



Energy Content of Selected Materials

LPG=70% C3H8 + 30% C4H10 Gasohol=90% Gasoline + 10% Ethanol			Energy Content	
Crude Oil	580000	Btu/Barrel	10,689.39	kWh/m ³
No. 2 Diesel			10,028.00	kWh/m ³
Biodiesel (B2)	129276	BTU/gal	10,010.21	kWh/m ³
Biodiesel (B20)	127259	BTU/gal	9,854.02	kWh/m ³
Biodiesel (B100)	118296	BTU/gal	9,159.99	kWh/m ³
Gasoline			8,056.00	kWh/m ³
Gasohol			7,794.00	kWh/m ³
Ethanol			5,442.00	kWh/m ³
Methanol			4,047.00	kWh/m ³
Bütan C4H10	29560	kcal/m ³	34.38	kWh/m ³
LPG	27445	kcal/m ³	31.92	kWh/m ³
Propane C3H8	22388	kcal/m ³	26.04	kWh/m ³
Natural Gas	9155	kcal/m ³	10.65	kWh/m ³
Metane - CH4	8580	kcal/m ³	9.98	kWh/m ³
Bituminous Coal (6000)	6000	Kcal/kg	6.98	kWh/Kg
Asphaltite	18000	kJ/kg	5.00	kWh/kg
Hydrogen - H2	2580	kcal/m ³	3.00	kWh/m ³
Woodchips	4500	BTU/lb	2.91	kWh/Kg
Lignite Coal (1100)	1100	Kcal/kg	1.28	kWh/Kg