



1 mmbtu to kwh

Carbon Calculator Energy Conversion Tools Common Energy Equivalents: Electricity: 1 kW = 3,413 Btu/hr Natural gas: 1 cu ft natural gas: 1 cu ft natural gas: 1 cu ft natural gas = 1.030 Btu 1 CCF = 100 cu ft = 1 therm = 103,000 Btu 1 MCF = 1,000 cu ft = 10 therm = 1.034 MMBtu Propane: 1 gal propane = 91,600 Btu 1 cu ft propane = 2,500 Btu Gasoline: 1 gasoline gal (half) = 125.000 Btu Ethanol: 1 gall ethanol = 76,000 Btu fuel oil: 1 gall of fuel oil = 139,000 Btu 1 gall of fuel oil #4 = 145.000 Btu 1 gall of fuel oil #4 = 145.000 Btu 1 gall of fuel oil #6 = 150.000 Btu 1 gall of fuel oil #4 = 145.000 Btu 1 gall of fuel oil #6 = 150.000 Btu 1 gall of fuel oil #4 = 145.000 Btu 1 gall of fuel oil #6 = 150.000 Btu 1 gall of are equivalent to 1,000,000 Btu: Electricity: 293.083 kWh @ 3412 Btu/kWh Natural gas: 1 MCF, 10 thermal baths or 1,000 cu ft Carbone: 83.34 lbs @ 12.000 Btu/gal gasoline: 8.0 gal @ 125,000 Btu/gal Fuel Oil #2: 7.194 gal @ 139,000 Btu/gal fuel oil #6: 6.67 gal @ 150,000 Btu/gal Wood: 285.7 lbs @ 3.500 Btu/lb 1 pound of feet = 3.766 E-7 kWh = 3.24 E-4 calories = 3.77 E-4 watt-hour = 1.28 E-3 Btu = 1.3558 Joules 1 Btu = 1.054 Joules = 2.93 E-4 kWh = 2.52 E-1 calorie = $0.293 \text{ watt-hour} = 7.78 \text{ pounds} = 1.0528 \text{ Joules} = 1.0528 \text{ Joule$ = 1054 watts 1 lumen = 1.50 E-3 watt 1 watt maximum visible radiation = 668 lumen Confirms position to see accurate products and prices. ZIP Code Enter a valid ZIP code Enter a valid ZIP code Unfortunately, we do not currently serve this area. Please try another ZIP code. Loading... Electricity My utility is not listed Gas utility My utility is not listed Don't see your utility? Currently we only provide service to the listed utilities. For question, please contact 1-888-925-9115. Insert the value into one of the boxes and press the insertion, the results are calculated automatically. KWh : BTU : Joules : Definition of kwh (kilowatt-hour) The "kwh" is an energy unit, equivalent to the energy transferred or expelled in an hour by a kilowatt (1000 watt) of power. 1 kWh = 3412.152 btu 1 kWh = 3 600 000 joule Abbreviation: kWh, kwhr. Definition of BTU (British thermal unit) The British thermal unit (BTU or Btu) is a traditional working unit of about 1055 joules. It is the amount of work necessary to increase the temperature of a pound of water of a grade Fahrenheit (physical analogy: a four-inch wooden kitchen game consumed completely generates about 1 BTU). In science, the joule, the SI unit of energy, largely replaced the BTU. The BTU/h is most often used as a power measurement in the feeding industries, steam production, heating and air conditioning, and also as a measure of agricultural energy production (BTU/kg). It is still used in some metric English-speaking countries (such as Canada, but especially not the United Kingdom). In North America, the thermal value (energy content) of fuels is expressed in BTU. KBtu or KBTU notation is often used for thousands of BTUs, in sizing heating systems in the index of use of energy (EUI) expressed as a thousand BTU annual use of energy per square foot of construction. MBTU represents a million Btu, Btu, 1 BTU = 0.0002930701797575255 kwh 1 BTU = 1055.56 joule Definition of joules basic unit of energy or work in SI & MKS systems, equal to the amount of work done by a force of a newton acting through a distance of one meter: abbrev How many million Btus in an hour of kilowatts? The answer is 0.00341214798969. We assume that it is converting between millions of British thermal units and kilowatts now. You can view more details on each measuring unit: million Btu or kilowatts now The SI derivation unit for energy is joule. 