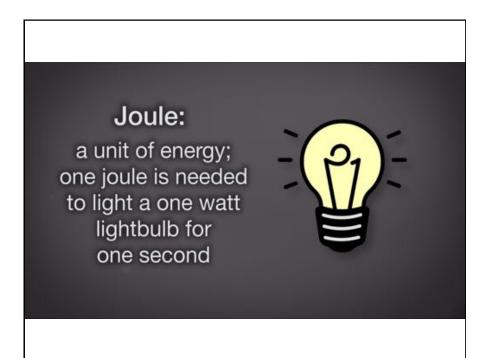
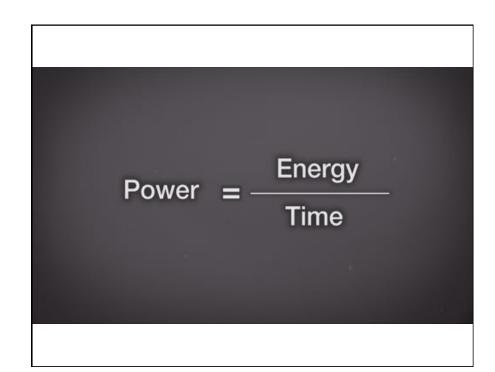




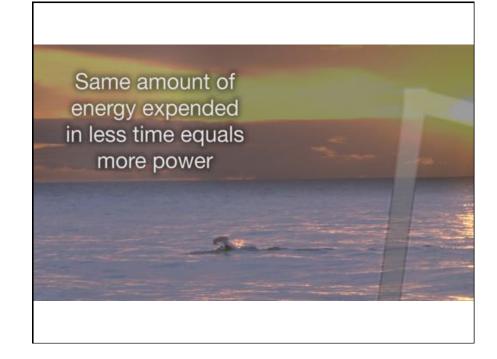
Energy units: joules (J) calorie (c) British Thermal Unit (BTU) kilowatt-hour (kWh)

British Thermal Unit (BTU)
is not included in
"International System of Units" (SI)







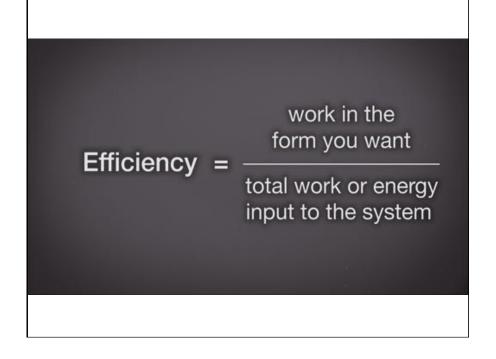


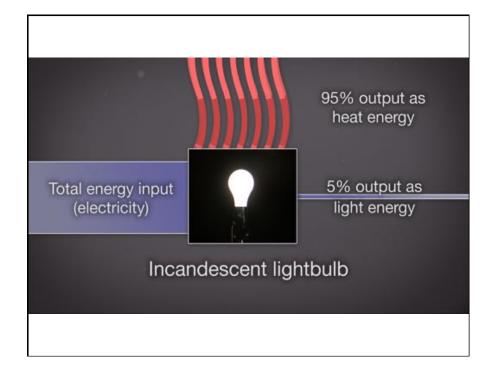
Potential energy:

energy stored but not yet released

Chemical energy:

potential energy stored in the chemical bonds of a material





Quality:

the ease with which an energy source can be converted from one form to another

1st Law of Thermodynamics:

energy can neither be created nor destroyed, only transformed from one form to another

Entropy:

disorder or randomness of a system

2nd Law of Thermodynamics:

when energy is transformed, its quantity remains the same but ability to do work diminishes

