

## Load Calculation Work Sheet- NEC 2014, Art. 220, Part IV (optional method)

<b>Contractor</b>							
<b>Phone</b>							
<b>Job Name</b>							
<b>Address</b>							
<b>Date</b>							
<b>Voltage</b>							
<b>Utility</b>							
<b>Available Short Circuit Rating</b>							
<b>Service Size</b>							
<b>Square Footage</b>							
<b>Generator Size</b>							
<b>Fuel Type</b>							
<b>General Loads</b>	<b>Qty</b>	<b>Amps</b>	<b>HP</b>	<b>Watts</b>	<b>Factor</b>	<b>Load VA</b>	<b>Load kW</b>
<b>General Lighting, General Use Receptacles</b>					3VA/ft		
<b>Branch Circuits (Dedicated)</b>							
<b>Small Appliance Circuits</b>					100%		
<b>Laundry Circuits</b>					100%		
<b>Fixed Appliances</b>					100%		
<b>Well Pump</b>					100%		
<b>Sump Pump</b>					100%		
<b>Freezer</b>					100%		
<b>Microwave, Built In</b>					100%		
<b>Disposal</b>					100%		
<b>Dishwasher</b>					100%		
<b>Range (Electric) (See Table 220.55)</b>					100%		
<b>Wall Mounted Oven (Electric)</b>					100%		
<b>Counter Cook Surface (Electric)</b>					100%		
<b>Water Heater (Electric)</b>					100%		
<b>Clothes Dryer (Electric)</b>					100%		
<b>Sewage Grinder</b>					100%		
<b>Elevator</b>					100%		
<b>Ejector Pumps</b>					100%		
<b>Other:</b>							
<b>Total of General Loads</b>							
<b>Heat/ AC Loads</b>							
<b>AC Cooling Equipment</b>					100%		
<b>Heat Pump</b>							
-Compressor if not included as AC					100%		
-Supplemental Electric Heat					65%		
<b>Electric Space Heating</b>							
-Less than 4 seperately controlled units					65%		
-4 or more seperately controlled units					40%		
<b>System with Continuous Nameplate Load</b>					100%		
<b>Largest Heat/ AC Load (VA) VA KW</b>							
<b>Calculations</b>							
*-1st 10kW of general loads @ 100% kW					100%		
*-Remaining General Loads @ 40% kW					40%		
<b>Total Calculated General Load kW</b>							
<b>*-Largest Heat/AC Load</b>							
<b>Total Calculated Load</b>							