

Calculate S , the complex power of a load (in rectangular form), given the following data:

$Q = 2,000 \text{ VAR}$; $\text{pf} = 0.9$ leading

- a. $S = 4,169 - j1500 \text{ VA}$
- b. $S = 2,690 - j2000 \text{ VA}$
- c. $S = 2,690 - j1150 \text{ VA}$
- d. $S = 4,169 - j2,000 \text{ VA}$