

Concept Question 8-5: How much average power is consumed by a reactive load? Explain.

$$P_{\text{av}} = V_{\text{rms}} I_{\text{rms}} \cos 90^\circ = 0. \quad (8.26)$$

(purely reactive load)

► A purely reactive load can store power and then release it, but the net average power it absorbs is zero. ◀