

(1) log = la = 23.96 2-66.86 A 192 = -16=23.96 26.87 A. Primary side corrents fu doarusfarmer. 1 P1 = 415 *(23.962-66.86) b,= 1.5 2-66.86 A. 1P2= 415 * (23.962-6.87) 1P2=1.54-6.87 A = 53×415×23.96 x cos(-30+66.86) (I)power=13VLILCOSO. Four 13078 KW (iii) primary 18 secondary 1a=23.964-66.86 A VAD= 6600 LO'V 1 b= 23.96 L17-3-13 A 1c= 23.96253.13 A. VBC = 6600 L-120. V VCA = 6600 L120° V 18,-183=19 Vab= 415 LO'V Vbc= 4152-120 V 1 32-1 S1=1C 133-132=16. V ca = 415420. V Van= 415/53 L-30°V 115, = 1192 = 1531. VBN=415/3 L-150'V Vcn=415/53/40' V.

la= 13/8, 4-30' Dr 131= 7 14530; 131-13.832-36.86 A 132-13.832-36.86 A 132-13.832-36.86 A 133-13.832-156.87 -A.) 300000dant 133-156.87 -A.) 300000dant phase currents. 1P2 = 0.87 2-36.86 A 7 1P2 = 0.87 2-156.87 A Sprimary currents 1P3 = 0.87 2-156.87 A Sprimary currents Phasor for V connected tours former. 66.86 PP > VAB= 6600 LO. 182 132 VAPD

66.90 - 36.86 7 192(V)

156.87 1p, > 12,

1P3

1P3

1P4(V)

3

194(V)

4 194(V)

5 for V connected.

