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### Johnny Paul Fortin Sizing Report

Rated Nominal Voltage                    240  
 Generator Fuel Choice                    Propane  
 Sizing Method (NEC 220)                Part IV  
 (Part III required for selected circuit implementation, Both valid for whole house)

General Lighting & Receptacles		Load (kW)
Square Footage Being Covered (ft^2)	1450	4.35
Small Appliance Circuits (20 amps)		
Kitchen Circuits	2	3
Laundry Circuits	1	1.5

	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
<b>Fixed-In-Place Appliances &amp; Motors</b>					
Water Heater	X	5.0		X	0.0
Microwave		1.3			1.3
Refrigerator		0.8			0.8
Freezer		0.8			0.8

	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
<b>Air Conditioning &amp; Cooling</b>					

	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
<b>Heating &amp; Heat Pumps</b>					

Transient Requirement	Estimated (LRA)	Actual (LRA)	Utilized (LRA)
Largest Motor's Starting Amps (LRA)	21	0	21

	Load (kW)	NEC Required
Summary NEC Load		
General Lighting & Receptacles	8.9	
Fixed-in-Place Appliances & Motors	2.9	
Sum of all General Loads	11.7	10.7
Cooling	0	0
Heating (w/demand factors)	0	0
Larger of Heating & Cooling	0	0
Sizing based on requirements of NEC Article 220, Part IV		10.7
Elevation		0 ft
Minimum size generator for motor starting requirements		7
BTU load required		179000

11 kW Generac Model Generator Recommended