

# SUMMER SAFETY

## Students Attend Electrical Hotline Demonstration

**K**ids in a large area can be kind of loud, except when they hear a fuse blow due to a simulated outage that has just occurred in front of them. That's what happened when Clark Electric Cooperative put on a hotline electrical safety demonstration recently for UW-Extension and Clark County School fifth-graders. More than 300 kids had fun while learning the dangers of electricity.

The program was put on by Clark Electric Cooperative lineman Scott Bailen and Director of Member Services John Knox. They went over the dangers of flying kites near power lines and explained what can happen when a kite string makes contact with a power line. They also answered the never-ending question, "Why can birds sit on electric wires?" Many other questions were answered during the morning demonstration.

"Putting on these demonstrations is very important," Knox said. "Kids as well as adults need to know not to take electricity for granted."

Also part of the event were an area set aside for ATV safety, a tractor to demonstrate the dangers of the



*Director of Member Services John Knox talks to a group of fifth-graders from schools all over Clark County.*



*Lineman Scott Bailen re-energizes electric line during the hotline demonstration.*

power takeoff unit on an engine, small animals, and many other informational sessions. The local FFA students help tremendously by showing children around the fairgrounds and interacting with the students.

Remember to be safe this summer. Stay away from downed power lines; if you should happen to come across a downed line, call your electric cooperative to safely remove it. ■



# Evergreen® Update

## You Can Do Your Part

The Evergreen Program continues to grow. The members of Clark Electric Cooperative, through the efforts of Dairyland Power Cooperative, are leaders in supporting renewable energy.

To those who are already participating—thank you! By supporting renewable energy programs like Evergreen, our children and grandchildren will enjoy a cleaner, greener world. For those who are interested in joining the program or expanding their current investment, simply fill out an application form and mail it back to our office (may be included with power bill).

Evergreen energy is sold in 100-kwh blocks. One block of Evergreen power is \$1.50 above and beyond the cost of one block of energy produced by traditional means. So if you decide to buy three blocks of Evergreen (you can buy more!), you would be billed \$4.50 per month, which would show up as a line item on your electric bill. ■

Please count me in for one \_\_\_\_\_ or more \_\_\_\_\_ (specify number) 100-kwh blocks per month of electricity from renewable sources. Each 100-kwh block is \$1.50 per block per month.

Name: \_\_\_\_\_  
(please print):

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Account Number: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



## METER TESTING

This July, Clark Electric Cooperative will start testing meters on the electric system. This year we will be testing meters of members whose electric service is provided through the Sherwood Substation. If there are any questions, please call the cooperative office at 715-267-6188.

## Electric Water Heaters

### Another Great Value For Your Energy Dollar



Consider installing an energy-efficient electric water heater. A Marathon Water Heater is a good example of this type of water heater.

By replacing your older electric water heater or your energy dollar-wasting propane gas water heater, you can save on your energy dollar purchases for your hot water needs.

By comparing water heating options, you can see that a high-efficiency electric water should be your choice.

<b>Electric</b>	<b>@</b>	<b>\$ 0.0925/kwh</b>	<b>\$432.48</b>
<b>Propane</b>	<b>@</b>	<b>\$ 2.3400/gal</b>	<b>\$628.18</b>

*Current price of propane locally before printing*

Which dollar amount would you like to pay? You can save even more by having Clark Electric install a load management device on the water heater. You will be able to save an additional \$48 each year on your electric bill. Just think where that additional savings can be used. ■



**Are You Tired Of Your Energy Dollars  
Going Up The Chimney?**



*Apprentice Lineman Jarred Martens secures the pole guard on a service during a system improvement job, one of many projects designed to make the system more reliable for you.*

# THE HEATING SEASON IS APPROACHING

## Are You Concerned About High Heating Costs This Coming Year?

Everyone is watching the price of fuel go up, and many members are feeling the pinch in their pocketbooks. Members are starting to ask how they can save more on heating and cooling their houses this year and into the future. It's all about efficiency—making your home keep its heat better and making the changes that will give you the best return on your dollar.

Now is the time to start preparing for winter. First, make changes and updates that can be done without making a major investment in your home. Stopping drafts from infiltrating your home should be one of the first things you do. Caulk, and then caulk some more—it's inexpensive and easy. Make to sure caulk areas around doors and windows first. Use expanding and non-expanding spray foam to fill in large areas that can let lots of air through. Weatherstripping around windows and doors, especially the bottom of the door, is another inexpensive fix that can help a lot.

Another outside fix that can help tremendously is installing storm windows if you have single-pane windows. Installing a storm door to help block the wind is also a good idea. Infiltration of cold air during the winter

months is a major contributor of high heating bills.

Also, look at what type of fuel you use and what you pay for it. The extreme price escalations of propane and oil during the winter are always on people's mind. The price of electricity has also been increasing, but not as fast as the cost of other fuels. Shown below is a breakdown of two heating systems and their fuel type and costs: a geothermal heating and cooling system on regular rates and our Dual Fuel rate, and a propane heating and cooling system.

Bottom line: You can see that heating with an all-electric source such as geothermal could save you \$1,524 a year. You could make that savings even greater by utilizing our Dual Fuel - DF heating rate (the co-op has the ability to interrupt the geothermal heating system, and the member has a backup system ready to heat if needed). The savings now could be \$1,828 a year.

Now is the time to consider your options, before winter is here. Take advantage of our special electric heating rates and incentives. At Clark Electric, we want you to get the most out of your energy dollars by using your energy sense to buy the right choice. ■

System Description	Option 1 Geothermal	Option 2 Geothermal/DF	Option 3 LP Gas
<b>Primary Heating System</b>			
Fuel Type (Select A - E)	Electric	Electric	LP Gas
Heating Efficiency (%)	350 %	350 %	93 %
Fuel Cost Per Unit	\$0.0925	\$0.0525	\$2.3400
Seasonal % of Source	100 %	100 %	100 %
Heat Content of Fuel	3,413 Btu/kwh	3,413 Btu/kwh	91,600 Btu/Gal
Annual Consumption (Units)	6,863 kwh	6,863 kwh	962 kwh
Annual Fuel Cost	\$635	\$360	\$2,252
<b>Cooling System</b>			
Cooling Efficiency (SEER/EER)	16.00	16.00	14.00
Fuel Cost Per Unit	\$0.0925	\$0.0525	\$0.0925
Annual Consumption	750 kwh	750 kwh	857 kwh
Annual Fuel Cost	\$69	\$39	\$79
<b>Total Annual Fuel Cost</b>	<b>\$704</b>	<b>\$400</b>	<b>\$2,228</b>