



Definitions

MW = Megawatt, production capacity in one hour
 kW = Kilowatt, production capacity in one hour
 MWh = Megawatts * number of hours worked
 kWh = Kilowatts * number of hours worked
 Btu = British Thermal Units, energy content of fuel

Conversion Factors and assumptions

Hypothetical plant capacity = 25MW
 kWh = 1,000 MWh
 1kw = 3,413 Btu
 1lb of wood = 7,600 Btu
 1lb = .0005 US Tons
 8,760 Hours in a year
 11,040 Average annual residential consumption (kWh)
 0.022 credit per kWh produced