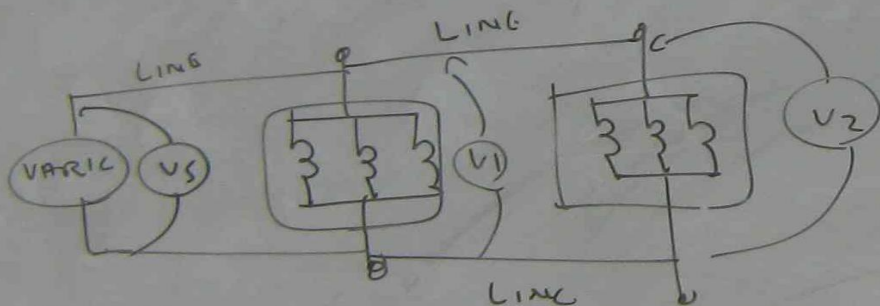


ELECTRICAL DISTRIBUTION PRACTICAL (1)

LOAD CENTRE

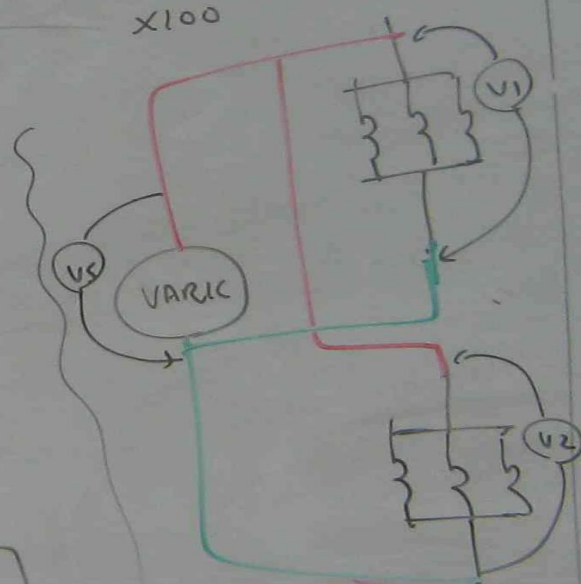
COMPARING SERIES CONNECTED LOAD GROUPS AND PARALLEL CONNECTED LOAD GROUPS IN TERM OF VOLTAGE DROP AND VOLTAGE REGULATION

$$\text{VOLTAGE REGULATION} = \frac{\text{VOLTAGE AT GENERATOR} - \text{VOLTAGE AT LOAD}}{\text{VOLTAGE AT GENERATOR}} \times 100$$



CONNECT THE ABOVE CIRCUIT

VARIC VOLTAGE V_S	V_1	$\% \text{Reg} = \frac{V_S - V_1}{V_S} \times 100$	V_2	$\% \text{Reg} = \frac{V_S - V_2}{V_S} \times 100$



V_S	$V_1 = V_2 =$	$\% \text{Reg} = \frac{V_S - V_1}{V_S} \times 100$

FIND THE DIFFERENCE & MAKE COMMENT

Any

WIRE

WIRE

TOTAL

