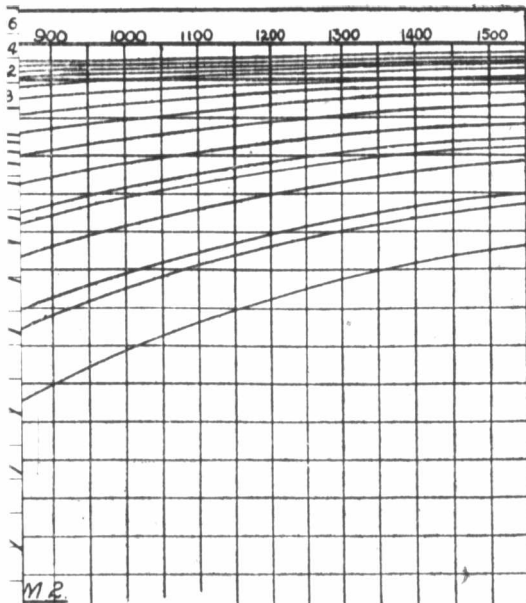




M.P.

3-PHASE POWER TRANSMISSION

CURVES SHOWING SIZE OF WIRE REQUIRED
FROM FORMULA $3\mathcal{L} = L \cdot \frac{K}{M}$

$\mathcal{L}$ = WT. PER MILE OF A SINGLE WIRE

L = WT. OF COPPER PER K.W. DELIVERED (DIAGRAM 1)

K = KILOWATTS DELIVERED

M = LENGTH OF LINE IN MILES

ON CURVES SHOW TOTAL WEIGHT OF COPPER IN
PER MILE (3 WIRES) FOR VARIOUS COMMERCIAL
B. & S. GAUGE.

AL SCALE = $\frac{K}{M}$ VERTICAL SCALE = L

MONTREAL
12-7-07