

22 mm 20 mm 1 mm Phason deaglam and some some for 120 -120° Va ra Friend John It light will be benefit Advantages of 3 \$ system * The output of the 36 system > 1 \$ system * Transmission & distribution costs are low * 6 conductors required with sand company Basic Terminology Phase voltage - voltage unduced un each windling Phase current. The current flowing Through each winding. line voltage - The voltage between any pair line auvant The coverent flowing through Balanced system - In a 36 system if the Voltages & curvants aux equal an magnitude and differs in phase from one another Thouse sequence. It is they time order in which the Voltages pass I hrough their respective man

connections of 30. Liano Ven- Vp Hiso Balanced - Conly case
Unbalanced Considered
here Star connection Delta connection 36 Source Cstair connected Vbn 120 30 source (Delta Connected Vab In the balanced case. |Van|= |Von|= |Von|= VP Vani Vp Lo: Vcm = Vp L-2400 = Vp L+120°

3





