

	Typical Wattage	Typical Period of Use	Estimated kWh/Month	Average Monthly Cost for Delivery (T&D)	Average Monthly Cost for Electricity Supply	Total Cost (T&D plus Supply)
Bathroom/Bedroom						
Bath with water jets	560	20 min./week	0.7	\$ 0.07		
Curling Iron	18	20 min./day	0.2	\$ 0.02		
Electric Blanket (175 watts per control unit)*	175	4 hours/day	22	\$ 2.07		
Hair Dryer	1250	15 min./day	9	\$ 0.85		
Hot Tub—outdoors; summer*	6000	1.5 hours/day	270	\$25.40		
Hot Tub—outdoors; winter*	6000	2.5 hours/day	450	\$42.34		
Shaver, cordless	3	18 hours/mo.	0.1	\$ 0.01		
Waterbed (winter season):						
King size, 70 degree room, covered*	365	12 hours/day	131	\$12.32		
Queen size, 70 degree room, covered*	365	9 hours/day	99	\$ 9.31		
Single size & soft-side, 70° room, covered*	365	6 hours /day	66	\$ 6.21		
Den/Living Room						
Aquarium with light and heater—10 gallon	48	24 hours/day	35	\$ 3.29		
Aquarium with light and heater—50 gallon	128	24 hours/day	92	\$ 8.66		
CD, Compact Disk Player	11	1 hour/day	0.3	\$ 0.03		
Computer and Printer	450	4 hours/day	54	\$ 5.08		
DVD Player	13	12 hours/day	5	\$ 0.47		
Hot Rock or Mat (for reptiles)	20	24 hours/day	14	\$ 1.32		
Radio	20	2 hours/day	1	\$ 0.09		
Stereo	110	1 hour/day	3	\$ 0.28		
TV, Color	200	6 hours/day	36	\$ 3.39		
TV, Large Screen	240	6 hours/day	43	\$ 4.05		
TV, Satellite Dish, 18" or less	20	24 hours/day	14	\$ 1.32		
VCR, videotape player	30	2 hours/day	2	\$ 0.19		

Heating & Air Conditioning

Air Conditioner (8,000 Btu Window Unit)*	1000	6 hours/day	180	\$ 16.93		
Air-to-Air Heat Exchanger	76	24 hours/day	55	\$ 5.17		
Dehumidifier**	550	12 hours/day	198	\$18.63		
Fans: ceiling	60	5 hours/day	9	\$ 0.85		
oscillating	75	2 hours/day	5	\$ 0.47		
window	100	4 hours/day	12	\$ 1.13		
woodstove fan	180	12 hours/day	65	\$ 6.12		
Humidifier (desk top)**	75	24 hours/day	54	\$ 5.08		
Space Heater (electric/portable):						
low heat*	500	8 hours/day	120	\$ 11.29		
medium heat*	1000	8 hours/day	240	\$22.58		
high heat*	1500	8 hours/day	360	\$33.87		

Heating Systems (Whole House) on Bangor Hydro's Electric Heat Rate (700 kWh requirement)

Electric Baseboard Heat (one foot)	250	8 hours/day	60	\$ 1.80		
Electric Baseboard, 10 feet	2500	8 hours/day	600	\$18.00		
Electrically operated Ground Source Heat Pump includes household hot water	5960	8 hours/day	1430	\$42.90		

Other Heating Systems (oil fuel price not included)

Hot Air Furnace (10 amps.)	1200	8 hours/day	288	\$ 27.10		
does not include household hot water						
Hot Water Baseboard Heat with 1 circulator pump [or radiators] (8 amps.) includes household hot water*	960	8 hours/day	230	\$21.68		

*Thermostatically controlled. Cost based on estimated "on" time. **Controlled by humidistat. Cost based on estimated "on" time.

