

Volts and Jolts

Published monthly for the members of RED LAKE ELECTRIC COOPERATIVE, Inc.

One of the Minnkota Power Systems

SERVING THE FOUR-COUNTY AREA OF MARSHALL, PENNINGTON, RED LAKE AND POLK

VOL. 48 - NO. 3

RED LAKE FALLS (RED LAKE COUNTY), MINNESOTA 56750

DECEMBER 2012

Giving kids the power to save

PowerSavers program distributes nearly 2,300 energy-savings kits to area schools

Rarely can fifth and sixth-Elementary School say they saved their family money by finishing a homework assignment. But with the help of a grown-up and the right supplies and instructions from their local electric co-op, students at the rural Minnesota school were finding energy and cash savings just in time for the holiday sea-

Through the PowerSavers Conservation Improvement Program, Red Lake Electric Cooperative presented 25 students at the school with an energy-savings kit packed full of CFL bulbs, low-flow showerheads and high-efficiency faucet aerators. If all the energy-efficient devices were installed, the household could expect to save up to (2004001.02 Arne Rantenen) 1,700 kilowatt-hours (kWh) or \$200 each year. The hands-on lessons proved popular with students and their homes.

Fifth-grader teacher Eric Mickelson said the kit and presentation will fit in well with his science classes. "It's a good topic to bring up because there are some who don't know where our power comes from," Mickelson said. The utilities in the PowerSavers program contacted elementary school teach-

In this month's Volts and Jolts

Manager's Comments

Bright ideas for a safe holiday season

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From the Mail Bag

Feature of the Month Larson lighting display

CGF project moving along

Are all fires the same?

Safe use of electric heating products adds winter warmth



Fifth- and sixth-graders at Goodridge Elementary School eagerly open the energy-savings kits they received form Red Lake Electric Cooperative through the PowerSavers Conservation Improvement Program.

ers and invited them to participate in the energy-savings proj-

Nearly 2,300 kits were distributed to students in Minnesota school districts throughout Minnkota's service area. In Red Lake Electric Cooperative's service territory it included Goodridge, MCC in Newfolden, Thief River Falls, RLCC in Plummer and Red Lake Falls schools. Upon completing all the tasks in the kit and filling out a brief work sheet, students received a free LED night light. The class from each school with the highest percentage of participation and most kWh savings by the end of 2012 will receive a pizza party or money donated to a field trip. Even without the grand prize, the kits and presentation have the full endorsement of the Goodridge students, who enthusiastically inspected the hot water gauge, shower flow meter and (2235003.02 Roger L. Schmitz) other energy-saving devices. "The items in the kit were easy for the kids to install with their parents," Mickelson said. "I thought it went over well."

Positive feedback

Minnesota cooperatives and municipals in Minnkota's service area started PowerSavers in 2008 in an effort to meet stan-

dards for energy efficiency and conservation in the state. The group has programs and incentives available for qualifying residential and commercial con-

Lisa Pickard, Minnkota energy conservation coordinator, said the goal of the kit project is to help students learn where electricity comes from and why it's important not to waste it. "Kids sometimes feel there isn't much they can do financially to help out around the house," Pickard said. "What we're trying to show them is that every little bit adds up." The group is pleased with the way students and classrooms are responding to the program. "This is a great way for us to talk to new generations of electric consumers about how energy is produced and how it can be used more efficiently," Pickard

School takes the cue

The Goodridge School isn't just leaving it up to its elementary students to save energy. The school, which is home to preschool through 12th grade, has taken a proactive approach to reducing its energy usage. Red Lake Electric partnered with the school to upgrade almost all of its lighting in 2011.

Continued on page 8.

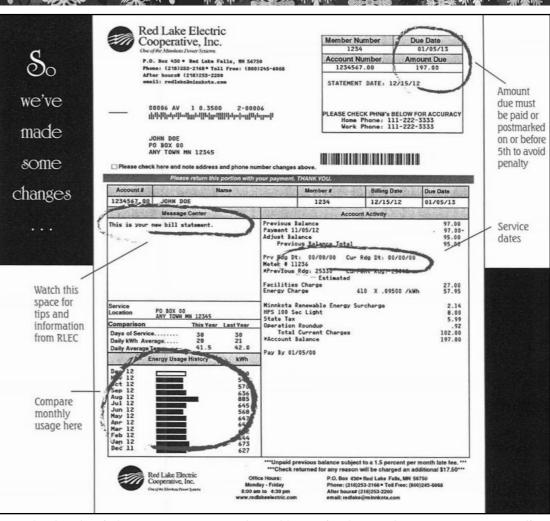
May the Holidays bring family and friends to your fireside, Peace and Happiness to your pathway, and good health and prosperity throughout the New Year. Merry Christmas and Happy New Year to you and your loved ones. From the employees and directors of Red Lake Electric Cooperative.



RLEC Employees and Directors recognized for Years of Service

Employees and directors of Red Lake Electric Cooperative were recently recognized for their years of service to the Cooperative. Pictured left to right are Warren Malwitz, custodian; Steve Linder, district 4 director; Laurie Malwitz, custodian; Bonnie Christrans, President, district 1 director; each with 10 years of service; Steve Kruse, lead lineman, 15 years; Shirley Bregier, accountant, 40 years. Not pictured is Peter Mosbeck, district 9 director, 5 years.





Red Lake Electric has a new look to your electric bill. The electric bill that you received in December is a new format for us. All the information that was on your former bill is still here, just in a different format and we have added a few new things as we have highlighted in the sam-

One reason for this change is

we currently could not print the Intelligent Mail barcode to be eligible for automation discounts. Another reason is so that we will have the ability to have your bill history available on our web site.

