

Processed by FREE version of Jet Scanner Lite

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$$\begin{array}{c|c}
E \times 3 \\
440V \\
60Hz
\end{array}$$

$$\begin{array}{c|c}
P_{ap} = 10 \text{ kVA}; P = 5 \text{ kVA}; Q = 8,660 \text{ kVAP}; Q = 8,6$$

$$V = 100V$$
 $R_2 = 20\Omega$
 $P_{11} = 10\Omega$
 $P_{12} = 10\Omega$
 $P_{23} = 20\Omega$
 $P_{34} = 20\Omega$
 $P_{45} = 20\Omega$
 $P_{54} = 20\Omega$

a)
$$P = \frac{Vet^2}{R} = 500 \text{ W}$$
 $V = \frac{Vet^2}{R} = 500 \text{ W}$
 $V = \frac{Vet^2}{R} = -1000 \text{ VAR}_c$
 $V = \frac{Vet^2}{R} = -1000 \text{ VAR}_c$

c)
$$\hat{p} = 500 - 1000 \text{ VA} = 1118 - 63^{\circ} \text{ VA}$$
 $\frac{1}{2} = -63^{\circ}$ Processed by FREE version of Jet Scanner Lite