Untitled.notebook March 17, 2020

Power Factor

$$\hat{V} = Vrms L\Theta$$
 $\hat{T} = Trms L\Phi$ 
 $\hat{V} = Vrms L\Theta$ 
 $\hat{V} = Vrms L\Theta$ 

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$$\hat{S} = \hat{V} \cdot \hat{I}^* \qquad \hat{L}\hat{S}$$

$$= (V_{rms} I_{rms}) L(\theta/\theta)$$

$$= cos(\theta - \theta)$$

$$= cos(L\hat{S})$$

$$= cos(LZL)$$

$$P = V_{rms} I_{rms} cos(\theta - \theta)$$