HOW TO WATCH YOUR WATTS

How much does it cost to operate your electrical appliances? It's not easy to give you exact figures because so many factors are involved. The efficiency of an appliance, where it's located, how it's used, and the condition of your home's wiring all make a difference. But we can provide you with some general guidelines to help you make wise decisions about using electricity.

Which appliances use the most electricity? Only a handful of electrical appliances account for most of your electrical use. They include the range/oven, furnace, refrigerator, water heater, air conditioner, and clothes dryer. All the energy used by your blender, dishwasher, vacuum cleaner, hair dryer, and electric toothbrush account for less than one-third of the electricity used by your water heater over a year's time.

APPLIANCE	TYPICAL RUNNING WATTS *	APPROX. KWHs USED	APPLIANCE	TYPICAL RUNNING WATTS *	APPROX. KWHs USED
Blender	390	1.2	Broiler	1,440	8.6
Coffee Maker	800-1,500		Deep Fryer	1,450	7.3
Dishwasher	1,200	30	Fry Pan	1,200	15.6
Grill (sandwich)	1,160	3.5	Hot Plate (single)	660	4
Microwave	750-1,450	21.8	Mixer	125	1
Range		100	Baking Element	3,000	
Broiling Element	3,000		Small Surface Unit 6" each	1,250	
Large Surface Unit 8" each	2,100		Self Clean (per Cycle)	2,260	
Roaster	1,330	17.3	Slow Cooker	200	
Toaster	1,150	3.5	Trash Compactor	1,100	1.1
Waste Disposer	450	3.2	Clothes Dryer Electric	5,000	80
Clothes Dryer Gas	700		Iron	1,200	12
Washer (auto)	600-700	10	Washer (man)	290	5.8
Hair Curler	400		Hair Dryer	300-1,200	
Heat Lamp (Infrared)	250		Heating Pad	650	
Lighting 100 watt bulb	100		Shaver	150	
Sun Lamp	280		Room AC (7seer) 6,000BTU	860	
Room AC 12,000 BTU	1,720		Central Air 2.5 ton/1500sq.'	4,500	

			home		
Heat Pump (cool day)	4,500		Heat Pump (cold day)	14,500	
Electric Space Heater	1,200-1,500		Attic Fan	450	
Portable Fan	150		Window Fan	190	
Furnace Blower (hard wired)	700		Dehumidifier	650	31.2
Electric Blanket	170-400	(annually) 113.4	Humidifier	650	14.4
Water Heater	1,000-5,000	450	Battery Charger	200-500	
Garage Door Opener	700		Pool Pump 1/3HP	250	182.5
Sewing Machine	75	1.1	Sump Pump	750	
Vacuum Cleaner	800-1,100	3.8	Water Pump 1/3 HP	250	10
Water Pump 1 ½ HP	1,120	44.8	Lawn Mower	1,000	
Computer (2 hrs. per day)	250-300				

* Figures represent typical wattage ranges; check individual appliances for exact wattages. These figures are based on the representative operating wattage shown for each appliance. Use the formula below to determine the actual number of kilowatt hours (KWH) your appliance uses each month.

- **Amps x Volts = Watts**
- **Watts divided by 1,000 = Kilowatts (KW)**
- **Wattage of appliance divided by 1,000 x Hours of operation per day x number of days on bill = total used per month.**

RESIDENTIAL RATES:

Rate Codes 1 & 3

Facilities Charge: Rate Code #1 - $20.00; Rate Code #3 - $20.00
kWh: Winter (Nov. – May) $0.0897; Summer (June – Oct.) $0.0998

Rate Code 30 (Time-of-Use)

Facilities Charge: Rate Code #30 - $26.00
kWh: Winter Peak $8.85 per kW; Summer Peak $11.85 per kW
all kWhs $0.0477

Provided courtesy of Carteret-Craven Electric Cooperative
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