

AVERAGE ELECTRICAL USAGE OF COMMON HOUSEHOLD ITEMS

Heating	
Type	Average Usage
Electric Furnace, 2000sf, cold climate	26,500 watts
Electric Furnace, 1000sf, warm climate	7,941 watts
Electric Space Heater (high)	1,440 watts
Electric Space Heater (medium)	900 watts
Electric Space Heater (low)	600 watts
Gas Furnace (for the blower)	750 watts

Major Appliances	
Type	Average Usage
Clothes Dryer (Electric)	4,400 watts
Water Heater (electric)	3,800 watts
Refrigerator (compressor)	200-700 watts
Refrigerator (average)	57-160 watts
Dishwasher (washer heats water)	3,600 watts
Electric oven, 350°F	2,000 watts
Diswasher (dry cycle)	1,200 watts
Dishwasher (no water heating or drying)	200 watts

Computers	
Type	Average Usage
Desktop Computer & 17" LCD Monitor	100-300 watts
Desktop Computer & Monitor (Sleep mode)	1-20 watts
17" CRT monitor	90 watts
17" LCD monitor	40 watts
Laptop computer	45 watts

Other	
Type	Average Usage
Microwave oven or 4-slot Toaster	1,440 watts
Coffee maker	900 watts
Range burner	800 watts
Clock radio	4 watts

Cooling	
Type	Average Usage
Central Air Conditioner (2.5 tons)	3,500 watts
Window unit AC, large	1,440 watts
Window unit AC, medium	900 watts
Window unit AC, small	500 watts
Fan only for Central AC (no cooling)	352-425 watts
More Efficient Cooling	
Evaporative Cooler	400 watts
Whole-house fan	350 watts
Floor or box fan (high speed)	100 watts
52" Ceiling fan (high speed)	90 watts
48" Ceiling fan (high speed)	75 watts
36" Ceiling fan (high speed)	55 watts
42" Ceiling fan (low speed)	24 watts

Lighting	
Type	Average Usage
60-watt light bulb (incandescent)	60 watts
CFL light bulb (60-watt equivalent)	18 watts
LED light bulb (60-watt equivalent)	10 watts
Night Light	5 watts
LED night light	0.5 watts

Televisions & Videogames	
Type	Average Usage
50-56" Plasma television	191-474 watts
50-56" LCD television	210-322 watts
42" Plasma television	188-464 watts
32" LCD television	98-156 watts
19" CRT television	55-90 watts
HD cable box	45 watts
Playstation 3	194 watts
Xbox 360	185 watts
Nintendo Wii	18 watts