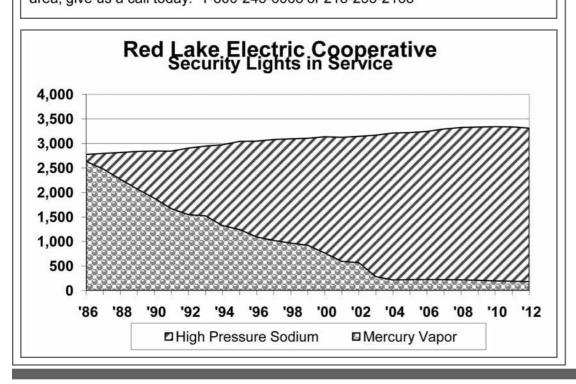
You will not only be able to view your bills but in the future you will be able to choose to have a paperless bill and\or

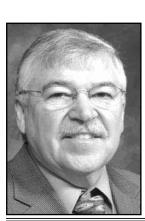
make your payments online. Red Lake Electric is pleased with the changes we've made to our billing and we hope you like the changes too. Please watch your bill and the Volts and Jolts for further updates on this process. If you have questions on your electric bill please give us a call at 1-800-245-6068 or email redlake@minnkota.com.

QUICK TAKES

A look at some statistics from your Red Lake Electric Cooperative

The shorter daylight hours that come with this time of year doesn't mean you have to be in the dark. Red Lake Electric Cooperative has outdoor Security Lighting available for just pennies a night. The monthly \$8 charge inloudes all costs to operate and maintain the light. If you want to add lighting to your yard or work area, give us a call today. 1-800-245-6068 or 218-253-2168





Manager's **Comments**

by Roger Johanneck



A look at 2013

While there is still plenty of work to do before we can put 2012 to rest; work on the new year has begun in the form of budgeting by those of us assigned to do that task here at your Cooperative. Budgeting for new construction, normal replacement of aged plant and the continued maintenance that is necessary to keep the electric system in reliable shape are all part of the budgeting work we're doing now to prepare for next year and beyond. Budgeting revenue to cover expenses, of course, is part of

the annual planning too. Your cooperative has done a good job, I think, of keeping up with maintaining the electric system. Poles are inspected in parts of our service area annually as well as routine line inspection done daily as crews are out doing work. Poles that do not pass the test are replaced and other problems found in our daily routines are corrected before they result in service interruptions. New tie lines are added to improve system reliability and aid in restoring power quicker when problems do arise; system upgrades are made when

growing loads require it.

There are places for improvement though, and part of our maintenance work that we hope to do better at in the new year has to do with detecting the nuisance line blinks that cause problems with digital clocks and other sensitive digital equipment. Earlier this year I wrote that we typically see line blink operations increase in the Spring and Fall when migratory bird traffic is at it's peak. Last Fall's blink problem has been solved and a new one in the area south of Thief River Falls has popped up, much to the dismay of members served by that circuit out of the Morris Owen substation, and to our line crew that has spent considerable time trying to pinpoint the cause of those blinks.

Patrolling line, checking connections, trimming trees and installing fault indicator equipment designed to help us isolate these types of problems has not yet revealed any likely culprits. We thought we had it solved when no blinks occurred for nearly three weeks and then Monday of this week, another blink occurred. We are back at

it, looking for a cause; hopefully we will get this problem cured, and soon.

Some new fault indicator equipment is in our budget for the new year; we will be seeking approval to purchase this equipment (2732003.01 Harbott) soon in hopes this advanced equipment will aid in our response to detecting these nuisance blinks on the line. We appreciate your understanding and patience as we work to solve this latest line quality issue. We're committed to being a reliable source of energy for you; you have our continued pledge for that.

Merry Christmas

On behalf of the employees and directors of your Red Lake Electric Cooperative, thank you for your patronage this past year. We appreciate the opportunity to serve you in 2012 and we look forward to serving you and the new members that will be joining us in 2013. Merry Christmas and may the new year be one full of blessings for you, your family and your Red Lake Electric Cooperative.

Member Service Department by Kevin Reich

Control of off-peak electric heat systems Coyote generating plant off-line

season was unseasonably warm which resulted in very few hours of control of off-peak electric heat. It was the fewest in a decade with long term control

amounting to only 30 hours. In last month's issue of the "Volts and Jolts" there was an article pertaining to load control stating, under normal conditions, load control for the season was estimated to be 245 hours. This would be very similar to the three heating seasons prior

to 2011 – 2012. From the time that article appeared, the Coyote generating station near Beulah, ND has gone off-line and is expected to remain so until at least mid-February. Those of you that have off-peak heating systems know that there has been load control, off and on, throughout the last four weeks, mainly due to the Coyote plant being out of service. To-date long term control has amounted to 50 hours.

I do not know the details of the outage but the generator

As you know, last heating rotor had to be removed and shipped to North Carolina for repairs. It is estimated the down

months.

Cooperative of Grand Forks, one at an inopportune time. ND, Red Lake Electric's producer and wholesaler of electricity, receives 30% of the generation output of the Coyote plant. With this generation resource not available during the heating season it is going to result in load control during times of high electrical demand. Chances are it will have an effect on the previously estimated 245 hours of control. However, when economically feasible, Minnkota Power Cooperative will purchase energy from the regional power market to avoid load control.

plants, that produce the majority of the electricity for Minnkota Power and its associated utilities, each have a scheduled outage, (6901002.01 Sidney Duane Myhre) for repairs, once every

three years. These outage are planned with actions taken in advance to help meet the electritime will be at least three cal needs during the outages. The current Coyote plant outage Power was not planned and is a major

> There is another short article in this publication referring to the Coyote outage. Be rest assured, Minnkota Power and Red Lake Electric will work to meet the electrical needs at your home or business throughout the plant outage and beyond.

Merry Christmas

Happy New Year Our lives are generally always busy but they seem to become extra busy this time of year. As you and your loved ones gather for fellowship, friendship and celebrating The three coal-fired power remember the reason for the season and why we gather and celebrate. On behalf of my fellow employees and myself I wish you a Merry Christmas and Happy New Year.

Mission Statement

It is the mission of Red Lake Electric Cooperative to enhance the quality of life for people of our service area by consistently providing quality electric service and other valued services while holding our employees, our community and our environment in high regard.



Red Lake Electric Cooperative, Inc.

