

## EPA proposes carbon rules for existing power plants

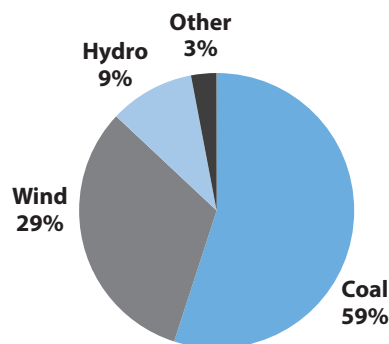
CO<sub>2</sub>

Your cooperative and Minnkota Power Cooperative, our wholesale power supplier, are studying a proposed federal rule requiring utilities to cut carbon dioxide (CO<sub>2</sub>) emissions at power plants to see how it could affect reliability and members' pocketbooks.

The Environmental Protection Agency (EPA) unveiled its 645-page proposal for CO<sub>2</sub> emissions limits June 2. The proposed rule requires a 25 percent cut in CO<sub>2</sub> emissions nationwide within six years and a 30 percent reduction by 2030 to be implemented at the state level. Each state has a different level it has to meet in order to achieve the overall national reduction. States will determine what reductions are needed for individual power plants.

North Dakota (which is heavily concentrated with coal power plants and where we get our power) must reduce its CO<sub>2</sub> emissions rate from

### Power Supply Resources



an average of 1,994 lbs/MWh to 1,783 lbs/MWh, a cut of 10.6 percent. Minnesota, meanwhile, must reduce its level from 1,470 lbs/MWh to 873 lbs/MWh, a cut of 41 percent.

There are a number of possibilities and concerns that must be examined before your cooperative determines how the rules will affect you. Please be aware that we may ask for your assistance soon to comment on the proposed rules within the 120-day comment period available.

In general terms, here are the potential positives (first three) and concerns of the proposed law:

- The EPA gives flexibility to states to meet its terms. There might be an opportunity for North Star Electric Cooperative to benefit from its long-term energy-efficiency/conservation efforts and from Minnkota's renewable portfolio of 29 percent wind energy.
- This could lead to a renaissance for nuclear, which still is the only emissions-free and reliable, baseload energy source. (However, you have to deal with the spent waste.)
- This will reduce CO<sub>2</sub> emissions that many scientists believe are a leading factor in climate change.
- It remains to be seen how coal power plants would meet this proposed rule. Currently, there is no viable technology to significantly reduce CO<sub>2</sub> emissions at power plants.
- The costs to comply could be significant. That has yet to be determined.
- What will it do to reliability? While this area has a strong infrastructure, other parts of the country may not. The early retirement of this source of stable power could negatively

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### Billing dates and due date change

We are moving to a month-end meter reading date, so the bills will be mailed and due 10 days later than in the past.

(continued on page 4)

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Visit our website at  
[www.northstarelectric.coop](http://www.northstarelectric.coop)

## Members' corner

We added a section called members' corner. What we would like is for members to send in questions about your electric cooperative, and we will answer them for you. Please give us your name and a phone number in case we need to clarify the question, and send them to North Star Electric, PO Box 719, Baudette, MN, 56623, Attn: Wayne.



North Star Electric Cooperative, Inc.

### Mission Statement

*To improve the lives of our member-owners and community by responsibly providing electric energy and other beneficial services while maintaining the very highest standards of performance.*

*This institution is an equal opportunity provider and employer.*

## Highlights from the **BOARDROOM**

These are the highlights from the board of directors' July 2 meeting. All board members were in attendance. Guests included Minnesota State Rep. Roger Erickson. In addition to routine action, the board voted to reschedule the September board meeting to Aug. 27.

Staff reports included the financial report, the Big Falls cable replacement project, work plan projects in the Ericsburg area, substation work by Minnkota, right-of-way clearing/spraying and safety training. The board participated

in an online distributed generation webinar and discussed a variety of topics with Rep. Erickson. Reports were heard from the Minnkota and Square Butte board meetings.

Detailed minutes are available at the cooperative for member review. Regular board meetings are generally held the first Wednesday of every month. If you wish to speak with the board, or have an item that you would like to have placed on the agenda, please contact Manager Dan Hoskins at least two weeks in advance to be included on the agenda.

## DIGGING SOON?



One free, easy call gets your utility lines marked AND helps protect you from injury and expense. Safe digging is no accident: always call 811 before you dig.

Visit **[www.call811.com](http://www.call811.com)** for more information.

