$$\frac{1}{2} \frac{1}{2} \frac{1}$$

$$= 0.07110 \Omega_{9.460°}$$

$$= 0.07110 \Omega_{9.460°}$$

$$Z_{2} = 0.07707 \Omega_{15.20°}$$

$$X_{5_{1}} = X_{2} = 0.1 \times \frac{4^{2}}{.25} = 0.64 \Omega_{15.20°}$$

$$2 Z_{c} = \frac{4^{2}}{.35} (orcco).85^{\circ}$$

$$= (.3186 + j.2409) \Omega$$

$$\frac{J_{c} = \frac{V_{c}}{Z_{c}} = \frac{400/13}{Z_{c}} = \frac{1}{2c} = \frac{1}{$$

$$\frac{.38}{6} \times \frac{\overline{U_{RED}}}{\overline{13}} = \overline{V_2}$$

$$\frac{.4}{6.1} \times \frac{\overline{U_{RED}}}{\overline{V_3}} = \overline{V_2}$$

$$\sqrt{V_2} = \overline{V_1}, \quad k = \frac{.4}{6.1} \times \frac{6}{.38}$$

$$\overline{V_2} = \overline{I_C} + \overline{V_C} \left(\frac{1}{\overline{Z_1}} + \frac{1}{\overline{Z_2}} \right) = \frac{1}{12}$$

$$= 241.1 V$$

$$= \sqrt{-1.134}^{\circ}$$

$$= \sqrt{RED} = 6595 V$$

$$= 6595 V$$

$$= 272.8 A - 24.27^{\circ}$$

$$= 238.4 A - 40.37^{\circ}$$

$$I_{MT1} = 271.8 \times \frac{4}{6.1} < -24.27^{\circ}$$
 $1_{MT1} = 33.54 \text{ A}$
 $1_{MS1} = 1800 \times 21$
 $1_{MS2} = 47.50 \text{ kW}$
 $1_{MS2} = 279 \Rightarrow 1500$
 $1_{MS2} = 279 \Rightarrow 1500$
 $1_{MS2} = 350 \text{ k}$

MSI entrega el resto

$$6.1 < -24.27^{\circ}$$

 $+238.4 \times .38 \atop 6 < -40.37^{\circ}$
 $+\sqrt{1} \times .4 \atop 7 \times m_1 \times 6.1 + \sqrt{2} \times .38 \atop 7 \times m_2 \times 6 = 33.54 \text{A} / -34.27^{\circ}$
 $=33.54 \text{A} / -34.27^{\circ}$
 $=33.50 \text{ kW}$
 $=33.50 \text{ kW}$

$$I_{z} = \frac{250k}{15 \times 400} = 360.9 \text{ A}$$

$$E_{z} = \left(V_{c}^{2} + \left(X_{5z} I_{z} \right)^{2} \right)^{\frac{1}{2}}$$

$$= E_{z} = 402.0V$$

$$= 1.340 \text{ A}$$

$$I_{1} = \sqrt{47.5^{2} + 184.4^{2}} k = \sqrt{3} \times 4000$$

$$= 274.8 A$$

$$\theta = \text{avctg} \frac{184.4}{47.5} = 75.56$$

$$\frac{E_{1}}{\sqrt{15}} = \left(\sqrt{15} + \sqrt{15} + \sqrt{15$$

 $\Rightarrow E_1 = 429.6 V$ $\Rightarrow [2 = 1.432A]$