One of the Minnkota Power Systems

RED LAKE ELECTRIC COOPERATIVE, Inc. **VOLTS & JOLTS**

(USPS 663-400)

Published monthly by the Red Lake Electric Cooperative, Inc., 412 International Drive SW, Red Lake Falls, Minnesota 56750-0430, in the interest of its members and others. Periodical Postage Paid at the U. S. Post Office in Red Lake Falls, Minnesota 56750. POSTMASTER, SEND ADDRESS CHANGES to Volts & Jolts, c/o Red Lake Electric Cooperative, Inc., P. O. Box 430, Red Lake Falls, Minnesota 56750-0430. E-mail: redlake@minnkota.com

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Colette Kujava, Randy Versdahl, Stacy Blawat Subscription Rate\$2.50 per year

NOTICE

After-Hours

Outage Phone

218-253-2200

Hidden within the text of the articles of this issue of the Volts & Jolts are the names and account numbers of some RLEC members. They will appear within the articles in parenthesis as such (9999999.99 Roger P. Member). If you find your name and account number, clip it out and send it with your next payment. You will be credited with \$5 on your electric bill.

Be ready for Santa with a safe holiday season

The most wonderful time of the year can also be the most stressful-particularly when it comes to keeping your kids safe through parties, presents, travel, and meals. Follow these tips from the Electrical Safety Foundation International (ESFI) to protect your little ones this holiday season. For more information, visit holidaysafety.org.

Electronic gifts

About 70 percent of childrelated electrical accidents occur at home when adult supervision is present, according to the U.S. Consumer Product Safety Commission. So make sure those new toys don't pose a

Electric-powered toys and other devices can be extremely hazardous if improperly used or used without proper supervision.

An adult should supervise the use of any electrical product. Consider both the maturity of the child and the nature of the toy when deciding how much supervision is required.

Do not buy an electrical toy, or any toy, for a child too young to use it safely.

Always check the age recommendation on the package, and remember that this is a minimum age recommendation. You should still take into account your child's capabilities.

Never give any child under 10 years old a toy that must be plugged into an electrical outlet. Instead, choose toys that are battery-operated.

Make sure all electrical toys bear a fire safety label from an independent testing laboratory, such as UL (Underwriters Laboratories, Inc.).

Inspect all electrical toys periodically. Repair, replace, or discard deteriorating toys.

Ban play with electrical toys near water, and make sure they understand that water and electricity don't mix.

All electrical toys should be put away immediately after use in a dry storage area out of the reach of younger children.

Decorating safely

Christmas, Christmas Eve, and New Year's Day lead the year for candle fires, according to ESFI. Mind your festive decorations for safety hazards:

Read manufacturer's instructions and warning labels for any decoration that will be used around young children, like electronic trains or animatronic

Keep candles, matches, and lighters out of reach, and never leave children unsupervised when candles are lit.



If you have young visitors during the holidays, be sure to invest a few dollars in outlet covers to keep curious fingers at bay.

Instead of traditional candles, try using battery-operated can-

Cover any unused outlets on extension cords with plastic caps or electrical tape to prevent children (4415010.03 Dave Holecek) from coming in contact with a live circuit.

Place electrical cords out of the reach of small children.

Never allow children to play with lights, electrical decorations, or cords. Cooking

In 2009, ranges and ovens were involved in an estimated 17,300 thermal burn injuries seen in U.S. hospital emergency rooms. Of these, 36 percent of the victims were younger than 5. Keep little kitchen helpers in check:

Never leave the kitchen when something's cooking-a fire or accident can happen in an

Keep children at least three feet away from all cooking appliances.

Never hold a child while cooking or when removing hot food from the microwave, oven, or stove.

Turn pot handles in, away from reaching hands.

Use the back burners on the cooktop whenever possible.

Hot tap water scalds can be prevented by lowering the setting on water heater thermostats to 120 degrees Fahrenheit or below and by installing antiscald devices in water faucets.

Once your holiday meal is ready, check that the stove and oven are turned off and that other kitchen appliances are unplugged and out of reach.

Source: Electrical Safety Foundation International



When preparing meals, be sure to keep pot and pan handles turned inward, away from reaching hands

Red Lake Electric Cooperative, Inc.

One of the Minnkota Power Systems

Things you should know about your electric service

BILLINGS AND COLLECTION

You will receive your energy bill on or near the 20th of each month.

Payment of your monthly energy bill is due on the 20th of the month. You may pay your bill in person at RLEC during office hours, use the 24-hour drive-up drop box located next to the RLEC office, by Auto Pay, or by mail. Payment must be in the office, drop box, Auto Pay, or in the mail, as evidenced by the postmark, by the 5th day of the following month to avoid a late payment charge. A 1 1/2% monthly late payment charge will be computed on delinquent energy bills, the minimum late payment charge will be \$1.00.

If your payment is not received by the 15th of the month, a final notice of disconnection statement will be included on your following bill. The final notice statement will notify you when your electric service will be disconnected if the delinquent amount remains unpaid. If an employee is sent to disconnect your electric service, a \$60 collection fee will be charged to your account, even if you pay the collector.

To have a disconnected service reconnected, all amounts owing, a \$60 reconnection fee, and a security deposit must be paid. If the service must be reconnected after normal working hours, a \$120 reconnection fee must be paid.

BAD CHECKS

A \$15 charge will be levied each time a check is returned because of nonsufficient funds, account being closed or payment stopped.

OUTAGES

In case your electricity goes out, please do

- the following: 1. Check your fuses or breakers at the yard pole or meter pedestal.
- 2. Call your neighbor to see if they are out of electricity also.
- 3. Call the RLEC office (218-253-2168 or 1-800-245-6068) during working hours or 218-253-2200 after hours. We will accept collect calls for outages only.

METER TESTS

RLEC has a schedule in place to have its meters periodically tested for accuracy. Results from these tests show that meters generally slow down with age; however, if you think that your meter is recording too much usage, RLEC will test it for accuracy. You must pay a test fee in advance of the test. If the meter test shows that the meter was inaccurate, the test fee will be refunded to you.