## THE VALUE IS ELECTRIC!

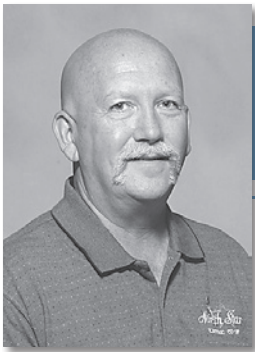
One tank of gas for your car  
20 gallons at \$3.54/gallon = **\$70.80**  
More than 21 days of electricity for your entire home = **\$70.80\***

\*Based on North Star Electric average residential usage of 875 kWh per month at the residential rate of \$.11/kWh + Minnkota surcharge of \$.004/kWh  
(Does not include the \$38 basic service fee)



*"Like us" on*  
**facebook**

**[www.facebook.com/NorthStarElectric](http://www.facebook.com/NorthStarElectric)**



**Dan Hoskins**  
General Manager

# MANAGER'S REPORT

**H**i there. Just want to touch base on a few things, but I promise I will not keep you long. First things first, we have had a few outages this summer so far. It seems like more than usual, not that we

usually have outages, but it just seems like we have more this summer than the last couple of summers. Anyway, there are a few reasons for this! One was the balloons in Minnkota's transmission line, which kept us hunting for a cause for a while. Then, there were a few regular issues like critters and trees! But, a couple of them were storms, and I just want to touch on that.

When Mother Nature raises her fists and brings the hammer down on us, our line workers respect that – meaning, if she is still raging her fury, our crews can't really do much until she settles down a little. So when the power goes out, yes, we want you to call in and report it, but we ask for just a little patience with our crews. If there is still lightning in the area and wind, hail or stuff like that, we practice safety all the time, and especially in these types of situations. I can tell you that our crews are well-trained professionals and they want to restore your power as soon as possible, but we ask them to do it safely!

The next thing I want to touch on is our small solar power system. Last month, I told you about the solar system our employees installed to help us learn and gain information. We also plan to use it to help answer any questions you may have concerning solar energy in our area, like cost of the system, energy output, return on investment or just simply give you something to come and walk around and kick the tires, per se. We do have it up and running and if you are online, you can go to our North Star web page and it will direct you to the output of the system. If you are in the Baudette area, we ask you to stop by our headquarters

and check it out. The system is just north of our front door and the monitor is active inside on the counter.

Just a couple of more things! There are only two more *Enlighteners* until our 74<sup>th</sup> annual meeting of the membership for me to remind you of this event and this one counts, so here is your first reminder: Friday, Oct. 3, at the Lake of the Woods High School auditorium, we will hold the 74<sup>th</sup> meeting of the North Star Electric Cooperative member-owners. Dinner begins at 5 p.m. with the meeting beginning at 6 p.m. Sloughgrass will be the entertainment for us this year and Robert "Mac" McLennan, president & CEO of Minnkota Power Cooperative, will be our guest speaker. We hope to see you there!

Congratulations are in order for a few folks. First of all, to Superintendent Bill Miller and his crew over on the Ash River Trail at the NOvA site. I attended their celebration July 24. Construction is complete and what a facility they have. It is an outstanding project for the area, and as far as I can tell there are many people excited about this and its future (120-25-001-03, Joann Dahlgren). Now if I only understood just what the heck they do! Anyway, congratulations, Bill, and we wish you much success!

A couple of personal congrats go to my family members. First of all, baby girl Harper just turned 1 on July 8, so Happy Birthday to my granddaughter. Of course, grandpa bought her a gift, which she is too small to operate yet, but big brother Hudson sure likes it!

And congratulations to my brother-in-law, Tim Kuntz, of Bismarck, N.D., who was just inducted into the North Dakota Babe Ruth Hall of Fame. This is quite an accomplishment and well deserved for almost 30 years of dedication and volunteering with this organization. Volunteers like this are hard to find anymore, but it is easy when you have a passion for something like Tim does. Congratulations, Tim!

God bless you and our troops, Dan

## Current electrical inspectors

State law requires that every new electrical installation in any construction, remodeling, replacement or repair shall file a certificate for inspection and be inspected by a Minnesota electrical inspector. For more information go to Minnesota Department of Labor and Industries website ([dli.mn.gov](http://dli.mn.gov)) and go to the electrical page.

### • Lake of the Woods, St. Louis and Koochiching counties:

Curt Collier ([cgcclier67@gmail.com](mailto:cgcclier67@gmail.com))  
Phone: (218) 966-5070  
Call to set up an appointment between 7 a.m. - 8:30 a.m. (Mon. thru Fri.)

