

$VOLTS \times AMPS = WATTS$

$WATTS \times TIME = kWh$

One 100 watt bulb on for ten hours = 1000 watt hours

1000 watts x 1 hour = 1 kWh

Appliance & Typical Wattage	Average Use	Average Monthly kWh Use
Air Conditioning		
Window Unit, 9000 Btu/hr	8 hrs per day	321 kWh
Central System, 24,000 Btu/hr	8 hrs per day	857 kWh
Baby Food Warmer - 165 Watts	3 times per day	3 kWh
Blanket - 150 Watts	Every night	12-19 kWh
Blender - 385 Watts	6 times per week	.1 kWh
Broiler (portable) - 1140 watts	Twice a week	7 kWh
Can Opener - 100 watts	3 uses per day	.03 kWh
Carving Knife - 95 watts	Twice a week	1 kWh
Clock- 2.5 watts	Every day	2 kWh
Clothes Dryer - 4900 watts	6 Loads per week	83 kWh
Clothes Washer (mach. operated) 512 watts	Per Load	3-4 kWh
Computer and Monitor - 100-200 Watts	4-8 hrs per day	12-48 kWh
Energy to heat water @ 30 loads/various temperatures		200 kWh
Coffee Maker - 600 watts	Once a day	5 kWh
Corn Popper - 575 watts	2 uses per week	1 kWh
Curling Iron - 40 watts	Once a day	.3 kWh
Deep Fat Fryer - 1200 watts	3 times a month	2 kWh
Dehumidifier - 257 watts	Every day	31 kWh
Dishwasher - 1200 watts	30 loads per month	30 kWh
Hot Water for 30 loads		100-130 kWh
Disposer - 445 watts	Every day	3 kWh
Electronic Cleaner - 50 watts	Every day	18 kWh
Egg Cooker - 550 watts	5 times per week	1 kWh
Fans		
Window - 200 watts	2 hrs every day	14-29 kWh
Furnace or Central Air - 270 watts	7 hrs every day	59 kWh
Attic	8 hrs every day	75-150 kWh
Floor Polisher - 305 watts	4 hrs per month	1 kWh
Fondue/Chaffing Dish - 800 watts	Once a month	.4 kWh
Freezer - 15 Cu ft		
Upright, manual defrost - 341 watts	Every day	80-140 kWh

Upright, frost free. - 440 watts	Every day	125-200 kWh
Chest, manual defrost	Every day	60-100 kWh
Frying Pan - 1200 watts	15 uses	9 kWh
Garage Door Opener - 1/3 HP	4 times per day	.3 kWh
Griddle - 1200 watts	Twice a week	4 kWh
Hair Dryers		
Soft bonnet - 400 watts	Twice a week	kWh
Hand held - 750 watts	10 minutes a day	4 kWh
Hair Setter/Curler - 350 watts	3 times per week	1 kWh
Head Bolt Heaters - 500-800 watts	8 hrs a day	120-192 kWh
Heat tape - 125 watts per 15 ft	Every day	90 kWh
Heating Pad - 60 watts	5 times per month	.3 kWh
Humidifier - 177 watts	Every day	14 kWh
Ice Cream Freezer - 130 watts	Once per month	.1 kWh
Ice Crusher - 100 watts	Twice a week	.04 kWh
Iron - 1100 watts	2 hrs per week	5 kWh
Juicer - 90 watts	Once a day	.05 kWh
Knife Sharpener - 40 watts	Once a week	.01 kWh
Lighting		108 kWh
Make-up Mirror - 20 watts	Once a day	.1 kWh
Microwave Oven	Each day	16-40 kWh
Mixer		
Hand, 80 watts	3 times a week	.1 kWh
Stand, 150 watts	Twice a week	.2 kWh
Radio	2 hrs per day	2-8 kWh
Range/Oven		
12,200 watts	For family of 3	100 kWh
Self-cleaning process	Each use	5 kWh
Refrigerator/Freezer - 17 cu in		
Frost Free	Every day	120-160 kWh
Manual	Every day	80-100 kWh
20 cu in/side by side/Frost free	Every day	160-200 kWh
14 cu in/Manual defrost - 326 watts	Every day	95 kWh
14 cu in/Frost free - 615 watts	Every day	152 kWh
Roaster - 1425 watts	Once a month	5 kWh
Sewing Machine - 75 watts	4 hrs per week	1 kWh
Shaver - 15 watts	Once a day	.05 kWh
Shaving Cream Dispenser - 60 watts	Every day	.03 kWh
Slow Cooker - 200 watts	Twice a month	3 kWh
Stereo/Hi-fi - 109 watts	2 hrs per day	9 kWh

Stock Tank Heater - 300-1500 watts	Every day	216-1080 kWh
Sun Lamp - 290 watts	10 min. every day	1 kWh
Television		
B&W, Solid state, 55 watts	6 hrs every day	10 kWh
Color, tube-type, 300 watts	6 hrs every day	55 kWh
Color, solid state, 200 watts	6 hrs every day	37 kWh
Toaster & broiler/oven	Once/twice a day	4-12 kWh
Toothbrush . 1.1 watts	Every day	1 kWh
Trash Compactor - 400 watts	1/2 hr every day	4 kWh
Vacuum Cleaner - 650 watts	10 min. every day	4 kWh
Video Cassette Recorder	2 hrs every day	3 kWh
Waffle Iron - 1200 watts	Once a week	2 kWh
Warming Tray - 140 watts	Twice per month	1 kWh
Water Bed w/heater		
Water Heater - general use for family of 4	350 gal per person	350 kWh
Well pump - 1000 watts		75-130 kWh

Updated: Wednesday, July 12, 2006

