



**Western Massachusetts
Electric**

A Northeast Utilities Company



Fall into Energy Savings

Brisk New England weather is just around the corner. Get an early jump on energy efficient measures that will keep you warmer in the cooler temperatures to come and will help reduce your electric bills:

- ▶ Have your heating system tuned up by a qualified professional once a year
- ▶ Consider replacing an older furnace, heat pump or boiler with an ENERGY STAR®-rated system
- ▶ Invest in automated controls such as a programmable thermostat and advanced power strips to reduce your energy use when nobody is home
- ▶ Seal air leaks to reduce drafts and add insulation
- ▶ Visit www.MassSave.com to find out about a free Home Energy Assessment and other no- or low-cost energy-saving tips



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How Much Are Your Appliances Costing You?

Household appliances large and small use electricity, and their everyday use adds up quickly on your monthly bill. Do you ever wonder which appliances in your home are costing you the most money to run? Being informed can help you control your energy use and save you money.

The chart inside will help you estimate your energy costs based on the appliances you run at home. Read on, and then start saving!



Monthly Estimated Appliance Use

Appliance	Estimated Wattage	Estimated hours of use per month	Estimated cost per month
60 Watt incandescent light bulb (800 lumens)	60	240	\$2.02
18 Watt Compact Fluorescent (CFL) light bulb (800 lumens)	18	240	\$0.60
Desktop Computer, LCD Monitor	270	120	\$4.54
Laptop (Charging)	75	90	\$0.95
32"-50" LCD Television	150	120	\$2.52
DVD/Blu-ray Player	60	120	\$1.01
24 cu. feet Frostfree Refrigerator/Freezer*	650	720	\$65.52
18 cu. feet Refrigerator*	450	720	\$45.36
17 cu. feet Chest Freezer*	230	720	\$23.18
Electric Oven*	5000	10	\$7.00
Large Surface Unit Range	2400	10	\$3.36
Small Surface Unit Range	1200	10	\$1.68
Microwave Oven	1500	10	\$2.10
Clothes Washer	1200	16	\$2.69
Electric Clothes Dryer	5000	24	\$16.80
Space Heater	1500	75	\$15.75

* Some appliances that remain plugged in draw electricity only for a percentage of time. Thermostatically controlled appliances are on for 30 – 80 percent of the actual time used.

Calculating the Operating Cost of Appliances

The estimated wattage, hours of use and cost are intended to be used as a guide. Your actual use and operating costs may vary, so use the following formulas to calculate the cost of running an appliance in your home:

(Watts ÷ 1,000) x number of hours used = kilowatt hours (kWh)

kWh x rate per kWh = operation cost**

** The 2011 average rate for a residential customer receiving Basic Service is \$0.14

To see how many kilowatt hours your household consumes in a month, look for the "Actual Usage" listed on your bill. Compare your usage from month to month by looking at the historical bar graph on the left side of your bill. You can also review your usage on wmeco.com to see in what months you consume the most electricity.