### • Roseau county:

Scott Stenvik  
Phone: (218) 689-5406  
Call to set up an appointment between 7 a.m. - 8:30 a.m. (Mon. thru Fri.)





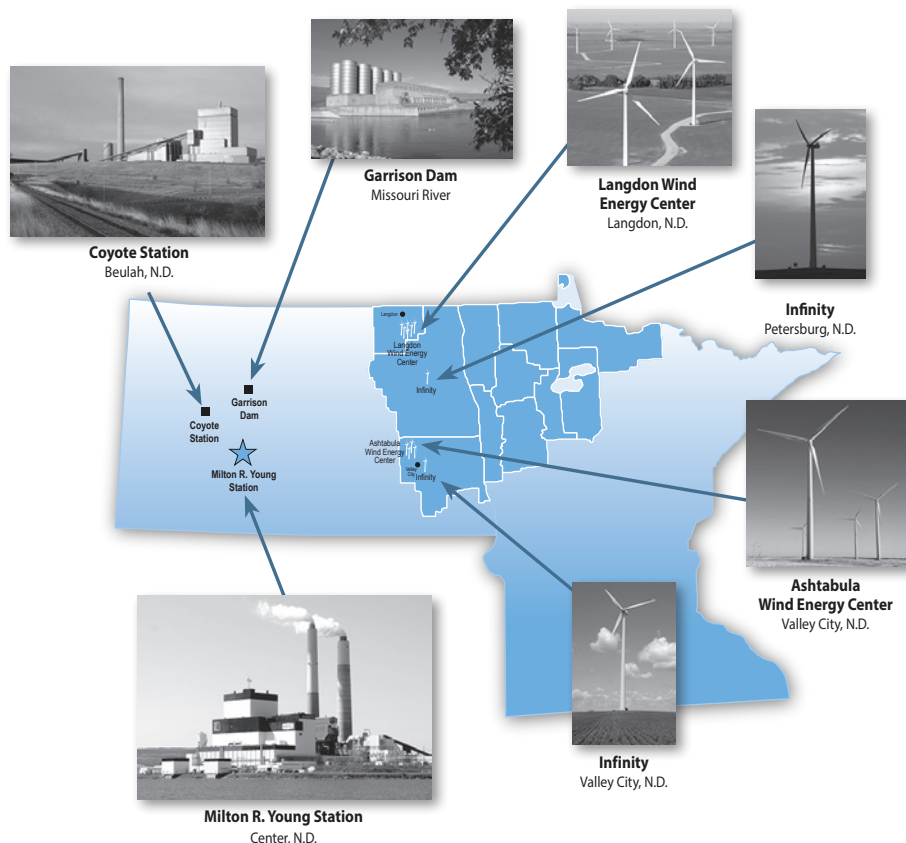
## EPA proposes carbon rules for existing power plants *(continued from page 1)*

impact the availability of electricity in some areas of the nation at certain peak demand times. Despite what reports say, solar and wind are still not stand-alone in most instances. Consumers still need a connection to the grid.

- This will lead to a greater shift to natural gas. Fracking is an environmental concern in its own right and flaring excess gas includes methane, which is much worse as a greenhouse gas. Also, natural gas prices will rise as more utilities turn to that fuel for generation.
- If the U.S. reduces its emissions and the rest of the world does not, there will be no noticeable impact on climate. A go-it-alone approach will get us nowhere. The EPA is betting that other countries will follow the U.S. lead.

Your cooperative will provide more information once it becomes clearer exactly what this rule means.

## Where Your Power Comes From



## Donation to purchase equipment for ambulances

Accepting a \$10,000 donation from North Star Electric Cooperative's unclaimed capital credits and CoBank's Sharing Success program are: Jason Breuer, Jaime Boretski-LaValla, Phil Talmage, Carrie Davidson, Randy Bergan, Julian Brzoznowski, Reed McFarlane, Steve Arnesen, Mike Trueman, Bobby Jo Castle and Mike Larson.

These individuals represent the organizations that have been fundraising for the \$32,000 project to purchase hydraulic-lift equipment for the ambulances. They include the local EMTs, LakeWood Regional Healthcare Foundation, the Rotary Club and North Star Electric Cooperative.