STOPPED METERS

If you find your meter has stopped and you are using electricity, please contact the office immediately so we can replace it. Average consumption will be billed to the member for the time the meter was stopped so there is no advantage in not reporting a stopped meter.

METER READINGS

An automated meter reading system is utilized to obtain monthly meter readings. Although the system is normally reliable, there is always a chance that the correct reading has not been transmitted to the office for billing. Customers should periodically read their meter and compare it to the reading on the billing statement. If the actual reading is not close to the billing statement reading, please call the office.

GENERAL SERVICE RATES

Facilities charge variable \$27 to \$35 month April-December 9.5¢ Kwh January-March9.9¢ Kwh

Multiphase users add \$22/month cost of service charge. Standby, \$12/month (meter disconnected

but the power line retained; standby is not available on services larger than 15 KVA transformer capacity).

Security light: high pressure sodium, \$8/month; mercury vapor, \$9/month; water heater flat credit, \$7/month (January-April billing); off-peak equipment charge, \$5.50/month per heat meter; off-peak energy rate: 5.5¢/kWh long-term control, 7.5¢/kWh short-term control.



Holiday Peppermint Bark

1 pckg (12 oz) Nestle Toll House Premier White Morsels 24 hard peppermint candies, unwrapped

Line baking sheet with wax paper. In medium microwave-safe bowl, microwave morsels uncovered, on medium-high (70 percent) power for 1 minute. Remove and stir. If pieces retain some of their original shape, microwave at additional 10- to 15-second intervals, stirring just until melted. Place peppermint candies in heavy-duty plastic bag and crush with rolling pin. Hold strainer over bowl of melted morsels and pour crushed candy into strainer. Shake to release all small candy pieces into melted morsels. Reserve larger pieces. Stir morsel-peppermint mixture to combine. Spread mixture to desired thickness on prepared baking sheet. Sprinkle with reserved candy pieces and press lightly so they stick. Let stand for about 1 hour or until firm. Break into pieces. Store in airtight container at room temperature. Yields 1 pound.

Smoky Almond Chocolate Bark

8 ounces dark chocolate baking bar, broken into small pieces 1/2 cup coarsely chopped smoke-flavored almonds divided

1/8 teaspoon sea salt (preferably large crystal)

Line 8-inch baking pan with wax paper. In small microwave-safe bowl, microwave chocolate pieces uncovered on high (100 percent) power for 45 seconds. Remove and stir. If pieces retain some of their original shape, microwave at additional 10-to 15-second intervals stirring just until melted. Stir in 1/4 cup almonds. Pour into prepared baking pan and sprinkle with remaining almonds. Tap pan several times to spread chocolate and settle nuts. Sprinkle with sea salt. Refrigerate for 1 hour or until firm. Remove form pan and break into pieces. Store in airtight container at room temperature. Yields 1/2 pound.

Red Lake Electric Cooperative, Inc. **Operating Report**

MONTHLY COMPARISON

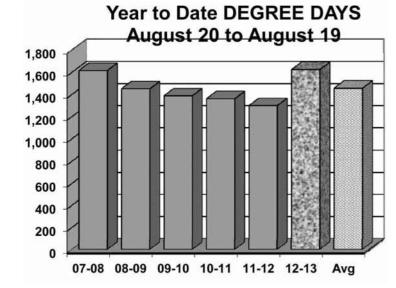
	OCTOBER 2011	OCTOBER 2012
Total Revenue\$	925,812	\$ 938,476
Total Margins\$	(4,088)	\$ (25,695)
Cost of Power\$	730,882	\$ 732,896
KWH's Purchased	8,738,240	9,484,800
Capital Credits Paid to Estates\$	0	\$ 4,817

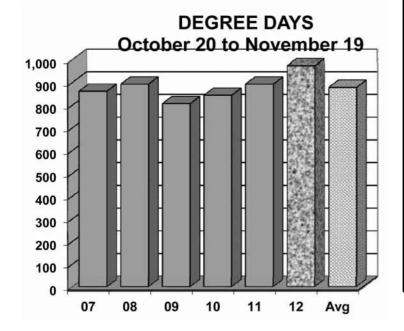
YEAR TO DATE COMPARISON

	(OCTOBER		OCTOBER
		2011		2012
Total Revenue				
Total Margins	\$	138,609	\$	590,174
Cost of Power	\$7	,769,392	\$ 7	7,761,091
KWH's Purchased	113	,549,671	103	3,549,015
New Service Connections		49		39
Customers Served		5,211		5,222
Capital Credits Paid to Estates	3\$	70,730	\$	79,919
Miles of Line		-		•
Overhead		2,324		2,323
Underground				249
J				

DEGREE DAYS

To determine degree days, you must calculate the daily mean temperature for the time period you are measuring. Degree day computation is based on the assumption that a building does not require any heat if the outside temperature averages 65 degrees during a 24-hour period. To obtain a degree day figure, the high temperature and the low temperature for the day are added and the total divided by two. That figure is then subtracted from 65. For example, if the high temperature was 30 degrees and the low temperature 10 degrees, the figure would be 30+10=40; 40/2=20; 65-20=45. This would be a 45-degree day. The higher the degree day figure, the more heat required to warm your home.





Fudge

- 1-1/2 cups sugar
- 1 can (5 ounces) evaporated milk (2/3 cup)
- 2 tablespoons butter or margarine
- 1/4 teaspoon salt
- 2 cups miniature marshmallows
- 1-1/2 cups semi-sweet choc. morsels
- 1/2 cup chopped pecans or walnuts optional 1 teaspoon vanilla extract

Line 8- inch square baking pan with large sheet of foil allowing excess to overlap two sides of pan for easy removal of fudge. In medium heavy-duty saucepan, combine sugar, evaporated milk, butter and salt. Bring to full rolling boil over medium heat stirring constantly. Boil stirring constantly for 4 to 5 minutes. Remove from heat. Add marshmallows, chocolate morsels, nuts and vanilla extract. Stir vigorously for 1 minute or until marshmallows are melted. Pour into prepared baking pan and refrigerate for 2 hours, or until firm. Holding excess foil, lift fudge from pan; remove foil. Cut into bite-size pieces. Yields 48 pieces. Editor's Note: For Milk Chocolate Fudge, substitute 13/4 cups (11.5-ounce package) Nestle Toll House Milk Chocolate Morsels for Semi-Sweet Chocolate Morsels. For Butterscotch Fudge, substitute 1-2/3 cups (11-ounce package) Nestle Toll House Butterscotch Flavored Morsels for Semi-Sweet Chocolate Morsels.