	Typical Wattage	Typical Period of Use	Estimated kWh/Month	Average Monthly Cost for Delivery (T&D)	Average Monthly Cost for Electric- ity Supply	Total Cost (T&D plus Supply)
Kitchen						
Blender	375	15 min./week	0.4	\$ 0.04		
Can Opener	165	30 min./month	0.1	\$ 0.01		
Coffee Maker*	900	20 min./day	9	\$ 0.85		
Dishwasher, air dry cycle	600	3 loads/week	7	\$ 0.66		
Dishwasher, with hot dry cycle*	1500	3 loads/week	18	\$ 1.69		
Food Dehydrator (24 hours/use)	95	1 use/week	9	\$ 0.85		
Food Processor	690	15 min./month	0.2	\$ 0.02		
Freezer—chest, less than 10 years old*	600	3.3 hours/day	59	\$ 5.55		
Freezer—chest, more than 10 years old*	600	4.7 hours/day	85	\$ 8.00		
Freezer—upright, less than 10 years old*	600	5 hours/day	90	\$ 8.47		
Freezer—upright, more than 10 years old*	600	6.4 hours/day	115	\$10.82		
Fry Pan*	1200	1 hour/week	5	\$ 0.47		
Garbage Disposal	373	1 hour/month	0.4	\$ 0.04		
Hot Plate*	1200	1 hour/day	36	\$ 3.39		
Microwave Oven	1200	20 minutes/day	12	\$ 1.13		
Mixer	150	2 hours/mo.	0.3	\$ 0.03		
Range Burner, 6 inches*	1325	1 hour	40	\$ 3.76		
Range Burner, 8 inches*	2350	1 hour	71	\$ 6.68		
Range Oven, baking*	2585	20 hours/mo.	52	\$ 4.89		
Range Oven, broiling*	3400	1 hour/mo.	3	\$ 0.28		
Range Oven, self cleaning feature*	3435	2.5 hours/mo.*	4	\$ 0.38		
Refrigerator—standard, less than 10 years old*	800	3.75 hrs./day*	90	\$ 8.47		
Refrigerator—standard, more than 10 years old*	800	5.6 hours/day*	134	\$12.61		
Refrigerator—side-by-side, less than 10 years old*	900	4.75 hours/day*	128	\$12.04		

Refrigerator—side-by-side, more than 10 years*	900	6.29 hrs./day*	170	\$15.99		
Refrigerator—dormitory size/under counter*	114	9 hours/day	31	\$ 2.92		
Slow Cooker*	280	20 hours/mo.	6	\$ 0.56		
Toaster	1100	4 minutes/day	2	\$ 0.19		
Toaster Oven*	1500	15 hours/mo.	11	\$ 1.03		
Waffle Iron*	1200	2 hours/mo.	2	\$ 0.19		

Laundry Room/Basement/General

Clothes Dryer @ 1 hour per load*	5600	7 loads/week	157	\$14.77		
Clothes Washer @ 30 minutes per load (excluding hot water)	1200	7 loads/week	17	\$ 1.60		
Iron*	1000	5 hours/mo.	5	\$ 0.47		
Sewing Machine	102	5 hours/mo.	1	\$ 0.09		
Sump Pump (1/2 horsepower)	373	2 hours/day	22	\$ 2.07		
Vacuum	1000	4 hours/mo.	4	\$ 0.38		
Water Softener/Water Treatment Systems	4	cyclical	0.6	\$ 0.06		

Lighting

Bug Light	75	4 hours/day	9	\$ 0.85		
Christmas Lights, 64 lights (5 watt)	320	5 hrs./day for 3 wks.	34	\$ 3.20		
Christmas Lights, icicle (100 bulbs)	48	5 hrs./day for 3 wks.	5	\$ 0.47		
Christmas Lights, miniature (50 bulbs)	18	5 hrs./day for 3 wks.	2	\$ 0.19		
Flood Light, incandescent	100	1 hour/day	3	\$ 0.28		
Flood Light, compact fluorescent (equal to 100 watt)	28	1 hour/day	1	\$ 0.09		
Heat Lamp	250	5 hours/mo.	1	\$ 0.09		

*Thermostatically controlled. Cost based on estimated "on" time.