ENERGY  EFFICIENCY

*Tip of the Month*

### Use Ceiling Fans

During summer months, our homes can be extremely hot, making living conditions uncomfortable. Before you fire up the air conditioner, try cooling off with a ceiling fan first. Using ceiling fans can actually allow you to raise your thermostat setting by 4 degrees and still feel just as comfortable.

# Cold weather disconnects and the law

*The cold weather law does not totally forbid winter cutoffs. If you receive a disconnection notice this winter, you must act promptly.*

An electric cooperative must not disconnect the utility service of a residential customer during the period between Oct. 15 and April 15 if the disconnection affects the primary heat source for the residential unit when the following conditions are met:

(1) the customer has declared inability to pay on forms provided by the utility. For the purposes of this clause, a customer who is receiving energy assistance is deemed to have demonstrated an inability to pay;

(2) the household income of the customer is less than 50 percent of the state median income. All income documentation must be returned along with your Inability To Pay form unless you have verified income eligibility with an energy assistance provider in clause (3);

(3) verification of income may be conducted by the local energy assistance provider or the utility, unless the customer is automatically eligible for protection against disconnection as a recipient of any form of public assistance, including energy assistance that uses income eligibility in any amount at or below the income eligibility in clause (2);

(4) a customer whose account is current for the billing period immediately prior to Oct. 15 or who, at any time, enters into a payment schedule that considers the financial resources of the household is reasonably current with payments under the schedule; and

(5) the customer receives referrals to energy assistance programs, weatherization, conservation or other programs likely to reduce the customer's energy bills.

## The cold weather law provides you with these options

The RIGHT to declare your inability to pay. If you do so and if your household income is less than 50 percent of the state median income, the service affecting your primary heat source cannot be disconnected for nonpayment of your bill. However, we have the right to accept or reject your request based on information supplied or other supporting documentation.

The RESPONSIBILITY, if you choose to declare inability to pay. You must complete an "Inability to Pay" form and return it to us within fifteen (15) days of the notice to disconnect. You

must contact us immediately to arrange a payment plan.

The RIGHT to a mutually agreeable payment schedule with us. The schedule will cover your existing arrears plus the estimated usage during the payment schedule period.

The RIGHT not to be involuntarily disconnected on a Friday or on a day before a holiday, or until at least twenty (20) days after the postmark on the notice to disconnect or until fifteen (15) days

## Local energy assistance providers

Lake of the Woods County	218-634-2642
Koochiching County	218-283-7000
Northwest Community Action	800-568-5329
Kootasca Community Action	877-687-1163
Arrowhead Economic Opportunity	800-662-5711

after the notice and information has been personally delivered.

The RIGHT not to be disconnected until the utility investigates whether the residential unit is actually occupied when a customer does not respond to a disconnection notice. If the unit is found to be occupied, the utility must immediately inform the occupant of the provisions of this section. If the unit is unoccupied, the utility must give seven days' written notice of the proposed disconnection to the local energy

assistance provider before making a disconnection.

The RIGHT to receive budget counseling from your local energy assistance provider or another organization of your choice.

The RIGHT to appeal the disconnection of service to the North Star Electric Cooperative board of directors. If you choose to appeal, you must deliver or mail a personal letter stating your situation and issues in dispute. Your letter must be in our hands before the date of disconnection. You will be notified when the board of directors will review your appeal and you may be present at the review. No disconnection of service will take place during the appeal process.

**If you do not meet all the conditions of the cold weather law as outlined on this notice, you do not qualify for winter shutoff protection.** However, you still can continue to receive electric service if you call us to set up a mutually acceptable payment arrangement. Call North Star Electric at 218-278-6658 or 888-258-2008, BEFORE the due date on your disconnection notice.

**If you meet all the conditions of the cold weather law, can't pay your electric bill, and need cold weather protection from utility shutoff, call North Star Electric to have an Inability to Pay form sent to you. Complete the form and return it to North Star Electric Cooperative immediately along with your income documentation.**



## Fixing up your home? We can help.



Minnesota Housing partners with Border State Bank to provide loans for repairs, remodeling, installation of electric off-peak heat, and energy saving improvements. The Minnesota Housing Fix Up loan program offers affordable fixed interest rates with loan amounts up to \$50,000.

**Go green and save!** Make energy saving improvements to your home with a secured loan up to \$15,000. This loan has no income limit and repayment terms go up to 20 years.

**Looking for energy savings ideas?** Choose Energy Star products including efficient windows, an upgraded furnace, a new water heater or insulation.

