رمنادين بعر، ١٨١٣ مر المرادين بعر، ١٨١٣ مر المرادين بعر، ١٨١٣ مرادين بعر، اللترس

#2 
$$Z = 0.3 + j \cdot 0.6 \xrightarrow{52}_{KM} \longrightarrow Z_{b}' = 400 (0.3 + j \cdot 0.6) = 120 + j \cdot 240$$

$$Y_{5} = 0.5 + j \cdot 4 \times 10^{-6} \xrightarrow{52}_{KM} \longrightarrow Y_{b}' = 400 (j \cdot 4 \times 10^{-6}) = j \cdot 400 \times 10^{-6}$$

$$L = 400 \xrightarrow{KM}$$

$$U = 10^{-6} \times 10^{-6}$$

$$VL = \sqrt{2} V_{R}L = 400 \sqrt{0.6708 \times 10^{-6}} \times \frac{63.43_{+}90}{2} = 0.327 \times 76.71$$
  
= 0.083 + j 0.316

$$\frac{7}{4}$$
 =  $\sqrt{\frac{2}{10^{-6}}}$   $\sqrt{\frac{63.43-90}{2}}$  = 819  $\sqrt{\frac{13.28}{10^{-6}}}$  = 619 - j 536

=) S39= 40 MVA 9 VR39= 230 , cesq: 0.8 7600 =5 Vs=?

$$I_{R} = \frac{S}{\sqrt{3}} \times \frac{1}{\sqrt{3}} = \frac{40 \times 10^{4}}{\sqrt{3} \times 230} \times \frac{1}{\sqrt{3} \times 230} = \frac{1004 \times -36.87}{1004 \times 100} = \frac{1004 \times -36.87}{1004 \times 1000} = \frac{1004 \times -36.87} = \frac{1004 \times -36.87}{1004 \times 1000} = \frac{1004 \times -36.87}$$

$$I_{R} = \frac{1}{\sqrt{3}} V_{R34} + \frac{1}{\sqrt{3}} V_{R34} = 678 + \frac{1}{\sqrt{3}} 740 A$$

$$= \sqrt{5}$$
 -3.38 x10 -j1.27 x10 = 1.32 x10  $\frac{273}{4}$  - 104.80

$$P_{R}^{Max} = \frac{1V_{R}1 \cdot 1V_{S}1}{1B1} \cdot \frac{C_{S}}{C_{S}} = \frac{1A1 \cdot 1V_{R}1^{2}}{1B1} \cdot \frac{C_{S}}{C_{S}} = \frac{1A1 \cdot 1V_{R}1^{2}}{1B1} \cdot \frac{C_{S}}{C_{S}} = \frac{1A1 \cdot 1V_{R}1^{2}}{1B1} \cdot \frac{C_{S}}{C_{S}} = \frac{132790 \times 1.32 \times 2^{273}}{1.319 \times 10^{270}} = \frac{0.9541 \times (132790)^{2}}{1.319 \times 10^{270}} \cdot \frac{C_{S}}{C_{S}} = \frac{13280674}{1.319 \times 10^{270}} = \frac{13280674}{1.319 \times 10^{270}} \cdot \frac{C_{S}}{C_{S}} = \frac{13280674}{1.319 \times 10^{270}} = \frac{13280674}{1.319 \times 10$$