

# kilowatt-hour

The **kilowatt-hour** (symbolized **kWh**) is a unit of energy equivalent to one **kilowatt** (1 **kW**) of power expended for one **hour**. One watt is equal to 1 J/s. One **kilowatt-hour** is 3.6 megajoules, which is the amount of energy converted if work is done at an average rate of one thousand watts for one **hour**.