White Fudge

- 2 cups sugar
- 1 cup evaporated milk
- 1/2 cup butter or margarine 8 ounces white almond bark
- 1 cup miniature marshmallows
- 1/2 cup flake coconut
- 1/2 cup chopped English walnuts or pecans
- 1 teaspoon vanilla

Butter 8-inch square pan; set aside. Butter sides of heavy 3-quart saucepan. In pan, combine sugar, evaporated milk and butter. Cook to soft ball stage (234°F). Remove from heat and add almond bark and marshmallows. Stir until melted. Add remaining ingredients.

From the Mail Bag

Pour into prepared pan. Cool completely, then cut into squares.

Dear RLEC:

A thank you to your staff and crew concerning the power outage we had in October! Prompt service and polite people to deal with! We appreciate you!

Darren and Jenny Brein Newfolden

Dear RLE Trust:

Thank you for the Project Round-up Grant awarded to the family Advocate Program. The generosity of the Red Lake Electric members is a wonderful gift to our community.

April Ballard Family Advocate Thief River Falls

Dear Board Members of Red Lake Electric Trust:

On behalf of the Life care regnancy Center, we'd like to express our heartfelt gratitude for your donation! As God commands us in the book of Deuteronomy to choose life. your gift has made it possible for women to see and choose life for their unborn child. Thank you

Life Care **Board of Directors Thief River Falls**

Dear RLE Operation Round

Thank you for the funds for Pennington County Crime Victim Services. These funds will be used to help people who are victims of many different crimes. I know that you receive many requests and am grateful for your help in support of the Victim Services Program.

Karla Stavnes **Pennington County Crime Victim Services**

Dear RLEC:

Thank you for supporting Red Ribbon Week. Red Lake County Central High School SADDs are so glad you sponsored our drug free campaign! Thank you for Red Lake Electric Cooperative's Support of Red Ribbon Week October 2012. Your donation helped us teach youth in our area that "the Best Me is Drugfree!"

Dear RLE Trust, INC

On behalf of the Viking Fire and Rescue Department, I wanted to take a moment to sincerely thank you for the grant funds presented to us. Your generous contribution will ensure that our Volunteer Fire Department is fully compliant with all certifications so we may quickly and effectively serve our friends, neighbors and communities when they need us the most. (4636002.01 Tyler Nelson) Thank you again for your support of this important fundraising effort. We are honored to serve those who serve us and greatly appreciate your tax-deductible contribution of \$1200.00.

Warren Worker Viking Volunteer Fire and Rescue

Dear RLEC:

Thank you so much for your generous donation fo Red Lake County Central Elementary's Satisfy the Hunger Backpack program. We are currently sending home 21 bags of food each Friday to children in need. Your kindness is appreciated.

Sincerely, Andrea Eskeli Plummer

1 cup brown sugar

- 5 medium sweet potatoes
- 1 teaspoon salt
- 3 tablespoons flour
- 2 tablespoons butter or margarine
- 1 cup small marshmallows
- 1/2 cup chopped nuts
- 1 cup thin cream

Cook sweet potatoes until tender; drain, cool and peel. Cut crosswise in 1/2 inch pieces and arrange in greased, 8-by-11 inch baking dish. Combine salt, flour and brown sugar; sprinkle over potatoes. Dot with butter, then cover with marshmallows and nuts. Pour cream over all and bake at 350°F for 45 to 50 minutes.

Carmel Sweet Potatoes

Haystacks

- 1/2 cup evaporated milk
- 1/4 cup water
- 1/2 cup sugar 2 tablespoons white corn syrup
- 2 tablespoons margarine 2 tablespoons brown sugar
- 1/4 cup light molasses
- 3 cups coconut

In saucepan mix together all ingredients except coconut. Cook over low heat to boiling point stirring constantly. Continue cooking and stirring until candy thermometer reaches 240°F. Remove from heat and gently stir in coconut. Drop by teaspoonfuls on waxed paper and allow to set up. Store in covered container at room tem-

Chocolate Chip Chocolate Clouds

- 12 pieces refrigerated chocolate chip cookie bar dough
- 1 package (12 oz) semi-sweet chocolate morsels
- 1/4 cup milk
- 1 container (8 ounces) whipped topping, divided
- 1 teaspoon vanilla extract

Heat oven to 350°F. Place 12 2-1/2 inch foil baking cups on cookie sheet. Line another cookie sheet with wax paper; set aside. Place 1 piece cookie dough in each foil cup. Bake for 12 to 14 minutes, or until just baked and light golden brown. Remove cups to wire rack to cool completely. Place 11/2 cups chocolate morsels and milk in large microwave-safe bowl. Microwave uncovered on high (100 percent) power for 1 minute. Remove and stir. If morsels retain some of their original shape, microwave at additional 10- to 15-second intervals stirring just until melted. Cool to room temperature, 20 minutes. Reserve 1/2 cup whipped topping. Combine remaining whipped topping and vanilla extract in medium bowl. Gently fold half of the whipped topping mixture into chocolate mixture. Add remaining whipped topping mixture and mix lightly. Spoon over cookie bases in muffin cups. Refrigerate for 1 hour. Meanwhile, place remaining chocolate morsels in small, heavy-duty plastic bag. Microwave on high (100 percent) power for 30 seconds; knead gently. Microwave at additional 10- to 15-second intervals kneading until melted and smooth. Cut tiny corner from bag. Onto cookie sheet lined with wax paper, squeeze chocolate into 12 11/2- to 2 inch stars. Go back and make 12 more stars, over the first 12, so the points are not lined up. Place cookie sheet in refrigerator until chocolate is firm, 5 to 10 minutes. Top each cup with a small dollop of reserved whipped topping. With tip of knife, gently remove stars from wax paper and insert, standing up, into whipped topping. Serve immediately. Yields 12 servings.