	Typical Wattage	Typical Period of Use	Estimated kWh/Month	Average Monthly Cost for Delivery (T&D)	Average Monthly Cost for Electricity Supply	Total Cost (T&D plus Supply)
Lighting (continued)						
Household (four 60 watt bulbs—each equivalent to one 15 watt compact fluorescent lamp)						
Summer	240	4 hours/day	29	\$ 2.73		
Winter	240	8 hours/day	58	\$ 5.46		
Household (four 15 watt compact fluorescent lamps—each equivalent to one 60 watt bulb)						
Summer	60	4 hours/day	7	\$ 0.66		
Winter	60	8 hours/day	14	\$ 1.32		
Security Light	150	8 hours/day	36	\$ 3.39		
Medical/ Health						
Air Filter/Purifier (tabletop)	45	12 hours/day	16	\$ 1.51		
Air Filter/Purifier (floor model)	198	12 hours/day	71	\$ 6.68		
Battery Charger for electric wheel chair	445	12 hours/day	160	\$15.05		
Chair with seat lift	130	5 minutes/day	0.3	\$ 0.03		
Foot Bath with heater*	75	30 minutes/day	1	\$ 0.09		
Heating Pad*	53	4 hours/day	6	\$ 0.56		
Hospital Bed/motorized adjustments	180	5 minutes/day	0.5	\$ 0.05		
Nebulizer/Medication Vaporizer	75	15 minutes/day	0.6	\$ 0.06		
Oxygen Concentrator	320	24 hours/day	230	\$21.64		
Wheel Chair Lift	560	8 minutes/day	2	\$ 0.19		
Shop/ Garage/Outdoor						
Engine Heater, auto*	750	8 hrs./day for 10 days	60	\$ 5.64		
Engine Heater, truck*	1500	8 hrs./day for 10 days	120	\$11.29		
Garage Door Opener	350	4 uses/day	0.4	\$ 0.04		
Grill, electric*	1500	2 hours/week	12	\$ 1.13		

Heat Tape (35 feet, 7 watts/foot)*	245	12 hours/day	88	\$ 8.28		
Lawn Mower, charger–battery powered unit	40	3 days charging	3	\$ 0.28		
Lawn Mower, electric with cord	1250	8 hours/month	10	\$ 0.94		
Motor, 1/2 horsepower	373	6 hours/mo.	2	\$ 0.19		
Motor, 1 horsepower	746	6 hours/mo.	4	\$ 0.38		
Pump, Swimming Pool	746	12 hours/day	269	\$25.31		
Pump, Septic (1 horsepower)	746	1 hour/mo.	0.7	\$ 0.07		
Pump, Water Well (1 horsepower)	746	1 hour/day	22	\$ 2.07		
Tools—small hand tools (3 ampere)	360	30 minutes/mo.	0.2	\$ 0.02		
Tools—large hand tools (10 ampere)	1200	30 minutes/mo.	0.6	\$ 0.06		

Water Heating: Electric Water Heater

Average Use Per Adult per Month*	4500		125	\$ 11.76		
Average Use Per Child (under 13) per Month*	4500		62	\$ 5.83		
Bath (20 gallons hot water)*		1 per day	72	\$ 6.77		
Clothes Washer (18 gallons hot water)* (using warm wash, cold rinse)		7 loads/week	79	\$ 7.43		
Dishwasher (9 gallons hot water)*		3 loads/week	16	\$ 1.51		
Dishwashing by hand (4 gallons hot water)*		1 load/day	18	\$ 1.69		
Shower, 5 minutes (13 gallons hot water)* (with energy saving showerhead)		1 per day	55	\$ 5.17		
Shower, 5 minutes (21 gallons hot water)* (without energy saving showerhead)		1 per day	92	\$ 8.66		

*Thermostatically controlled. Cost based on estimated "on" time.