

Your energy provider yesterday, today and tomorrow."

NEWSLETTER

Chippewa Valley Electric Cooperative

November 2011

DUAL FUEL HEATING SYSTEMS TO BE TESTED NOVEMBER 16

As the heating season fast approaches, we are preparing for another Wisconsin winter. This includes a test of our load management system.

If you currently participate in our dual fuel or off-peak heating program, the load management system will be tested on Wednesday, November 16 (Thanksgiving is the following week).

Your electric heating system will be shut off at 5:00 p.m. and will remain off throughout most of the evening. Heating systems will be randomly turned back on beginning at 9:15 p.m. and all systems should be back on by 11:15 p.m.

During the time the electric heat is off, customers will rely on their backup heating system. If you experience any problems with your heating system during this test, please contact your heating contractor. If you experience any problem with our load management receiver (pictured above), contact Chippewa Valley Electric Cooperative at 715-239-6800 or 1-800-300-6800.

This test is a benefit for you as well as the cooperative. We want to make sure your backup heating system and the load control device work properly before we get into extremely cold weather.

If you have any questions regarding this test, please call the office.



Load Management Receiver

**OFFICE CLOSED
THANKSGIVING DAY
NOVEMBER 24**



REBATE REMINDER: SUBMISSION DEADLINE IS JANUARY 3, 2012.

As the holidays approach, we want to remind you of the rebate options available to our members. CVEC offers rebates for the purchase of LED and CFL lighting.

If you have purchased, or plan to purchase, LED holiday lights in 2011 you can receive a credit on your electric account of \$2 per string (25 light minimum) or \$2 per décor item, both with a limit of 12 per account. Also, if you have purchased any CFL light bulbs throughout the year you can receive a credit of \$1 per bulb (limit 10 per account). We will need a copy of your receipt and the completed rebate form to process your credit.

In addition to lighting rebates, CVEC offers a variety of other rebates for purchases made in 2011. There are rebates offered for appliances, central air conditioning, heat pumps, agricultural and commercial purposes. Please go online to cvecoop.com/services/rebates.php for complete rebate information and forms, or call our office for more information, 715-239-6800 or 1-800-300-6800.



NEW LIGHT BULBS: WHAT'S THE DIFFERENCE?

Traditional incandescent bulbs use a lot of energy to produce light.

- 90% of the energy is given off as heat
- That lost energy is **money we are throwing away**

Light bulbs are getting better. Newer bulbs - like halogen incandescent, CFLs and LEDs - last longer and use less energy than traditional incandescent bulbs, saving you money on your energy bills. In fact, beginning in 2012, everyday light bulbs have to meet new Department of Energy standards for how much energy they use. Bulbs that don't will be phased out over the next couple of years.

WHAT ARE MY LIGHTING CHOICES?

Three of the most common energy-efficient lighting types include energy-saving incandescents, CFLs, and LEDs. You can find these in most hardware and home improvement stores, and they are all more energy-efficient than traditional incandescent bulbs.

Halogen Incandescents

Energy Savings:* 25%
Lifespan:* 3 times longer
Annual Energy Cost: \$3.50



Compact Fluorescent Lamps (CFLs)

Energy Savings:* 75%
Lifespan:* 10 times longer
Annual Energy Cost: \$1.20



Light-Emitting Diodes (LEDs)

Energy Savings:* 75-80%
Lifespan:* 25 times longer
Annual Energy Cost: \$1
**As compared to traditional incandescent bulbs.*



Along with this move to more efficient bulbs comes a new way to shop for them.

WHAT ARE LUMENS?

For years, people have chosen light bulbs by the watt, learning over time about how bright a typical 40-watt or 60-watt bulb is. But wattage tells you only how much energy a bulb uses - not how bright it is.

With newer light bulbs designed to use less energy, wattage is no longer a reliable way to gauge a light bulb's brightness. That takes lumens.

lumens = brightness

watts = energy

The brightness, or lumen levels, of lights in your home may vary widely, so here are some guidelines:

- To replace a 100-watt traditional incandescent bulb, look for a bulb that gives you about 1600 lumens. If you want something dimmer, go for less lumens; if you prefer brighter light, look for more lumens.
- Replace a 75-watt bulb with an energy-saving bulb that gives you about 1100 lumens.
- Replace a 60-watt bulb with an energy-saving bulb that gives you about 800 lumens.
- Replace a 40-watt bulb with an energy-saving bulb that gives you about 450 lumens.

THE LIGHTING FACTS LABEL

To help consumers better understand the switch from watts to lumens, the Federal Trade Commission will require a new product label for light bulbs starting in January 2012.

The Lighting Facts Label will help consumers understand what they are really purchasing. The label clearly provides the lumens - or brightness - of the bulb, estimated yearly operating cost, the lifespan of the bulb, the color of the light (from warm/yellowish, to white to cool/blue) and the amount of energy used.

<p>Brightness</p> <p>820</p> <p>lumens</p> <hr/> <p>Estimated Energy Cost</p> <p>\$7.23</p> <p>per year</p>	<p>Lighting Facts Per Bulb</p> <table border="1"> <tr> <td>Brightness</td> <td>820 lumens</td> </tr> <tr> <td>Estimated Yearly Energy Cost</td> <td>\$7.23</td> </tr> <tr> <td colspan="2"><small>Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use</small></td> </tr> <tr> <td>Life</td> <td>1.4 years</td> </tr> <tr> <td colspan="2"><small>Based on 3 hrs/day</small></td> </tr> <tr> <td>Light Appearance</td> <td></td> </tr> <tr> <td colspan="2"> <p>Warm Cool</p> <p>2700 K</p> </td> </tr> <tr> <td>Energy Used</td> <td>60 watts</td> </tr> </table>	Brightness	820 lumens	Estimated Yearly Energy Cost	\$7.23	<small>Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use</small>		Life	1.4 years	<small>Based on 3 hrs/day</small>		Light Appearance		<p>Warm Cool</p> <p>2700 K</p>		Energy Used	60 watts
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Source: www.energysavers.gov & www.ftc.gov

Chippewa Valley

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