Short Ton |
| Biodiesel | 5.359 | Million Btu/Barrel |
| Black Liquor | 11.758 | Million Btu/Short Ton |
| Digester Gas | 0.619 | Million Btu/Thousand Cubic Feet |
| Ethanol | 3.539 | Million Btu/Barrel |
| Landfill Gas | 0.490 | Million Btu/Thousand Cubic Feet |
| MSW Biogenic | 9.696 | Million Btu/Short Ton |
| Methane | 0.841 | Million Btu/Thousand Cubic Feet |
| Paper Pellets | 13.029 | Million Btu/Short Ton |
| Peat | 8.000 | Million Btu/Short Ton |
| Railroad Ties | 12.618 | Million Btu/Short Ton |
| Sludge Waste | 7.512 | Million Btu/Short Ton |
| Sludge Wood | 10.071 | Million Btu/Short Ton |
| Solid Byproducts | 25.830 | Million Btu/Short Ton |
| Spent Sulfite Liquor | 12.720 | Million Btu/Short Ton |
| Utility Poles | 12.500 | Million Btu/Short Ton |
| Waste Alcohol | 3.800 | Million Btu/Barrel |
| Wood/Wood Waste | 9.961 | Million Btu/Short Ton |

MSW=Municipal Solid Waste.

Note: For detailed characteristics of biomass feedstocks, see the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, website here: http://www1.eere.energy.gov/biomass/for_researchers.html .

Sources: Biodiesel and ethanol: Energy Information Administration, Monthly Energy Review October 2007, DOE/EIA-0035 (2007/10) (Washington, DC, October 2007), Table A3; MSW Biogenic: Energy Information Administration, Methodology for Allocating Municipal Solid Waste to Biogenic and Non-Biogenic Energy (Washington, DC, May 2007); and all other fuel types: Energy Information Administration, Form EIA-860B (1999), "Annual Electric Generator Report - Nonutility 1999."