More Useful Information...

ENERGY MEASUREMENT EQUIVALENTS

1 ton	2,000 pounds
1 barrel (oil)	42 gallons, or 5.6 cubic feet
1 watt	A metric unit of electrical power; the product of voltage and current
1,000 watts	1 kilowatt
1,000 kilowatts	1 megawatt
1 kilowatt hour	1000 watts of power used for one hour of time; equals 3,413 Btus
1,000 kilowatt hours	1 megawatt hour
1 quad	one quadrillion Btus
1 MW (megawatt)	1,000 kW (kilowatts)
1 Btu	Quantity of heat required to raise the temperature of one pound of water by one degree Fahrenheit
1,000 Btus	1 kBtu
1 therm	100,000 Btus
1 CCF	1,030,000 Btus
1 gallon	3.785 liters
1 MBTU	1,000,000 Btus
1 ST (Short Ton)	2,000 pounds
1 mcf	.0971 therms

ABBREVIATIONS

bbl	1 barrel (oil)
ccf	100 cubic feet
MW	megawatt
MMbtu	1 million Btus
kw	kilowatt
Btu	British thermal unit
kwh	kilowatt hour
kBtu	1,000 Btus
mcf	1,000 cubic feet
ST	short ton

ENERGY CONVERSION STATISTICS

Carbon dioxide emissions for 1 kWh	1.5 lbs.
Coal required to produce 1 kWh	1 lb.
Average U.S. cost of 1 kWh	8 cents
Average annual gallons of gasoline used per car	500 gallons
Average annual heat savings using 1 low-flow shower head	466 kWh
Average annual water savings using 1 low-flow shower head	14,000 gallons
Average annual savings using 1 faucet aerator	4,000 gallons
Average annual savings using 1 set of toilet dams	5,475 gallons

BTU CONVERSION FACTORS

FUEL TYPE	BTUS
Electricity (Kilowatt Hours) (Site)	3,413
Electricity (Kilowatt Hours) (Source)	11,600
Natural gas (MCF)	1,030,000
Fuel Oil (No. 2) - gallon	138,400
Fuel Oil (No. 6) - gallon	153,600
LPG (liquified propane) - gallon	95,475
Coal (standard short ton)	24,500,000
1 kilowatt hour	11,000
1 barrel of oil	6,250,000