

## Power Capacity Unit

The unit of physical power is the **watt** (W). It corresponds to the energy of one joule per second.

The standard unit for describing the generation capacity of an electrical power plant is the megawatt: one million watts = 1 **megawatt** (MW).

If available, **NucNet always gives the net electrical power generation capacity**, i.e. the capacity after deduction of in-house consumption and losses.

### ***For comparison:***

*Most nuclear power generation units have a power of 300 to 1600 MW.*

*An electrical locomotive has a power of 2 to 6 MW.*

*An electrical room heater has a power of 0.001 MW = 1 kilowatt (kW).*