Table 12.8 – Approximate Heat Content of Selected Fuels for Electric Power Generation

Fossil Fuels [1]	
Residual Oil (million Btu per barrel)	6.287
Distillate Oil (million Btu per barrel)	5.825
Natural Gas (Btu per million cubic ft)	1,020
Coal (million Btu per Short Ton)	20.381

Biomass Materials [2]	
Switchgrass Btu per pound	7,341
Bagasse, Btu per pound	6,065
Rice Hulls, Btu per pound	6,575
Poultry Litter, Btu per pound	6,187
Solid wood waste, Btu per pound	6-8,000

Sources:

1. EIA, *Annual Energy Outlook 2005*, DOE/EIA-0383 (2005) (Washington, D.C., February 2005), Table H1.

2. Animal Waste Screening Study, Electrotek Concepts, Inc., Arlington, VA. June 2001.