Get started on a loan today by contacting your local Border State Bank:



**Baudette**  
Roseann Swenson - NMLS #530659  
Amanda Risser - NMLS #530660  
218.634.3300  
www.borderstatebank.com

**International Falls**  
Molly K. Bragg - NMLS #690519  
218.283.5556





# Operation Round Up

## helps local programs



The North Star Electric Community Trust Board met

in July to review the 25 applications it received requesting funding for various programs. The total amount requested

was more than \$74,000. The board had about \$9,000 to work with, so it was not an easy task selecting which group would get funding and what amount they would receive.

Many local programs and organizations benefit from Operation Round Up, a voluntary member-driven fundraising program of North Star Electric Cooperative, Inc., that is designed to provide financial assistance for worthwhile projects and charities in the area. Donations are given to organizations to help make the area a more pleasant and safe place to live.

All funds for Operation Round Up are contributed by the member-owners of North Star Electric and the money is put into a trust fund that is separate from electric accounts. The trust is administered by its own board of directors comprised of people from across the area.

Operation Round Up directors are appointed by North Star's board members and must be members of the cooperative (140-05-005-05, Mike M Baldwin). The cooperative's general manager is a nonvoting member of the board.

Organizations from the area may apply for a donation from the Operation Round Up Trust. The applicant must be charitable in nature and be working to meet a need in our area. The Operation Round Up board meets twice a year and decides if an application meets the guidelines of the trust and if funds are available.

If a member chooses to be part of Operation Round Up, their bill is "rounded up" to the next highest dollar. For example, if a bill is \$96.47, the computer will round up the bill to \$97. The additional 53 cents will be placed in the trust and distributed to local charitable and community-based programs.

About 80 percent of North Star's members have chosen to participate in Operation Round Up and it is expected that contributions will be about \$18,700 each year. That money goes right back into our community.

The average annual contribution from a member is about \$6. The most that could be contributed in a year by a member is \$11.88 (12 months x 99 cents).

If a member of North Star Electric or a nonmember of the cooperative would like to make an additional contribution, please give our office a call.



**North Star Electric Community Trust Board members, front row:** Larry Warrington; Gretchen Thompson, *vice president*; Peter Granger, *president*. **Second row:** Zelpha Crawford; Margie Sporlein, *secretary-treasurer*; Julie Lepisto; Mary Ellen Lehman.

## July 2014 winners



**Front row from left to right:** Shelly Nelson, *Northwest Community Action*; Gretchen Thompson, *North Star Electric Community Trust Board*; Deb Beckel, *Winter Road River Cemetery*. **Second row:** Gloria Baade, *Lake of the Woods Food Shelf*; Nancy Jewell, *Williams Senior Meals*; Arlyn Stewart, *Roosevelt Arena Association*.



**Front row from left to right:** Janet Schwerqert, *Big Falls CERC*; Darlene Larson, *Littlefork Lutheran Quilters*; Arlysse Palm, *Moose Creek Quilters*. **Second row:** Bertil Dahl, *Loman Rural Fire Department*; Julie Lepisto, *North Star Electric Community Trust Board*; Pat Bjorum, *Servants of Shelter of Koochiching County*; Mary Ellen Lehman, *North Star Electric Community Trust Board*. **Third row:** Tom Abendroth, *Big Falls Legion*; William Boelk, *Northland Amateur Radio Association*; Eric Norstad, *International Falls Trap Team*.

# Operation Round Up

helps local programs (continued from page 6)



**At the July meeting, \$8,495 in Operation Round Up funds were distributed to various qualifying programs and organizations throughout the area, including:**

- **Lake of the Woods Food Shelf** – Food stocking
- **LSS Senior Program** – Senior meals
- **Williams Senior Day Center** – Senior meals
- **Moose Creek Quilters** – Warm the Body to Warm the Heart
- **Littlefork Lutheran Quilters** – Quilting from the Heart
- **Clementson Community Cemetery** – Beautification of Cemetery
- **Big Falls CERC** – Summer education/recreation
- **Big Falls Seniors** – Home meal delivery
- **Big Falls Legion** – Double oven cook stove
- **Northwest Community Action** – Reach out for Warmth
- **Northwest Community Action** – Little Brother/Little Sister
- **Littlefork Fire Department** – Complete outfitting of rescue truck
- **Littlefork Fire Department** – Completion of rescue truck
- **Littlefork Ambulance Service** – Replace defibrillator/monitor
- **Northland Amateur Radio** – Big Falls repeater
- **Int'l Falls School Trap Team** – Equipment
- **River Road Cemetery** – Mark unmarked graves
- **Servants of Shelter of Koochiching County** – Temp. shelters for homeless
- **Loman Rural Fire Department** – Handheld radios
- **Roosevelt Legion** – Community center restoration project
- **Roosevelt Arena Association** – Community center restoration project



## Problems paying your electric bill?

Energy assistance may be available!

