

Residential Electric Consumption Calculator

Customer information	
Customer Name	
Address	
Address 2	
City, State, Zip	
Phone	

Installer information	
Installer contact	
Address	
Address 2	
City, State, Zip	
Phone	

Seasonal Characteristics	Maximum
Heating Season	5 months
Air Conditioning Season	3.5 months
Utility Season	12 months

All consumption figures based on Energy Information Administration data for US Households, 2001 and Efficiency Vermont Energy Star appliance load evaluation

Load	Quantity	Monthly kWh	Months per year	Total
Kitchen				
Refridgerator w/freezer	0	56	12	0
Freezer - Chest	0	36	12	0
Freezer - Upright	0	40	12	0
Dishwasher	0	13	12	0
Range	0	19	12	0
Oven	0	21	12	0
Microwave	0	11	12	0
Toaster oven	0	4	12	0
Coffee Maker	0	5	12	0
Garbage disposal	0	3	12	0
Well Pump 1/2 HP	0	12	12	0
Entertainment				
Stereo	0	5	12	0
TV - small (up to 19")	0	9	12	0
TV - medium (up to 27")	0	18	12	0
TV - large (greater than 27")	0	39.4	12	0
TV - 27" LCD Flat Screen	0	18	12	0
TV - 42" Plasma	0	49	12	0
VCR/DVD	0	6	12	0
Cable box	0	10	12	0
Satellite dish	0	11	12	0
Computer and printer	0	8	12	0
Lighting				
Lighting # of rooms	0	3	12	0
Outdoor lighting 175W	0	2	12	0
Outdoor lighting 250W	0	3	12	0
Laundry				

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Water Heater (# of bedrooms)	0	110	12	0
Electric Dryer # of loads per week	0	3.12	12	0
Washing # of loads	0	1.3	12	0
Outdoor equipment				
Hot Tub	0	192	12	0
Pool filter / pump	0	214	3.5	0
Comfort controls				
Dehumidifier	0	100	5	0
Humidifier	0	20	3.5	0
Air Purifier	0	37	12	0
Evaporative cooler	0	296	3.5	0
Window Air Conditioner	0	90	3.5	0
Ceiling Fan	0	4	12	0
Box fan	0	11	3.5	0
Electric Blanket	0	8	5	0
Water Bed Heater	0	75	12	0
Furnace Fan	0	125	5	0
Furn 15 KW ~ 1100 sq. ft.	0	881	5	0
Furn 20 KW ~ 2000 sq. ft.	0	1762	5	0
Furn 25 KW ~ 3000 sq. ft.	0	2643	5	0
Baseboard Lin. Feet	0	30	5	0
Wall Heaters @ 2000 w	0	365	5	0
1500 W Portable	0	274	5	0
Heat pump fan	0	90	5	0
Heat pump 800-1100 sq. ft	0	1094	5	0
Heat pump 1100-2000 sq ft	0	1460	5	0
Heat pump 2000 - 3000 sq. ft	0	1824	5	0
Air Conditioner 1/2 ton	0	375	3.5	0
Air Conditioner 1.5 ton	0	499	3.5	0
Air Conditioner 2 ton	0	623	3.5	0
Air Conditioner 3 ton	0	750	3.5	0
Air Conditioner 4 ton	0	1001	3.5	0
Air Conditioner 5 ton	0	1249	3.5	0

Total 0

If CORE applicants cannot supply a copy of a recent electric bill with yearly usage, for whatever reason, the applicant or vendor may submit a residential consumption calculator with a breakdown showing the expected annual consumption. If this documentation cannot be supplied or is of questionable quality a default standard maximum capacity size that references the square footage of the residence can be used: less than 2500 square ft. of habitable dwelling will be limited to a maximum of 5kW; 2501-5000 square ft. will be limited to a maximum of 7.5 kW; and over 5000 square ft. will be capped by the 10 kW residential cap. Estimated electricity consumption should be based on the square footage of the entire building for new construction. Applicants must also demonstrate that the new construction is within the service territory of a public electric or gas utility. At the time of funding approval, utility consumption history for new construction projects that have been completed will be requested.