

ELECTRIC USE IN THE HOME

What is a Kilowatt-Hour?

A kilowatt-hour (*kWh*) is a measure of electricity use. It is based on the amount of electrical energy needed to run a 100-watt light bulb for 10 hours. Your electric bill shows the number of kilowatt-hours you use. Here is an energy use chart that shows the approximate amount of kilowatts used by electrical appliances found in the average home.

To calculate your average monthly use, simply take the average wattage of the item, multiply it by the number of each item to determine the total average wattage used.

ITEM	AVG. WATTAGE	EST kWh CONSUMED	TIMES	NUMBER OF ITEMS	TOTAL MONTHLY
FOOD PREPARATION			x		
Blender	300	**	x		
Broiler	1,140	8	x		
Coffee Maker	894	12	x		
Crock Pot	100	*	x		
Deep Fryer	1,448	7	x		
Dishwasher	1,201	30	x		
Food Processor	360	*	x		
Frying Pan	1,196	14	x		
Hot Plate	1,200	8	x		
Microwave Oven	1,450	23	x		
Mixer	127	*	x		
Range					
With oven	12,220	98	x		
With self-cleaning oven	12,200	100	x		
Roaster	1,333	5	x		
Toaster	1,146	4	x		
Trash Compactor	400	**	x		
Waffle Iron	1,200	**	x		
Waste disposal	445	**	x		
FOOD PRESERVATION					
Freezer					
Automatic defrost 15 cu. ft.	440	150	x		
Manual defrost 15 cu. ft.	341	134	x		
Ice Maker		50	x		
Refrigerator-Freezer					
Automatic defrost 14 cu. ft.	615	200	x		

Manual defrost 14 cu. ft.	326	134	x		
HOME ENTERTAINMENT					
Radio	25	**	x		
Stereo: CD/Tape player/Receiver	40	2	x		
Color television	200	24	x		
VCR	75	5	x		
HOME OFFICE					
Computer					
Typical home, color monitor	170	10	x		
Facsimile					
Ink Jet	3	2	x		
Laser	15	11	x		
Printer					
Ink Jet	3	*	x		
Laser	135	8	x		
LAUNDRY					
Clothes Dryer					
Five loads per week @ 50 minutes/load	4,856	80	x		
Clothes Washer					
Not counting water heating	512	9	x		
Iron	1,100	11	x		
Water Heater (all heating needs)					
Quick Recovery	4,500	400	x		
Water Heater (all heating needs)					
Standard	2,500	400	x		
LIGHTING					
4-5 Rooms, winter months		50	x		
6-8 Rooms, winter months		65	x		
9-12 Rooms, winter months		75	x		
Security Light					
High-pressure sodium (orange clr)	100	45	x		
Mercury (silver clr)	175	73	x		
HOUSEWARES					
Clock	2	**	x		
Sewing Machine	75	*	x		
Vacuum Cleaner	620	4	x		
COMFORT CONDITIONING					
Air Cleaner	50	18	x		

Air Conditioner, Central (3 tons)					
36,000 Btu/hr.	4,500	242	x		
Air Conditioner, room					
6,000 Btu/hr. (1/2 ton) - EER5	1,200	133	x		
12,000 Btu/hr. (1 ton) - EER6	2,000	222	x		
Dehumidifier	500	380	x		
Electric Blanket	100	6	x		
Fan (attic)	370	48	x		
Fan (ceiling)	300	48	x		
Fan Window	200	34	x		
Furnace Fan	500	130	x		
Heater (portable)	1,322	90	x		
Heating Pad	65	*	x		
Heat Pumps					
Air-source, cooling	4,500	242	x		
Air-source, heating	4,500	1,729	x		
Ground-source, cooling	3,500	162	x		
Ground-source, heating	3,500	1,009	x		
Humidifier	177	14	x		
Water Bed	400	100	x		
HEALTH & BEAUTY					
Curling Iron	40	*	x		
Hair Dryer	1,200	11	x		
Razor	15	*	x		
OTHER SERVICES					
Water Pump					
Deep	1,736	60	x		
Shallow (50' or less)	1,060	30	x		
Sump Pump	500	7	x		
Swimming Pool					
Circulating pump & filter system					
24 hours/day during season	600	430	x		

Total the estimated KWH usage and compare with your last bill. Remember each home is different and comparing bills with your neighbor may not be helpful. Consumers can call the Co-op office (570) 924-3381 if you have difficulty in calculating your bill.

* This appliance uses less than 1 kWh per month

** This appliance uses less than 2 kWh per month