

**An electric bulb of P watt light for n hrs every day. How many units of electric energy are consumed by this bulb in one day ?**

An electric bulb light for n hrs every day, so in one day bulb use energy:

$$E = nP W \cdot h$$

$W \cdot h$  - watt hour

or

$$E = 0.001nP kW \cdot h$$

$kW \cdot h$  - kilowatt hour

or

$$E = 3600nP J$$

$J$  - joule.