



City of McCleary
Home of the McCleary Bear Festival

CONSERVATION PROGRAM Usage Chart

How much do your home appliances cost to operate?

The basic measure of electricity is the kilowatt-hour (kWh).

The electric bill indicates the number of kilowatt-hours used plus a daily customer charge and applicable taxes.

The following formula gives a rough estimate of the cost of operating an appliance each month. Three things must be known to make this estimate:

1. Wattage of the appliance (You can use this formula: Volts X Amps = Watts, or see the listing or specific appliance guide)
2. An estimate of the hours used each month
3. The cost per kWh for electricity.

$$\text{(Watts x Hours of use) / 1000 = kWh}$$

$$\text{kWh x 0.074 = Monthly Operating Cost}$$

Energy Using Devices – Heating & Lighting	Avg. Wattage	Est. Hours Month / Day	kWh Usage Month / Day	Cost per Month / Day
Air Conditioner – Window Unit				
Air HEPA Filter				
Ambient Fireplace w/ Heat on Low				
Ambient Fireplace w/ Heat on High				
Baseboard Heater 4 ft				
Baseboard Heater 6 ft				
Block Heater				
Cadet Wall Heater				
Furnace Blower				
Light bulb – LED 5W (60W incand)				
Light bulb – CFL 17W (60W incand)				
Light bulb – 60W incandescent				
Light bulb – CFL 26W (100W incand)				
Light bulb – 100W Incandescent				
Fluorescent Light Fixture 4ft / 4 lamp				
Pellet Stove w/ blower				
Portable Space Heater (incl. oil filled)				
Portable Space Heater (incl. oil filled)				
Portable Space Heater (incl. oil filled)				
Security Light				

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Energy Using Devices – Kitchen	Avg. Wattage	Est. Hours Month / Day	kWh Usage Month / Day	Cost per Month / Day
Coffee Maker				
Dishwasher				
Exhaust Fan				
Freezer – Upright, Frost Free				
Microwave				
Oven				
Range Top (large burner)				
Range Top (small burner)				
Refrigerator (pre-1993)				
Refrigerator (Energy Star)				
Toaster Oven				

Energy Using Devices – Electronics	Avg. Wattage	Est. Hours Month / Day	kWh Usage Month / Day	Cost per Month / Day
Computer + Flat Panel Monitor = Printer				
Laptop (when plugged –in)				
Xbox 360				
Playstation 3				
Nintendo Wii				
Surround sound system				
Digital Video Recorder (DVR)				
Television (25” CRT)				
Television (LCD or LED)				
Television (Plasma)				

Energy Using Devices – Other items	Avg. Wattage	Est. Hours Month / Day	kWh Usage Month / Day	Cost per Month / Day
Candle Warmer				
Cell Phone Charger				
Clothes Dryer				
Clothes Washer				
Clothes Washer (Energy Star)				
Dehumidifier				
Digital Photo Frame				
Electric Blanket				
Fish Tank (20 gallon)				
Hair Dryer				
Hot Tub				
Oxygen Machine				
Pond Pump				
Water Heater				

The estimated kilowatt-hour (kWh) consumption of the electrical appliances listed in the above charts are an average, based on normal usage of a family of four. These figures will vary considerably with the size and model of the appliance, the special features, the condition of a home’s wiring, the number of people in the household, the size of the home, the insulation levels in the home and individual use habits.

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