



Holmes Beach, Florida Building Department
 5801 Marina Drive, Holmes Beach, FL 34217
 941-708-5800
 www.holmesbeachfl.org
[Florida Building Code 8th Edition \(2023\)](#)

Electrical Load Calculations

Electrical Contractor: _____
 Phone No.: _____ Fax No.: _____
 Project: _____ Location: _____
 Existing Service Feeder Size: _____ Existing Panel Size: _____
 Main Breaker Size: _____ Number of Breakers: _____

Existing Loads

_____ Sq. ft. x 3 watts per sq. ft.	_____ watts	
_____ Appliance cir. @ 1500 watts each	_____ watts	
_____ Laundry cir. @ 1500 watts each	_____ watts	
_____ Range @ 8 kw	_____ watts	
_____ Dishwasher and disposal @ 1500 watts each	_____ watts	
_____ Microwave @ 2000 watts	_____ watts	
_____ Water heater @ 4.5 kw	_____ watts	
_____ Tankless water heater	_____ watts	
_____ Dryer @ 5 kw	_____ watts	
_____ Refrigerator @ 1500 watts	_____ watts	
_____ Bathroom 1 @ 1500 watts	_____ watts	
_____ Sprinkler Pump	_____ watts	
_____ Other _____	_____ watts	
_____ Other _____	_____ watts	
_____ Other _____	_____ watts	Sub Total _____ watts

New Loads

_____ Pool pump	_____ watts	
_____ Pool light	_____ watts	
_____ Heat pump	_____ watts	
_____ Chlorine generator	_____ watts	
_____ Air blower	_____ watts	
_____ Boatlift	_____ watts	
_____ Other _____	_____ watts	
_____ Other _____	_____ watts	
_____ Other _____	_____ watts	Total _____ watts
_____ First 10 kw @ 100%	_____ watts	
_____ Remainder @ 40%	_____ watts	
_____ A/C heat @ 100%	_____ watts	

Total watts _____ Divided by 240 volts = _____ Amps

Prepared by: _____ Date: _____

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