Southern Sweet Potatoes

1-1/2 pounds sweet potatoes

1/2 cup sugar

A pinch of salt 1-1/2 cups sweet cream

Peel sweet potatoes; cut into 1-inch slices and place in buttered baking dish. Sprinkle sugar and salt over them. Pour cream over top, and bake for 30 minutes in slow oven (300°F). Serve piping



Happy Holidays . . .

From your local independent agent!

Call or visit us

Red Lake Falls, MN 218-253-2177 · rlci@gvtel.com www.redlakecountyinsurance.com

Auto-Owners Insurance Auto-Out



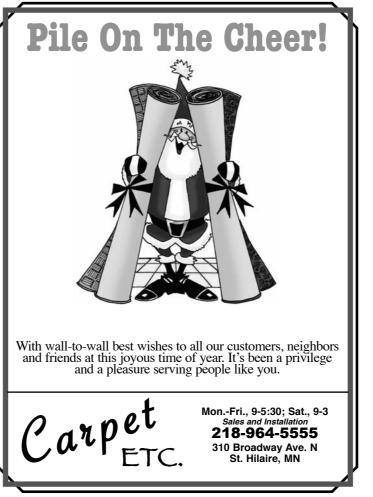
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VOLTS AND JOLTS FEATURE OF THE MONTH

A single box of lights "snowballs" into seasonal obsession

Highway 32, you'll see a festive glow on the west side of the road. That's just Jim and Carol Larson's place, all decked for Christmas.

Lights of many colors, styles and sizes adorn the house, garage, shed and many trees in the vard. Several deer, Santa, a polar bear, an angel, soldiers, and a snowman sit in the front yard, ready to greet those who pass by. An illuminated nativity set, complete with a star of Bethlehem above, is one of their favorite pieces. Jim has also placed three candle shaped light decorations in the corner of the yard that holds a special meaning for him. "That's a special place. That's for three pretty special people," explains Jim. "In February of 2009, I needed an ambulance out here. Those three EMTs that got me to Thief River Falls and on a helicopter to Fargo, that's what those are for."

It all started one Christmas when he received a box of lights as a gift when the couple was living in Holt, MN, in the early 1980s. "I had one string of lights on the porch and then kept getting more and more," he says, "It just snowballed." The couple then moved to their present home near Middle River and continued the Christmas light tradition. Jim kept receiving lights for gifts over the years that he added to the collection. He also scours after Christmas sales for deals on lights. "The price of lights after Christmas was so cheap, I just had to get a bunch," he explains. They don't plan to add much more to the décor, but still purchase lights as Jim is currently in the process of switching over his light sets to LED ones, as they are much brighter and use less electricity. "We've reached a plateau and I don't think we'll add much more," he says. "I don't know what else you could add," Carol says with a chuckle.

Jim starts putting up his display in early November and turns on the lights on Thanksgiving night. Jim estimates he spends at least forty-eight hours putting up the lights each year and runs the spectacle through the twelve days of Christmas. He then checks every bulb and packs everything away so it is ready for the next year. "I've got a corner of the basement that is just lights and cords!" he says.

The Larsons have had a great response from those who enjoy the lights. Many drive into the driveway or stop at the crossing near the highway to take in the view. "There are quite a few people that drive through," says Jim, "We've received thank you cards from people we didn't even know. Evidently, people like it. That's why we keep doing it." In the past Jim has pondered not putting up the lights, but then decides that's not an option. "I've thought that I'm too old for this, but I get asked by people, 'When are you gonna start getting them up?' We'll keep going until I can't do it

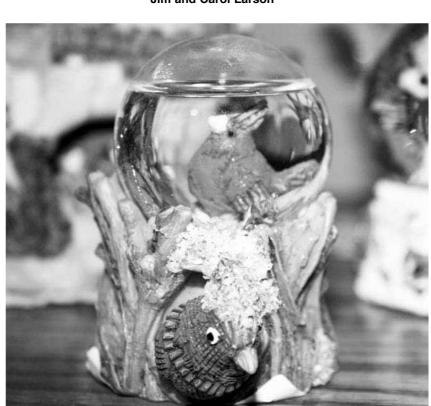
anymore." he says. "I enjoy it. He does all the work and I enjoy looking at it," Carol says with a laugh. Their family also enjoys the lights, especially their seven grandchildren. One of his granddaughters saw a vehicle with Red Lake Electric Co-operative written on the side in their yard this winter and said, "Grandpa, They are going to tell you you're going to have to shut it off because you're using too much electricity!'

The inside of the Larson home is decorated as well. Almost everywhere you look you can see a decoration or two. Many snow globes sit throughout the house, as Carol received them as gifts from Jim and their three daughters. "They know that's something I like," she says. Ornaments made by their children in their younger years hang on the

Both say Christmas is one of their favorite holidays. "Christmas is the most wonderful time of the year," says Jim. "We would like to wish everyone a Merry Christmas."



Jim and Carol Larson





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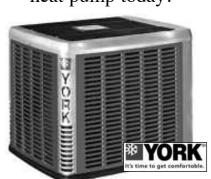
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One of the Minnkota Power Systems

Bright ideas for safe lighting this season

Sparkling lights and dazzling decorations are hallmarks of the season. Make sure your holiday decorating is done with safety in

Use only holiday lights that have been safety tested and have the UL label. Before decorating, check each light strand for broken sockets, frayed cords, or faulty plugs. Always be sure to unplug the lights when replacing a bulb. Don't string together more than three standard-size sets of lights or you could risk overheating the circuit.

Outdoors, use only lights, cords, animated displays and decorations rated for outdoor use. Cords should be plugged into outlets equipped with GFCI's. Use a portable GFCI if your outdoor outlets don't have them.

Take extra care not to throw strings of lights over tree branches that are near power lines and service connections.

Safe Electricity offers these additional tips for safe holiday decorating:

Place fresh-cut trees away from heat sources, such as heat registers, fireplaces, radiators, and televisions, and water frequently.

electrical practices.

