Whitemarsh TOWNSHIP
616 GERMANTOWN PIKE - LAFAYETTE HILL, PA 19444-1821
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Single Family Dwelling Electrical Load Calculation Worksheet

Square feet of living space	_____	x 3 watts each =	_____
Small appliance circuits (minimum 2 req'd)	_____	x 1500 watts each =	_____
220V Dryer circuits	_____	x 5000 watts each =	_____
220V Range/Oven circuits	_____	x 8000 watts each =	_____
220V Oven circuits	_____	x 4000 watts each =	_____
220V Cooktop circuits	_____	x 4500 watts each =	_____
220V Water Heater circuits	_____	x 3000 watts each =	_____
110 V Refrigerator circuits	_____	x 1400 watts each =	_____
110 V Microwave circuits	_____	x 1630 watts each	_____
110V Dishwasher circuits	_____	x 1500 watts each =	_____
110V Laundry circuits (minimum 1 req'd)	_____	x 1500 watts each =	_____
110V Garbage Disposal circuits	_____	x 750 watts each =	_____
110V Trash Compactor circuits	_____	x 1500 watts each =	_____
110V Forced Air Unit circuits	_____	x 690 watts each	_____
		Sub Total Watts =	_____

First 10000 Watts @ 100% _____ A

Remaining Watts @ 40% _____ B

_____ Tons of A/C x 1720 Watts per ton = _____ C

Total Watts (Add A + B + C) _____

Total Watts/240 Volts = _____ Total Amps

Minimum Service size is _____ Amps