

SINGLE FAMILY HOUSING LOAD CALCULATION (Optional Method)

**1999 National Electrical Code
NEC Article 220-30**

Contractor _____ Address _____

General Light, Power _____ SQ. FT. x 3VA	=	_____	VA*
2 Kitchen Appliance Circuits 1,500 VA	=	3,000	VA
Laundry Circuit	=	1,500	VA
Electrical Range (Name Plate Rating)	=	_____	VA
Wall Mounted Oven (Name Plate Rating)	=	_____	VA
Water Heater (Name Plate Rating)	=	_____	VA
Dishwasher (Name Plate Rating)	=	1,200	VA
Disposal (Name Plate Rating)	=	1,200	VA
Dryer (Name Plate Rating)	=	5,000	VA
Other _____	=	_____	VA
SUB TOTAL	=	_____	VA
SUB-TOTAL _____ VA			
Subtract _____ VA First 10,000 @ 100%	=	10,000	VA
Difference _____ VA X 40%	=	_____	VA
Air Conditioner (Name Plate Rating)	=	_____	VA
Heat Pump Comp. (NP Rating) _____ plus			
Fans _____ = Heat Pump	=	_____	VA
Heat Pump Heat Strips _____ x 65%	=	_____	VA
TOTAL	=	_____	VA

TOTAL VA _____ ÷ 240 VOLLTS = _____ AMPS size for service entrance conductors and panel

SWIMMING POOL:

1 Light _____
 1 Motor, Pump _____
 1 Motor, Pool Sweep _____

*Volt-amperes equivalent to watts.