1 joule is 9,4781707774915E-10 million Btu, or Btu to kilowatt hour = 586,14217 kilowatt hour 3 million Btu to kilowatt hour = 879,21325 km/h 4,3 km/h You can convert reverse drive from kilowatts now to million Btu to zettajoule million Btu to cheval vapeur heure million Btu to of coal equivalent to million Btu to million Btu to million Btu to zettajoule million Btu to zettajoule million Btu to zettajoule million Btu to zettajoule million Btu to kilowatt hour = 879,21325 km/h 4,3 km/h You can convert reverse drive from kilowatts now to million Btu to zettajoule million Btu to ze to esawatttt-hour million Btu amillions of Btu to megacalorie million Btu to zettawatthour >> Metric Conversions and more ConvertUnits.com provides an online conversion tables per SI unit, as well as English units, currency and other data. Type unit symbols, abbreviations or full names per unit length, area, mass, pressure and other types. Examples include mm, inch, 100 kg, U.S. Fluid Throat, 6'3", 10 stone 4, cubic cm, square meters, grams, mass, feet per second, and many more! The conversion factors below allow a rapid conversion between common energy units: From MMBtu Mcf Oil 1 MMBtu Bcf 0.000001 MMBtu Dth 1 MMBtu therm 10 MMBtu Gallons #2 Oil 7.1429 MMBtu Gallons #4 Oil 6.8259 MMBtu Gallons #6 Oil 6.6667 MMBtu KW 292.9974 All following are equivalent to 1 MMBtu: Electricity: 293.083 kWh @ 3412 Btu/kWh Natural gas: 1 MCF, 10 thermal baths, 1 Dth, or 1,000 cu ft Carbone: 83.34 lbs @ 12.000 Btu/lb Propane: 10.917 gal @ 91,000 Btu/gal petrol: 8.0 gal @ 125.000 Btu/gal Fuel Oil #2: 7.194 gal @ 139,000 Btu/gal fuel oil #6: 6.67 gal @ 150,000 Btu/gal Wood: 285.7 lbs @ 3,500 Btu/gal Wood: 285.7 lbs @ BTU is 293.07107 kilowatt-hours, you can use this simple formula to convert: kilowatt-hours = million BTU × 293.07107 The energy in kilowatt-hours is equal to the million BTUfor 293.07107. For example, here is how to convert 5 5BTU a kilowatt-hours using the formula above. 5 MMBTU = (5 × 293.07107) = 1.465.355351 kWh Millions of BTU and kilowatt-hours are both units used to measure energy. Read on to learn more about each measuring unit. One million BTU is a thermal energy measurement of 1,000,000 BTU, which is equal to the amount of thermal energy needed to increase the temperature of a pound of water a Fahrenheit degree. The BTU million is a usual US energy unit. Millions of BTU can be shortened as MMBTU; for example, 1 million BTU can be written as 1 MMBTU. Kilowatt-hours are an electrical energy measure of one kilowatt use of energy by electrical companies. Kilowatt-hours are generally abbreviated as kWh, although the formally adopted expression is kW·h. The kW h shortening is sometimes used. For example, 1 kilowatt-hour can be written as 1 kWh, or 1 kWh. In formal expressions, the central point (·) or space is used to separate the units used to indicate multiplication in an expression and to prevent conflict prefixes being misinterpreted as a unitary symbol. [1] MBTU to Kilowatt-Hour (kW)h) Visit Kilowatt-Hour to MBTU ConversionMBTU: The MBtu unit is an energy measurement unit, defined as a thousand British thermal units (symbol: Btu.) The M stands for a thousand, distinguishing with the SI mega prefix (M), which stands for a million. To avoid confusion, many companies and engineers use MMBtu to represent a million Btu. Kilowatt-Hour: Ki consumption of 1kW during 1 hour. One kilowatt-hour is equal to 1000 watt-hour or 3.6×106 joules. It is commonly used as energy units delivered to consumers by electricity users. Energy conversion calculatorResult: Most popular conversion pairs of energy

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