

DWELLING UNIT GENERATOR WORKSHEET – NEC: 702.4(A)(2)

Job/Project Address: Name: Phone: Email:	Date: Contractor Information: Name: Phone: Email:
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SPECIFY FUEL SOURCE: NAT.GAS LP OTHER:

SPECIFY ELECT SERVICE VOLTAGE: 120/240 SINGLE PHASE OTHER:

NET SQUARE FOOTAGE (OF RESIDENCE):

	GENERAL LOADS:	QUANTITY	RATING (LOAD)	FACTOR	LOADS (VA)	LOADS (kW) (VA/1,000)
1	General Lighting & General Use Receptacles		3 VAft ²	100%		
2	Branch Circuits (1500 VA/ft ²)					
2.1	Small Appliance Circuits (20 amp)		1500	100%		
2.2	Laundry Circuits		1500	100%		
3	Fixed Appliances		Full Current Rating			
3.1	Well			100%		
3.2	Sump Pump			100%		
3.3	Freezer			100%		
3.4	Microwaves (built in, not countertop)			100%		
3.5	Disposal			100%		
3.6	Dishwasher			100%		
3.7	Range (See table 220.55 for cooking appliance)			100%		
3.8	Wall Mounted Oven (Built-In)			100%		
3.9	Counter Mounted Cooking Surface (Built-In)			100%		
3.10	Water Heater			100%		
3.11	Clothes Dryer			100%		
3.12	Garage Door Opener			100%		
3.13	Septic System Pump/Grinder			100%		
3.14	EVSE (Elect Vehicle supply Equip)					
3.15	Other Unspecified Loads:			100%		
3.15.1				100%		
3.15.2				100%		
3.15.3				100%		
3.15.4				100%		

3.15.5				100%		
3.15.6				100%		
3.15.7				100%		
3.15.8				100%		
3.15.9				100%		
3.15.10				100%		
	Total Generator Loads:				VA	kW
	Heat - Air Conditioning (AC) Load:	QUANTITY	RATING (LOAD)	FACTOR	LOADS (VA)	LOADS (kW) (VA/1,000)
5.1	A/C Cooling Equipment:			100%		
5.2	Heat Pump					
5.2.1	Compressor (If not included as AC)			100%		
5.2.2	Supplemental Electrical Heat			65%		
5.3	Electrical Space Heating Equipment					
5.3.1	Less than four (4) separately controlled Units			65%		
5.3.2	Four (4) or more separately controlled units			40%		
5.4	System with a Continuous Nameplate Load			100%		
5.5	Largest Heat / AC Load (VA) kW					
General Loads:						
6.1	1st 10 kW of General Loads@ 100% kW				100% kW	
6.2	Remaining General Loads @40% kW				40% kW	
6.3	Calculated General Loads kW					kW
6.4	Largest Heat / AC Load 100% kW					kW
7	TOTAL CALCULATED LOAD (NET GENERAL LOADS + HEAT/AC LOAD)					kW

Please note that per Art. 220 of the 2023 N.E.C the electrical inspector may request the peak demand from the power company or Load Calculations done with NEC 702.4(A)(2).

Plan reviewer will accept peak demand as defined in 2023 NEC 220.87.