

## Phasor and Power Factor (pf)

## Examples

$$p(t) = v(t) i(t) \quad \xrightarrow{p} \quad \bar{S} = \bar{V} \cdot \bar{I}^*$$

$$\begin{aligned} \bar{S} &= P + jQ \\ &= VI \angle \theta \end{aligned}$$