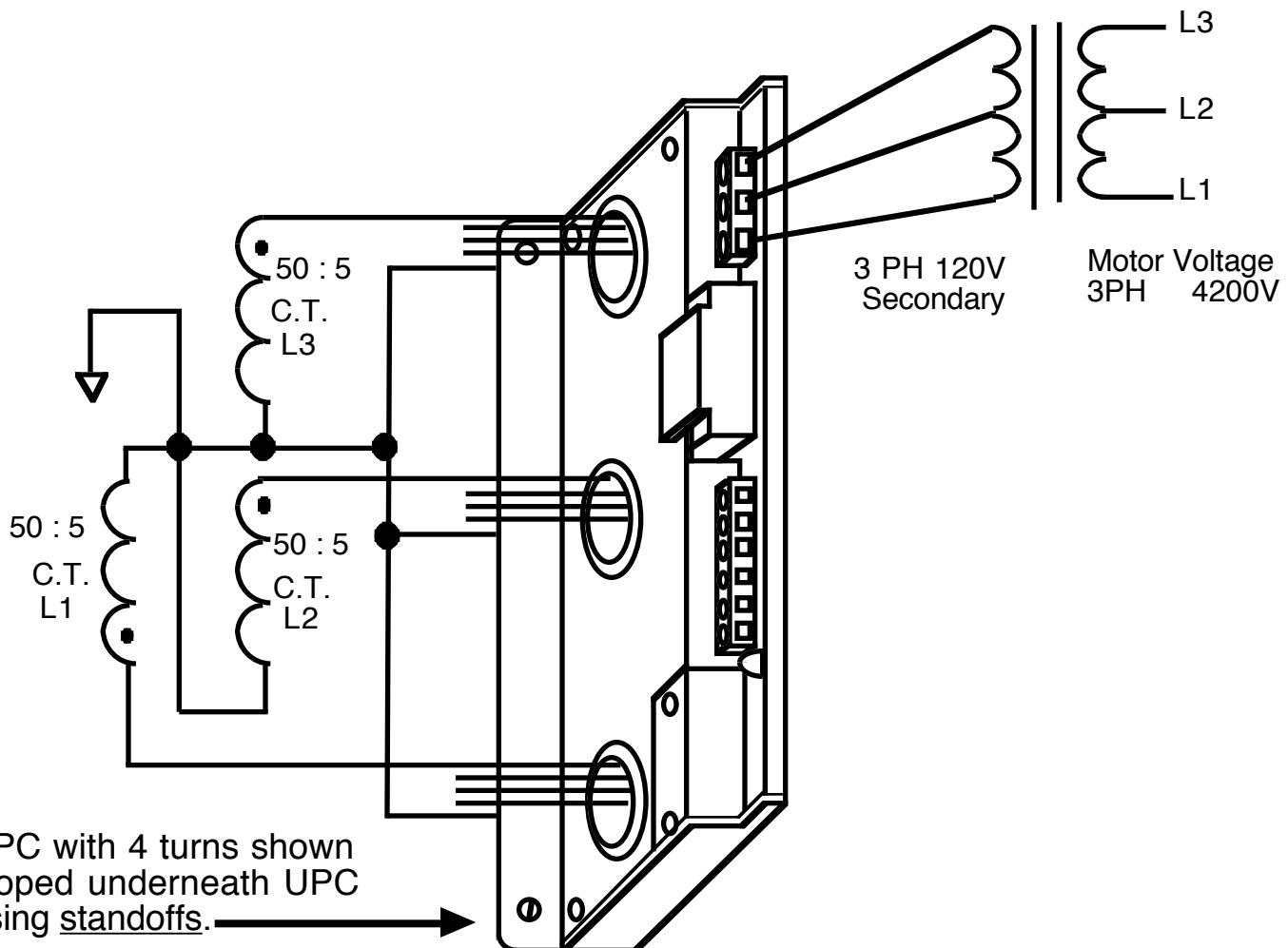


UPC Medium Voltage w/ PT and CT's



Example using 4200V and 50:5 CT's

Power Through UPC:

$$120V \times 5 \times 4(\# \text{ turns}) \times 1.732 / 746 = 5.57 \text{ HP}$$

UPC set for 5.57 K Ohms

$$\text{Full Scale} = 4200V \times 50 \times 1.732 = 364\text{KW}$$

$$364\text{KW} / 746 = 488 \text{ HP}$$