

Estimated Electrical Consumption



Estimated monthly costs are based on a residential rate of \$0.1084 per kilowatt-hour (kWh) and do not include the monthly Service Availability Charge or taxes when applicable. Average hours used will vary according to your family's lifestyle. Appliances that are not in proper working order may cost considerably more to operate.

Kitchen

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|---------------------------------------|-----------------|--------------------------|-----------------------|------------------------|
| BBQ grill (electric) | 1,350 | .5 | 20 | \$2.23 |
| Blender | 150 | .5 | 2 | \$0.25 |
| Can Opener | 175 | 0.03 | 0.2 | \$0.02 |
| Coffee Maker (drip) | 850 | .25 | 6 | \$0.70 |
| Corn Popper | 175 | 0.07 | 1 | \$0.04 |
| Crock Pot | 200 | 1 | 6 | \$0.66 |
| Deep fryer | 400 | .25 | 3 | \$0.33 |
| Dishwasher * | 1,190 | 1 | 36 | \$3.92 |
| Disposal | 400 | 0.03 | 3 | \$0.04 |
| Food Processor | 175 | .25 | 1 | \$0.14 |
| Freezer, standard 15 cu. ft. | 350 | 14 | 147 | \$16.16 |
| Freezer, frost-free 15 cu. ft. | 440 | 14 | 185 | \$20.31 |
| Frying pan | 1,200 | .5 | 18 | \$1.98 |
| Microwave Oven | 1,450 | .4 | 17 | \$1.91 |
| Mixer (stand or hand) | 110 | .4 | 1 | \$0.15 |
| Oven – convection | 2,200 | .4 | 26 | \$2.90 |
| Oven – standard | 2,000 | .67 | 40 | \$4.42 |
| Range | 12,000 | .4 | 144 | \$15.83 |
| Refrigerator (standard) | 265 | 14 | 111 | \$12.23 |
| Refrigerator/freezer (side-by-side) | 900 | 6 | 162 | \$17.80 |
| Refrigerator, frost-free 16' | 475 | 13 | 185 | \$20.36 |
| Refrigerator, frost-free 20' | 540 | 15 | 243 | \$26.71 |
| Refrigerator, 4.4 cu. ft. (dorm size) | 75 | 12 | 27 | \$2.97 |
| Roaster | 1,450 | .5 | 22 | \$2.39 |
| Toaster | 1,100 | .1 | 3 | \$0.36 |
| Toaster oven | 1,500 | .25 | 11 | \$1.24 |
| Trash compactor | 600 | 0.03 | 0.6 | \$0.07 |
| Waffle iron | 1,100 | 0.25 | 8 | \$0.91 |

Home Entertainment

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|------------------------|-----------------|--------------------------|-----------------------|------------------------|
| Computer PC Desktop | 85 | 5 | 5 | \$1.40 |
| Radio | 20 | 7 | 4 | \$0.46 |
| 32 inch flat screen TV | 40 | 5 | 6 | \$0.66 |
| 60 inch flat screen TV | 60 | 5 | 9 | \$0.99 |
| Treadmill 2 h.p. | 2,000 | .5 | 30 | \$3.30 |

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Heating and Cooling

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|--|-----------------|--------------------------|-----------------------|------------------------|
| Air conditioner (3 ton central; 14 SEER) | 4,500 | 12 | 1,643 | \$178.05 |
| Air conditioner (14,000 btu window unit) | 1,875 | 8 | 450 | \$49.46 |
| Attic Fan (Summer only) | 500 | 2 | 30 | \$3.30 |
| Baseboard heater (1,500 watts) | 1,500 | 8 | 360 | \$39.57 |
| Central Electric Furnace (15,350 watts) | 15,350 | 8 | 3,684 | \$404.89 |
| Heat pump-cooling (3 ton 14 SEER) | 4,500 | 12 | 1,643 | \$178.05 |
| Heat pump-heating (2,000 sq. ft.) | 6,120 | 12 | 2,203 | \$242.14 |
| Portable Space Heater | 1,500 | 2 | 90 | \$9.89 |

Miscellaneous

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|--|-----------------|--------------------------|-----------------------|------------------------|
| Septic Pump | 1,000 | 1 | 39 | \$4.29 |
| Well Pump | 1,000 | 2 | 45 | \$4.95 |
| Dehumidifier (seasonal) | 300 | 24 | 216 | \$23.74 |
| Oxygen Concentrator | 460 | 24 | 331 | \$36.40 |
| Ceiling Fan 4 ft. diameter | 100 | 6 | 18 | \$1.98 |
| 175 w mercury vapor (dusk-to-dawn) | 175 | 11.8 | 63 | \$6.81 |
| 100 w metal halide (dusk-to-dawn) | 100 | 11.8 | 36 | \$3.89 |
| Incandescent light bulb | 100 | 5 | 15 | \$1.65 |
| Incandescent light bulb | 60 | 5 | 9 | \$0.99 |
| Compact fluorescent bulb (equivalent to 60 w incandescent) | 14 | 5 | 2.1 | \$0.23 |
| LED bulb (equivalent to 60 w incandescent) | 7 | 5 | 1.1 | \$0.12 |
| Christmas lights – 100 small | 50 | 5 | 8 | \$0.82 |

Bedroom

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|------------------------|-----------------|--------------------------|-----------------------|------------------------|
| Electric blanket | 200 | 8 | 48 | \$5.28 |
| Water bed (any size) | 300 | 12 | 108 | \$11.87 |
| Humidifier (warm mist) | 384 | 6 | 69 | \$7.60 |
| Heating pad | 65 | .5 | 1 | \$0.11 |

Laundry

| | Average Wattage | Average hours used daily | Average kWh per month | Estimated monthly cost |
|---|-----------------|--------------------------|-----------------------|------------------------|
| Iron | 1,100 | .5 | 17 | \$1.81 |
| Washer with hot water * | 600 | .5 | 9 | \$0.99 |
| Washer without hot water | 500 | .25 | 4 | \$0.41 |
| Clothes Dryer | 5,000 | .5 | 75 | \$8.24 |
| Water Heater 3 people ** | 4,500 | 4 | 420 | \$45.53 |
| Heat Pump Water Heater (EF @ 2.5) 3 people ** | 1,800 | 4 | 168 | \$18.21 |

*The cost of furnishing hot water to these appliances is greater than the cost of operating the appliances, which includes a motor, timer control and built-in lighting (when equipped).

** The energy consumption of water heaters related to the size of each family varies widely. The amount of clothes washing, bathing habits and temperature of tap water have a direct bearing on usage. The age of household members may also determine the quantity of hot water usage each month. A simple rule-of-thumb is: 275 to 375 kWh for 2 people (including heat loss of the tank), and 80 to 110 kWh for each additional person.

RATES AS OF MAY 1, 2015