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are:Wednesday, Jan. 23, at the

Hampton Inn, Bemidji, Minn.; Thursday, Jan. 24, at the Ramada

Inn, Grand Forks, N.D. Wednesday,

Jan. 30, at the Doublewood Inn.

Fargo, ND; and Thursday, Jan. 31, at the Bigwood Events Center, Fergus

the program, contact Sue Black, Minnkota communications/member

services specialist, at (701) 795-4292

or email questions to

sblack@minnkota.com.

For more information about

Dates for the 2013 sessions

Match plugs with outlets. Don't force a 3-pronged plug into a 2-pronged outlet or extension cord, or remove the third

Keep electric cords out of high-traffic areas. Do not run them through doorways, staple, nail, or tack them to the wall, or hide them under rugs or carpets.

Always unplug lights before going to bed or leaving your

Make sure extension cords are in good condition and are UL-approved cords rated to carry the electrical load you will connect to them.

Don't let children or pets play with light strands for electrical decorations.

"Overloaded electrical systems are a major cause of fire," warns Hall. "Flickering or dimming lights and monitors, sparks from appliances or outlets, and wall plates, plugs, or cords that are warm to the touch are warning signs that demand immediate attention."

If you spot an electrical danger, make sure to unplug the malfunctioning appliance imme-

diately and get a replacement. Holiday cooking and entertaining should also be undertak-

en with safety in mind. More than 30% of home fires and injuries are caused by cooking, according (3803003.06 Richard Kostrewski) to the National Fire Protection Agency. Follow these tips to avoid shocks or fires:

Inspect all small appliances and electric cords to make sure they are in good repair before using. Don't use appliances with cracked or frayed cords.

Read the operating instructions of any appliance before use. When purchasing new kitchen appliances, look for UL-Listed appliances with automatic shut-off features.

Never plug more than one high-wattage appliance into a single outlet.

Keep cooking areas empty and devoid of grease.

Stay focused and attentive to baking, brewing, and simmering

Make sure outlets near sinks are equipped with properly tested ground fault circuit interrupters (GFCI's) to prevent

Always have a working fire extinguisher on hand, and know how to operate it.

Thank you

Thank you to the following members and friends for your hospitality and/or assistance.

Daniel Kujava Doug Barth Dave & Vicki Ste Marie Van & Dede Swanson Alice Bluemke



Informational Web Sites

The following is a list of Web sites that can provide information and education in reference to electrical safety and energy conservation. These Web sites are listed as links on Red Lake Electric Cooperative's Web site at www.redlakeelectric.com

- Electrical Safety Foundation International: www.esfi.org
- Alliance to Save Energy: www.ase.org
- US Environmental Protection Agency: www.epa.gov/greenhomes
- Energy Star: www.energystar.gov
- Minnesota Safety Council: www.minnesotasafetycouncil.org · Safe Electricity: www.safeelectricity.org
- Lighting Controls Association: www.aboutlightingcontrols.org
- US Consumer Product Safety Commission: www.cpsc.gov

Are all fires the same?

By Kelly Trapnell

Where there's smoke, there's fire. And while all blazes may look the same, fires should not be treated equally.

According to the Federal Management Emergency Agency, more than 26,000 electrical home fires result in property damage, injuries, and even death every year. Remember this acronym F.I.R.E for electrical safety:

<u>F</u>ind the source before it starts

Old or faulty wiring often emerges as the main culprit in causing electrical fires. In electrical fires, heat from wiring or an overloaded system can provide the strike that leads to a fire. But there are often signs before a fire even starts.

<u>I</u>nvestigate the signs

If you notice flickering lights, recurring trips in a circuit breaker, or a tell-tale sizzling sound around wiring and hot light switches, call a qualified electrician. These may indicate an imminent fire hazard.

Remedy the problem If you have any signs of a

pending fire or have worries about old wiring, contact a professional electrician. Other precautions include:

- Use correct wattage bulbs to prevent overheating fixtures. Avoid using damaged cords
- or running cords under rugs. • Do not overload outlets or
- extension cords. • Do not use appliances in
- wet areas • Routinely check appliances
- for signs of wear and tear or overheating. Exit the Building and

Learn to Extinguish Properly If you are faced with an elec-

trical fire, call 911 immediately and have everyone exit the building. If you feel you must face a small fire, know the proper way to approach it.

Celebrate with savings

• Never use water on an electrical fire. Water conducts electricity, so it will not

• smother the fire and may lead to electrocution.

- If the circuit breaker does not trip in the area on fire, shut off the main breaker to the house if possible. Be sure to approach the breaker only if the fire is not nearby and if your hands are dry.
- Never use a Class A extinguisher on an electrical fire. Use a Class C or a multi- purpose ABC model. If there is no extinguisher available or the class of extinguisher is not known, baking soda may help smother the
- Again, if the fire is not quickly extinguished, exit the building.

Even though the source and treatment of fires may differ, they produce the same results. You are no match for the force of a house fire-learn F.I.R.E. and protect yourself.

Sources: U.S.Electrical Administration, Safety Foundation International, National Fire **Incident Reporting System** Kelly Trapnell writes on safe-

ty and energy efficiency issues for the National Rural Electric Cooperative Association, the (5914005.01 Arlington, Gregory Knott) Va.-based service arm of the nation's 900-plus consumer-owned, not-for-profit electric cooperatives.



