Carga 1:
$$Z = 10 130^{\circ}$$
, Y , equilibroso
Earga 2: $Z = 15 \text{ Tz}$, Y , equilibroso
Farte: 3 from, $V = 250 \text{ V}$
 $P = 2$

$$Y + D\Delta = \frac{3A^{2}}{A} = 3A$$

$$\dot{z}_{AB}^{i} = \dot{z}_{BC}^{i} = \dot{z}_{CA}^{i} = 30 \angle 32^{2} \Omega$$

$$\dot{z}_{AB}^{i} = \dot{z}_{BC}^{i} = \dot{z}_{CA}^{i} = 46 \angle 0^{\circ} \Omega$$

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$$\dot{z}_{AB}^{i} = \dot{z}_{BC}^{i} = \dot{z}_{CA}^{i} = 46 \angle 0^{\circ} \Omega$$

PT= V31 x 250 x 23,28 x cos (18,070) = 9583.35 = 9.6 KW

Forte: U.= 110V, ABC, W1 = 577, W0 = 1154 W

P1 = 500 = 1 = (cos/8+30) = 1 (cos/8) = 1 VL=VF IL= 13 IF (-30°=D |Z|= VF = 110 13 = 18.16 D P= 577 = 110x In cos(30°+ 30°) 2012 = 10,49 A Zn=18.2/300 2

Elt 490 - L.E. - 1

b)
$$Z_{n} = \infty$$
, $Z_{0} = Z_{0} = 100 \Omega$, $Z_{m} = 0 \Omega$ (C) $Z_{A} = \infty = Z_{m}$
 $Y_{A} = 0$, $Y_{0} = Y_{0} = 0.01$, $Y_{m} = \infty$
 $Y_{A} = Y_{m} = 0$, $Y_{0} = Y_{0} = 0.01$, $Y_{m} = \infty$
 $Y_{A} = Y_{m} = 0$, $Y_{0} = Y_{0} = 0.01$, $Y_{m} = \infty$
 $Y_{0} = \frac{127}{2} = 63.6 V$
 $Y_{0} + Y_{0} + Y_{0} + Y_{0} + Y_{0} + Y_{0} = \infty$
 $Y_{0} = \frac{127}{2} = 0.01$, $Y_{0} = 0.01$
 $Y_{0} = \frac{127}{2} = 0.01$, $Y_{0} = 0.01$
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 $Y_{0} = \frac{127}{2} = 0.01$
 $Y_{0} = \frac{1$

d) ZA=0, ZE=100= ZE, Zm=00 Yn= 0 , Yn= Yc = 0,01, Yn= 0 curto em m' com A Vam' = VAM' = 127/00 V Ven'= 220/-1500 V Ven'= 220/ 1500 V To= 2.2 (-1500 A Ic= 2.2 (1500 A Im= OA PA=OW P8-22 x 220 = 484 W Pc=484 W PT-968 - 200% J1=2.2A IInzOA Pog 5