

Power Capacity Unit

The ISO unit of physical power is the **watt (W)**. It corresponds to the energy flow or turnover of **1 joule per second**.

The standard unit for describing the generation capacity of an electrical power plant is one million watt = **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 capacity of 300–1600 MW.*
- *An electrical locomotive has a power capacity of 2–6 MW.*
- *An electrical room heater has a power capacity of 0.001 MW = 1 kilowatt (kW).*