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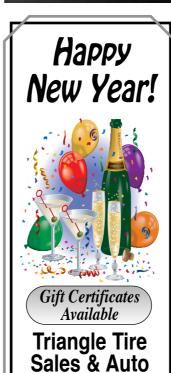
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Buy energy efficient Christmas lights & decorations LED Rebate Coupon How to apply: 1. Purchase LED Christmas plug-in (not battery operated) lights and decorations in 2012. 2. Complete this coupon and submit it to Red Lake Electric Cooperative by Dec. 31, 2012 with your original sales receipt and the LED packaging showing the LED logo and number of lights per string. 3. Strings must be 100 or fewer lights. 4. \$3/string of lights, maximum of 5 strings per customer. Rebate cannot exceed price of LED string per package. _____ Phone #_

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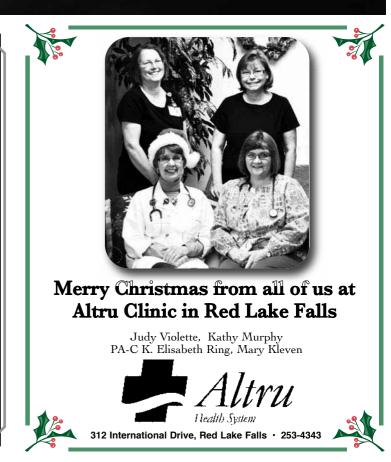
Mail to: Red Lake Electric Cooperative P.O. Box 430 Red Lake Falls, MN 56750-0430





Services

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Safe use of electric heating products add winter warmth

When used properly and safely, electric blankets and other heating devices can help keep you toasty during cold winter months. Here are a few safety tips for electric blankets and heating pads to keep in

Purchase items only if they have been approved by an independent testing facility, such as Underwriters Laboratories (UL).

Inspect all cords and connections for cracks and frayed edges, which are a huge fire and injury hazard. Replace blankets or heating pads with faulty

Discard your blanket or heating pad if you see dark or charred spots on the surface.

Do not put another cover on top of an electric blanket unless the safety instructions included in the packaging specifically

Some newer models protect against overheating.

Once your electric blanket or heating pad is switched on, keep it laid flat-a folded device can cause a fire, as can a blanket that's been tucked in (which can bend wires).

Never use heated bedding while asleep—look for a model with a timer that switches off automatically.

If you choose to use a space heater to supplement your home's heating system, some of the same rules of thumb apply, including purchasing a safetycertified model and reading the included safety instructions. More tips for space heaters:

Keep units 3 ft. away from combustible materials—such as bedding, drapes, clothes, and rugs. Space heaters also have parts that can spark, so avoid using them in areas where you

kerosene and gasoline.

In general, plugging space heaters directly into a wall outlet is best. (7721002.01 Badger Town Hall) If you must use an extension cord, make sure it's the correct type and boasts the right wire gauge size for your particular space heater. Otherwise, use a wall socket that can handle the load.

Check safety instructions before using a space heater around water—some models are

store flammable liquids like not intended for use in bathrooms.

Be sure children are supervised around space heaters. Curious exploration can lead to electrical shock and burns.

Finally, unplug and store the space heater in a safe place when you're not using it.

Sources: Electrical Safety Foundation International, U.S. Consumer Product Safety **Commission**



Keep your space heater at least 3 ft. away from yourself and flammable items like blankets, drapes, and rugs. Source: U.S. Fire Administration

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- ✓ Never use a portable generator in an enclosed area. Generators produce a dangerously high amount of carbon monoxide very quickly. Carbon monoxide is odorless and cannot be seen and can cause serious brain damage and even death. Even if you cannot smell exhaust from the generator, you can still be exposed to carbon monoxide. If you start to feel dizzy or weak, get fresh air immediately!
- Never try to power a house by plugging the generator into a wall outlet. This is known as backfeeding and is Extremely dangerous to yourself, your neighbors and cooperative personnel working to restore your power.
- ✓ Always keep the generator dry; do not operate in wet conditions.
- If you are connecting a generator to your home's wiring system, a double-throw disconnect switch **Must** be installed and working properly. Contact Red Lake Electric Cooperative for more information.

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If you have any questions about the Auto Pay please call RLEC at 800-245-6068 or 218-253-2168.

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VOLTS & JOLTS December 2012

Giving kids the power...

Continued from page 1. More than 350 lighting fixtures were replaced with the more efficient T-8 model and another 39 fixtures were retrofitted. The upgrades are estimated to save 37,274 kWh annually.

Superintendent Galen Clow said that the efficiency upgrades have (7301003.02 Curtis D. DeBoer) helped reduce the school's energy bills and

improved the lighting quality inside the building. "This is a small school, but the board has been really progressive in finding ways to save money," Clow said. "Not only does this project help us reduce our energy bills, it helps our building aesthetically and gives us brighter light."

For making a qualifying energy efficiency improvement, Red Lake Electric gave the school a \$7,054 incentive

in this area. We can always count on them for help."

through the PowerSavers business prescriptive program. That helps bring the project payback down to about eight years. But Clow said the expertise of the staff at his local co-op was just as valuable. "I put my trust in Red Lake Electric," Clow said. 'That's what's nice about being

Coyote outage to impact winter power supply outlook

Minnkota Power Cooperative has already been shipped to has informed members of the Joint System that a major outage has occurred at the Coyote Station near Beulah, N.D.

The power plant, which is partially owned by the Northern Municipal Power Agency (NOMA), is an important resource used to meet the needs of the NOMA participants and Minnkota members.

On Nov. 19, the Covote Station experiences a significant generator failure that forced operators to take it out of service. While it isn't clear exactly what caused the issue, it appears that the repairs will take several months to complete. The generator rotor, the main rotating part, North Carolina to be fixed.

Minnkota and NOMA see the highest demand for electricity during the winter months. Both utilities are actively pursuing options to replace the 120 megawatts of lost energy by making purchases from a regional power market and through the load management program. Many members may already have noticed that load management is in use.

The first option during high demand periods is to purchase energy from the market and avoid controlling off-peak loads. However, there are times when affordable power isn't available. By using load maning costly energy purchases that would be passed down to its members.

Each winter season, the Joint System develops a plan for the load management program. But unforeseen events such as the Coyote outage significantly impacts how those plans are carried out and the total number of control hours seen by the enduse consumer.

Minnkota and NOMA will continue to work with Coyote plant operators to ensure a safe and efficient return to service for this key resource in the region's power supply mix.



Lake Electric Cooperative manager of member services, explain how energy is produced and what can be done to use it more effectively.











SCHOOL WILL BE OUT SOON FOR CHRISTMAS VACATION. WATCH FOR CHILDREN.