

$$P = \text{true power} \quad P = I^2 R \quad P = \frac{E^2}{R}$$

*Measured in units of **Watts***

$$Q = \text{reactive power} \quad Q = I^2 X \quad Q = \frac{E^2}{X}$$

*Measured in units of **Volt-Amps-Reactive (VAR)***

$$S = \text{apparent power} \quad S = I^2 Z \quad S = \frac{E^2}{Z} \quad S = IE$$

*Measured in units of **Volt-Amps (VA)***