Manage your
electricity use

Compare the wattage, average hours used and average kilowatt hours consumed of your appliances and electric devices with similar appliances of an average family of four.

MONTHLY ELECTRICITY USAGE IN KILOWATT HOURS

Appliance	Typical Wattage	Average hours used per month	Average Monthly kWh
Air Conditioner	1,000	200	200
Ceiling fan	50	180	9
Christmas lights	70	150	11
Coffee maker	900	13	12
Dehumidifier	480	720	346
Dishwasher	1,000	20	20
DVD player	60	120	7
Freezer (17 cubic feet)	600	720	432
Hair dryer	1,500	10	15
Heater (portable)	1,500	75	112
Light bulb (incandescent)	100	240	24
Light bulb (fluorescent)	18	240	4
Microwave oven	1,500	10	15
Oven	5,000	10	50
Refrigerator (19 cubic feet)	509	720	366
Stereo	75	130	10
TV (19")	100	120	12
TV (42" plasma)	375	120	45
Toaster oven	1,500	25	38

watts/1000 = kW

Create your own chart with items from your household and track your electricity costs per month by product.

Brought to you by your local

REMC

Rural Electric Membership Corporations

Kill-A-Watt
save energy, live greener

Brought to you by your local
Rural Electric Membership Corporations (REMC)

KILL A WATT™

Your local REMC is not liable for any damage caused by a Kill-A-Watt monitor. Operate only as instructed.

INDIANA STATE LIBRARY

Your decision to participate in your local REMC's Kill-A-Watt program starts you on the path to energy savings.

By finding out how much energy your electric devices are using, and then making adjustments, you can take charge of your electricity use and save on utility bills.

What you should
measure

The Kill-A-Watt monitor will help you discover small to medium-sized electrical devices that are turned "off" but still draw power 24 hours a day. This energy drain — called *phantom load* — can add **up to $200** to your utility bill each year.

GET STARTED

Measure the phantom load produced by your powered down devices with the Kill-A-Watt device.* After identifying the main sources of phantom load, use the low and no-cost solutions in this brochure to prevent energy waste.

Nearly every device with an external power supply, remote control, digital display, LED status light or digital clock **draws power continuously.**

DEVICE CHECKLIST

☐ Cable set-top box
☐ Computer
☐ DVD/VCR player
☐ Freezer
☐ Hair dryer
☐ Lamp with incandescent light bulb
☐ Lamp with compact fluorescent light bulb
☐ Microwave oven
☐ Modem or router
☐ Power strip
☐ Printer

☐ Phone chargers
☐ Refrigerator
☐ Space heater
☐ Stereo equipment
☐ Television
☐ Toaster
☐ Video game system
☐ Window A/C unit
Preventing phantom load is easy to do.
Read below to learn more.

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How to use
the device

1 **Plug the Kill-A-Watt**
Into an electrical socket or power strip. Then plug the electrical device you want to measure into the Kill-A-Watt. The voltage will appear on the display first, and should be between 110V and 120V. *(The Kill-A-Watt cannot be used to measure the electrical consumption of 220V appliances, such as many ovens or clothes dryers.)*

2 **Push the "Watt/VA" button** for an instant reading of the number of watts the device is drawing. Check several devices and compare electricity use to help prioritize which devices to unplug when not in use.

3 **Turn the electrical device off** to see if any electricity is being consumed when it is not in use.

4 **Check the cumulative energy consumption** used since the device was plugged into the Kill-A-Watt:

Be sure to leave each device plugged into the Kill-A-Watt for **at least one hour.**

READING THE RESULTS

KWH/HOUR
To determine kWh/hour, push the KWH/Hour button once and you'll see how many kilowatt hours were used since the device was connected to the monitor.

Kilowatt hours
(kWh) is the measurement that your utility uses on your electricity bills.

TIME OF USE
Push the KWH/Hour button twice to see the time in hours since the appliance was plugged into the Kill-A-Watt.

Simple ways to cut
energy waste

UNPLUG UNUSED DEVICES

Unplug devices that use power even when powered down.
CD and DVD players, microwaves, video gaming systems, alarm clocks, a cell phone that's already fully charged, computers, TVs — **UNPLUG** these items to keep the meter from spinning. Be sure to consider if unplugging an appliance could erase personal settings or other data that has been programmed.

USE A POWER STRIP

Group computers, printers, TVs and other devices on a single power strip that can easily be switched off.
Save time by placing multiple devices on a power strip that can easily be switched off.
Consider purchasing a Smart Strip, which *automatically* powers down your computer and its peripherals (such as speakers, modems and printers) once you turn off your computer. Smart Strips range from $25 to $40.

PURCHASE EFFICIENT PRODUCTS

Choose energy efficient options when replacing electric appliances and other devices.
Look for ENERGY STAR® certification on the packaging of products when it's time to replace an electric device.