



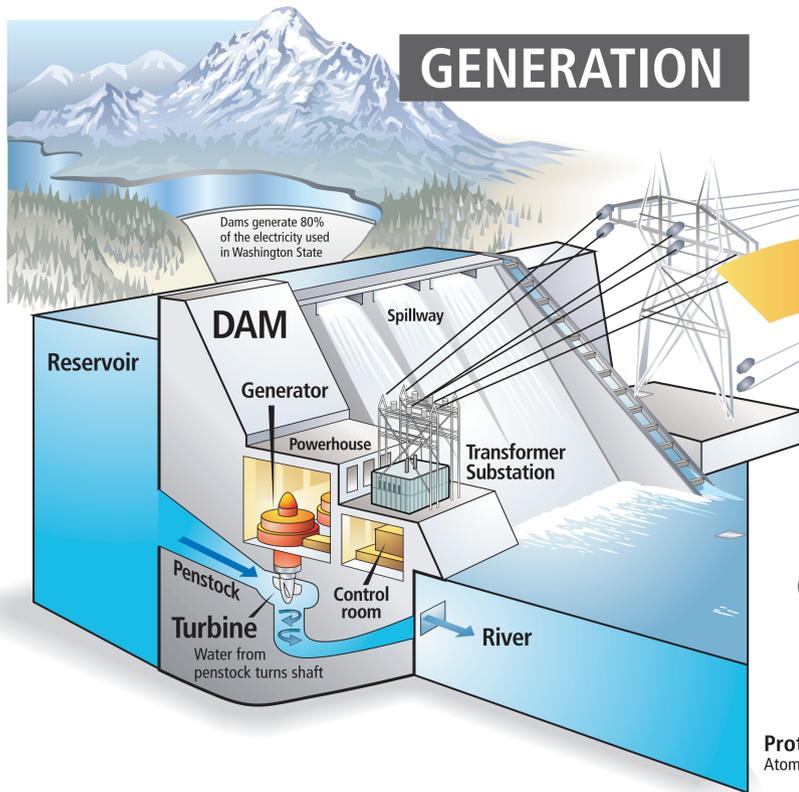
Denny Substation Project

Powering Seattle through the 21st century

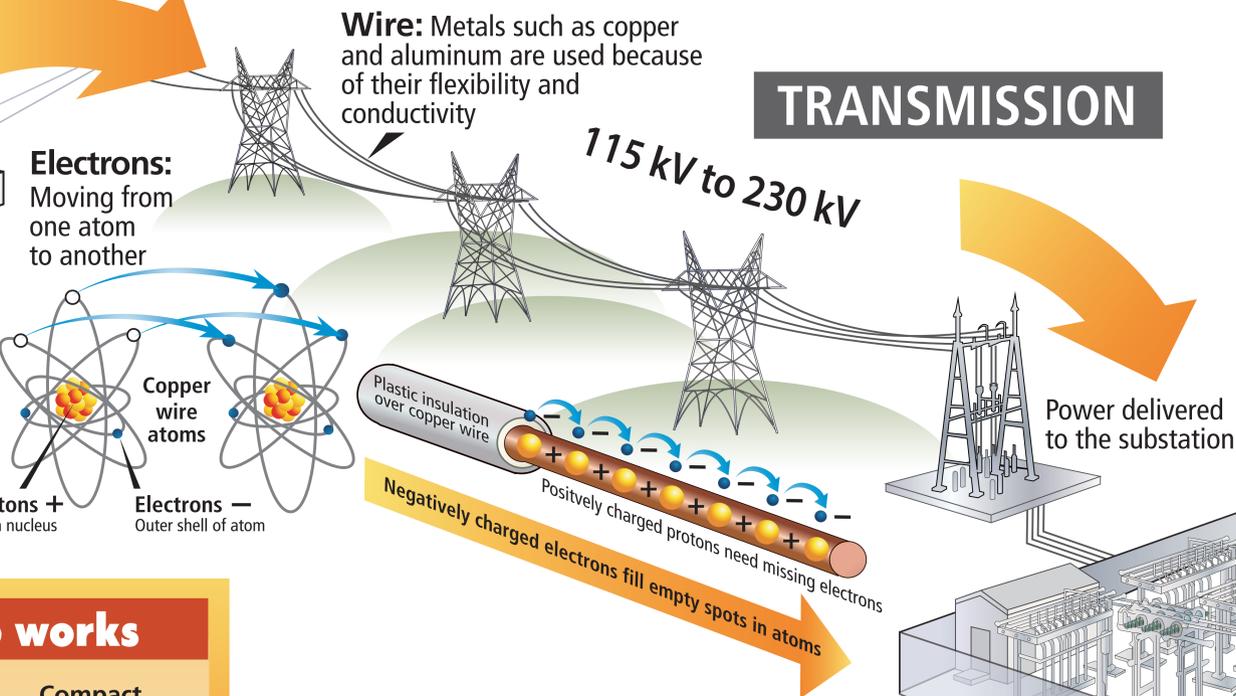


POWER DELIVERY 101

GENERATION



TRANSMISSION



WATTS UP: A guide to energy-speak

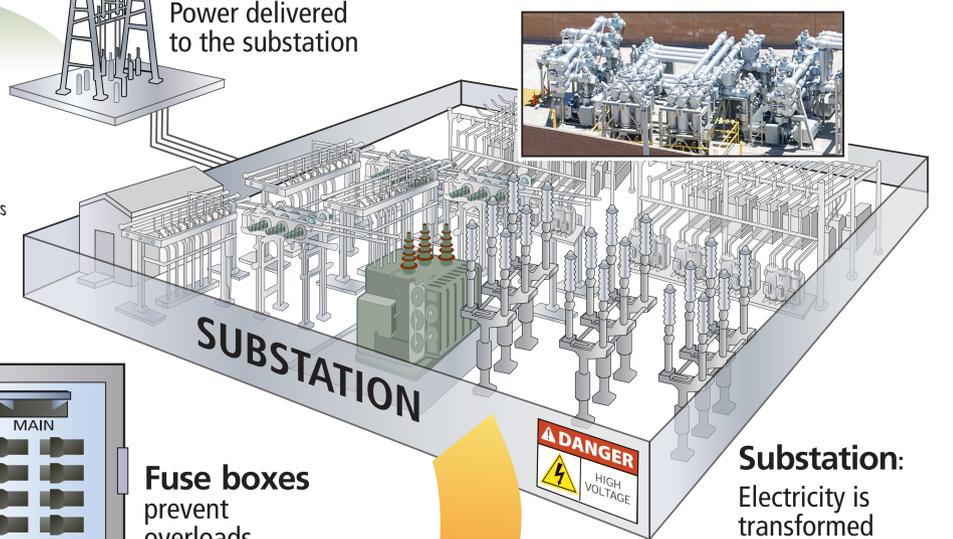
Amps (amperage) measure the AMOUNT of electricity used.

Volts (voltage) measure the pressure, or FORCE of electricity.

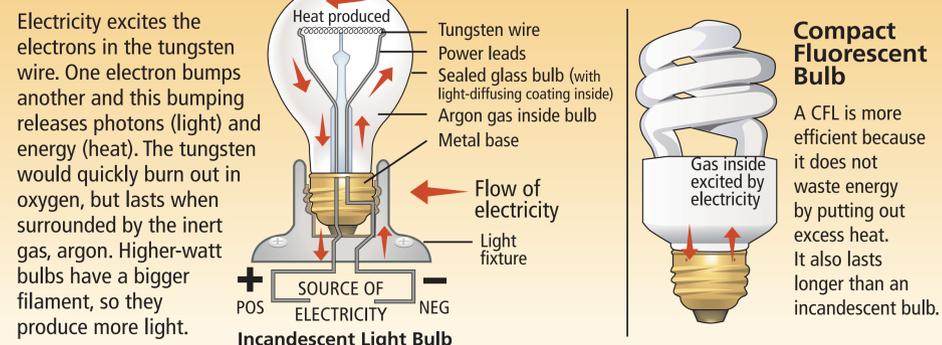
Watts (wattage) = amps x volts and measure the WORK that electricity does.

Ohms measure the RESISTANCE to the flow of current

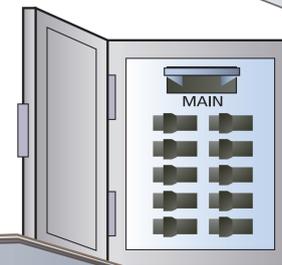
DISTRIBUTION



ENLIGHTENING: How a light bulb works



A meter measures how much electricity is used by customers

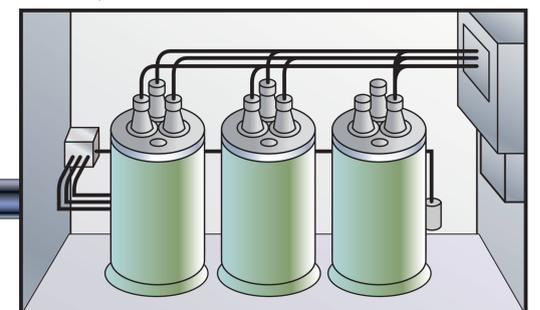


Fuse boxes prevent overloads and short circuits from doing harm.

CUSTOMERS



13 kV or 26 kV



Underground vaults (Transformers and Protective Devices)