## A Watt by Any Other Name...

## ...WOULD STILL BE A MEASURE OF ELECTRICITY.

A *Watt* is an instantaneous measure of electric energy named after James Watt. Since the term Watt is based on a person's name, it is always capitalized. A Watt can measure energy generated or energy consumed. Electricity generated or consumed over time is measured in Watt-hours. For example a 60 Watt light bulb that is on for 2-hours consumes 120 Watt-hours of electricity.



## A DIFFERENT PERSPECTIVE: How long would each order of magnitude be if 1 Watt = 1 Second?

1 Watt = 1 Second



1 Gigawatt ≈ 32 Years

1 Terawatt  $\approx$  31,710 Years... That's 5x older that the Pyramids of Giza or approximately  $\frac{3}{4}$  of the time it will take Voyager 1 to reach Proxima Centauri (the closest star outside our solar system)





1 Megawatt ≈ 12 Days

1 Kilowatt ≈ 17 minutes