

**Table 8. Industrial Biomass Energy Consumption and Electricity Net Generation by Industry and Energy Sources, 2003**

Industry	Energy Source	Biomass Energy Consumption (Trillion Btus)			Net Generation (Million Kilowatthours)
		Total	For Electricity	For Useful Thermal Output	
Total	Total	1,532.947	378.706	1,154.242	29,001
Agriculture, Forestry, and Mining	Total	9.010	2.720	6.290	167
	Agricultural Byproducts/Crops	9.010	2.720	6.290	167
Manufacturing	Total	1,444.208	375.986	1,068.222	28,834
Food and Kindred Industry Products	Total	41.318	5.176	36.142	104
	Agricultural Byproducts/Crops	37.153	4.073	33.079	28
	Other Biomass Gases	0.278	0.217	0.062	8
	Other Biomass Liquids	0.067	0.067	-	5
	Tires	0.379	0.179	0.201	14
	Wood/Wood Waste Solids	3.441	0.641	2.801	49
Lumber	Total	216.442	16.364	200.078	1,499
	Sludge Waste	0.058	0.019	0.039	3
	Wood/Wood Waste Liquids	0.248	0.080	0.168	12
	Wood/Wood Waste Solids	216.137	16.265	199.872	1,483
Paper and Allied Products	Total	1,150.781	352.138	798.643	27,039
	Agricultural Byproducts/Crops	1.131	0.092	1.040	7
	Black Liquor	814.120	239.340	574.780	18,311
	Landfill Gas	0.310	0.063	0.247	7
	Municipal Solid Waste	2.274	0.427	1.848	53
	Other Biomass Liquids	0.071	0.034	0.037	2
	Other Biomass Solids	0.741	0.586	0.155	59
	Sludge Waste	10.136	3.536	6.600	251
	Tires	7.540	2.627	4.913	253
	Wood/Wood Waste Liquids	21.019	4.697	16.322	416
	Wood/Wood Waste Solids	293.439	100.738	192.701	7,679
	Chemicals and Allied Products	Total	3.870	0.745	3.125
Landfill Gas		0.214	0.041	0.173	4
Municipal Solid Waste		1.398	0.122	1.276	12
Other Biomass Liquids		0.073	0.014	0.059	0
Other Biomass Solids		0.004	0.001	0.003	0
Sludge Waste		0.300	0.072	0.228	9
Wood/Wood Waste Solids		1.881	0.496	1.385	18
Other <sup>a</sup>	Total	31.797	1.564	30.233	149
Nonspecified <sup>b</sup>	Total	79.730	-	79.730	-
	Landfill Gas	74.730	-	74.730	-
	Municipal Solid Waste	5.000	-	5.000	-

<sup>a</sup>Other includes Apparel; Petroleum Refining; Rubber and Misc. Plastic Products; Transportation Equipment; Stone, Clay, Glass, and Concrete Products; Furniture and Fixtures; and related industries.

<sup>b</sup>Primary purpose of business is not specified.

- = Not Applicable.

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

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Government Advisory Associates, Resource Recovery Yearbook and Methane Recovery Yearbook; and analysis conducted by the Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.