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Typical 3-Phase Wiring Diagrams and Equations

Definitions

For Both Wye and Delta (Balanced Loads)	Wye and Delta Equivalent
V_P = Phase Voltage V_L = Line Voltage I_P = Phase Current I_L = Line Current R = R1 = R2 = R3 = Resistance of each branch W = Wattage	W _{DELTA} = 3 W _{WYE} W _{ODELTA} = ³ / ₄ W _{DELTA} W _{OWYE} = ³ / ₂ W _{WYE}

Equations



