

Programming the Watt Detector

The Watt Detector device has been pre-programmed for your convenience with the average electricity rate for OPPD customers. This number is an average of OPPD's summer and winter rates.

Use the worksheet below to record your monthly estimated cost for each appliance. Be sure the Watt Detector is set on the "cost per month" setting before recording below. The longer the appliance remains attached to the unit, the more accurate the projection will be. For example, if a television is used 4 hours a day, it is important to measure the 20 hours a day the appliance is not in use to get a true projection of the cost.



Watt Detector Appliance Worksheet

Appliance		Estimated cost per month Average	
Refrigerator (17 cu.ft.)		\$11.07	
Video Game (Wii)		\$0.20	
DVD/VCR		\$0.70	
Television (32")		\$1.61	
Computer/Monitor		\$3.22	
Microwave		\$1.51	
DVR		\$2.17	
Hair Dryer		\$1.51	
Coffeemaker		\$1.21	
Plug-in Lamp	100-Watt incandescent	\$2.41	
	25-Watt CFL	\$0.60	

Monitor
your energy
consumption.

Visit oppd.com/wattdetector for a comprehensive appliance list.

Watt Detector Program

Congratulations! You have taken the first step to monitor energy usage in your home. Based on the data you collect you can take the next step to reduce energy use, become more energy-efficient and save money on your next electric bill.

Watt Detector Kit

The Watt Detector Program is available to you through participating libraries in Omaha Public Power District's service territory. Visit oppd.com/wattdetector to find a library near you.

What is a Watt Detector?

The Watt Detector is a Kill-A-Watt™ device used to measure the amount of electricity various household appliances use. It calculates how much money or energy is being spent on an hourly, daily, monthly or yearly basis. It measures energy use in watts and translates that into kilowatt-hours (kWh), the same unit of measurement used on your electric bill.

1000 watts = 1 kilowatt; a 100-watt device running for 10 hours = 1 kWh.

Quick-Start Guide

Use these quick-start instructions to get up and running in just a few minutes.

- Plug the Watt Detector into a wall outlet; plug the appliance or electronic device into the Watt Detector.
- Press and hold the RESET key on the unit until "rEST" appears.
- To display the actual cost of power consumed or projected cost, press the MENU key until "Cost" is displayed in the LCD.
- Pressing the UP and DOWN key will cycle through the cost projection periods. For example, if the display indicates \$2.34 and "Month," the unit is projecting that the attached appliance will consume \$2.34 worth of electricity in one month.
- To display the power measurements, press the MENU key until "Volt" is displayed on the LCD.
- To cycle through the various measurements, press the UP and DOWN key as desired. The measurement unit currently selected will be indicated in the display.
- To display the total consumed power in kWh, press the MENU key until "KWH" is indicated in the display.
- To reset the accumulated measurements, press and hold the RESET key on the unit. After a few seconds, "rEST" will appear momentarily on the LCD. Release the RESET key. This indicates that previous measurements have been deleted and that the total accumulated kWh, elapsed time and cost measurements have been reset to zero.

Warning: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. Only appliances that use a standard, 120-volt outlet can be measured. Do not use this device on ranges or clothes dryers. Review the operations manual on oppd.com for all safety warnings.

For more information, contact OPPD's Energy Advisor at 402-636-3850 or visit oppd.com/wattdetector.