

One petajoule (PJ) explained

The joule is the standard unit of energy in general scientific applications. One joule is the equivalent of one watt of power radiated or dissipated for one second.

One petajoule is 10^{15} joules (1 million billion) or 278 gigawatt hours.

19,000



The energy used by
19,000 homes in a year¹

868,000



The electricity used by
868,000 refrigerators
in a year²

2,354,000



The electricity used by
2,354,000 televisions
in a year³

¹The average home uses approximately 50 gigajoules of energy in 2014–15

²A typical 2.5 star fridge uses 320 kWh of electricity per year

³A 50 inch 5 star label television uses 320 kWh of electricity per year