



CITY OF DIXON
600 EAST A ST.
DIXON, CA 95620-3697
PHONE (707) 678-7000
Building Info Building@cityofdixonca.gov

Residential Service Load Worksheet

Address: _____ Permit #: _____ Date: _____

Building sq. ft.: _____		Gas Furnace? Y N	
Rating of:	NPR (Name plate Rating)	Watts (= volts x amps)	Total (a)
Air Conditioning*	NPR	X 1.00 =	_____
Heat Pump	NPR	X 1.00 =	_____
Electric Central Heating System	NPR	X.65 =	_____
Electric Space Heaters	NPR		
Less than 4 separately controlled units		X .65 =	_____
Electric Space Heaters	NPR		
4 or more separately controlled units		X .40 =	_____

Transfer the largest value (watts) from the above 5 lines to the space below titled "from above" **

* Air Conditioning Example: Compressor = 16.0 amps
Air handler = 2.0 amps
25% of the largest motor = 4.0 amps
Total = 22.0 amps X 240 volts = 5,280 Watts

Quantity	Item	Watts (= volts x amps)
_____	Sq. Ft. X 3 watts per sq. ft.	= _____
_____	(2) 20 Amp appliance circuits @1500 watts each (kitchen)	= _____
_____	Range/Cooktop/Ovens NPR	= _____
_____	Microwave (separate) NPR	= _____
_____	Water Heater (if electric) NPR	= _____
_____	Dishwasher/Garbage Disposal NPR	= _____
_____	Washer (1) 20 Amp @1500 watts	= _____
_____	Electric Dryer greater of 5000 or NPR	= _____
_____	Motor loads NPR	= _____
_____	Pool and/or Spa NPR	= _____
_____	Other loads (le. EVCS) NPR	= _____
	Subtotal	= _____
	Less	_____ -10,000
	Total = _____ X .40	= _____
	** from above	+ _____
		+ _____ 10,000
	Grand Total (watts)	= _____

Grant Total (watts) _____ ÷ 240 Volts = _____ Service Load (Amps)

Existing service size: _____ Amp

Signature – Electrical Contractor, owner/builder