

Electric Load Worksheet for the City of Rocklin

Address: _____ Date: _____

Phone: _____ Gas Furnace (Y/N) _____ Building -Sq. Ft.: _____

<u>Rating of:</u>		<u>Watts*</u>	<u>x</u>	<u>%</u>	=	<u>Total (a)</u>	Enter the largest value (watts) from Total (a) ↓ ↓
Electric Furnace	NPR (Name Plate Rating)	_____	x	.65	=	_____	
**Air Conditioning	NPR	_____	x	1.00	=	_____	
Heat Pump	NPR	_____	x	1.00	=	_____	
Heater Rating (Less than 4 rooms)		_____	x	.65	=	_____	
Heater Rating (More than 4 rooms)		_____	x	1.00	=	_____	

**Air Conditioning Example: Compressor = 16.0 amps
Fan = 2.0 amps
25% of the largest motor = 4.0 amps
Total = 22.0 amps x 230 Volts = 5,060 Watts

↓
Add this value
to calculations
below
↓

<u>Quantity</u>	<u>Item</u>	=	<u>Watts*</u>	
_____	Sq. Ft. x 3 watts per sq. ft.	=	_____	
_____	20 Amp appliance circuits @ 1500 watts ea.	=	_____	
_____	Ranges NPR	=	_____	
_____	Ovens NPR	=	_____	↓
_____	Cooking units NPR	=	_____	
_____	Water Heater NPR	=	_____	
_____	Dishwasher NPR	=	_____	
_____	Garbage Disposal NPR	=	_____	
_____	Washer NPR	=	_____	↓
_____	Dryer NPR	=	_____	
_____	Motor Loads NPR	=	_____	
_____	Other Loads	=	_____	
	Sub panel Total (from below)	=	_____	↓
	Subtotal	=	_____	
	Less -	=	10,000	+ 10,000

***Watts = Volts X Amps** Total = _____ x .40 = + _____

Grand Total (watts) = _____
Grand Total (watts) / 230 Volts = _____ **Service Load (Amps.)**

Service Size: _____ Amp.

Are sub-panels to be installed? _____ How Many? _____
Amp Rating? _____ Wire Size? _____

_____	Motor loads	NPR	=	_____	
_____	Other loads		=	_____	
_____	Other loads		=	_____	↓
	Sub panel Total		=	_____	

(Print name) - Electrical Contractor / Owner - Builder State License Number

(Signature) - Electrical Contractor / Owner - Builder