If you are receiving a low income or suffering from a temporary financial shortfall, the following agencies may be able to assist you with your electric bill. We urge you to contact them immediately to avoid disconnection if you feel you are eligible for aid.

### Lake of the Woods County Social Services

206 8<sup>th</sup> Ave. SE, Suite 200  
Baudette, MN 56623  
634-2642

### Northwest Community Action Council

P.O. Box 67  
Badger, MN 56714-0067  
800-568-5329

### Koochiching County Community Services

1000 5<sup>th</sup> St.  
International Falls, MN 56649  
283-7000

### Kootasca Community Action, Inc.

2232 2<sup>nd</sup> Ave. E.  
P.O. Box 44  
International Falls, MN 56649  
283-9491 or 800-559-9491

### Kootasca Community Action, Inc.

Grand Rapids, MN 55744-3984  
Toll free 1-877-687-1163  
Direct 1-218-999-0800  
Fax 218-999-0220

### Arrowhead Economic Opportunity Agency

702 3<sup>rd</sup> Ave. S.  
Virginia, MN 55792-2797  
800-662-5711

## NORTH STAR ELECTRIC COOPERATIVE POLITICAL LEADERS

### Federal legislators

#### President Barack Obama

The White House  
1600 Pennsylvania Ave. NW  
Washington, D.C. 20500  
www.whitehouse.gov  
president@whitehouse.gov  
202-456-1111

#### Senator Al Franken

320 Hart Senate Office Building  
Washington, D.C. 20510  
www.alfranken.com  
202-224-5641  
Fax: 202-224-0044

#### Senator Amy Klobuchar

302 Hart Senate Office Building  
Washington, D.C. 20510  
www.klobuchar.senate.gov  
202-224-3244  
1-888-224-9043 (Minnesota office)  
Fax: 202-228-2186

#### Congressman Rick Nolan

2447 Rayburn House Office Building  
Washington, D.C. 20515  
www.nolan.house.gov  
202-225-6211  
Facebook: US Rep Rick Nolan  
Twitter: @USRepRickNolan

#### Congressman Collin Peterson

2109 Rayburn House Office Building  
Washington, D.C. 20515  
www.collinpeterson.house.gov  
202-225-2165  
Fax: 202-225-1593

### State of Minnesota legislators

#### Governor Mark Dayton

75 Rev. Dr. Martin Luther King Jr. Blvd.  
Capitol Building, Room 130  
St. Paul, MN 55155-1606  
800-657-3717  
mark.dayton@state.mn.us

#### Senator Tom Bakk

75 Rev. Dr. Martin Luther King Jr. Blvd.  
Capitol Building, Room 226  
St. Paul, MN 55155-1606  
651-296-8881  
sen.tom.bakk@senate.mn

#### Senator Rod Skoe

75 Rev. Dr. Martin Luther King Jr. Blvd.  
Capitol Building, Room 235  
St. Paul, MN 55155-1606  
651-296-4196  
sen.rod.skoe@senate.mn

#### Senator LeRoy Stumpf

75 Rev. Dr. Martin Luther King Jr. Blvd.  
Capitol Building, Room 122  
St. Paul, MN 55155-1606  
651-296-8660  
Email: Use mail form

#### Representative David Dill

571 State Office Building  
100 Rev. Dr. Martin Luther King Jr. Blvd.  
St. Paul, MN 55155  
651-296-2190  
800-339-0466  
rep.david.dill@house.mn

#### Representative Roger Erickson

527 State Office Building  
100 Rev. Dr. Martin Luther King Jr. Blvd.  
St. Paul, MN 55155  
651-296-4265  
800-920-5867  
rep.roger.erickson@house.mn

#### Representative Dan Fabian

307 State Office Building  
100 Rev. Dr. Martin Luther King Jr. Blvd.  
St. Paul, MN 55155  
651-296-9635  
888-727-0979  
rep.dan.fabian@house.mn



# SOLAR PROJECT

## NORTH STAR ELECTRIC

When you drive into North Star's parking lot, you will see a new addition to the grounds. In early June, North Star installed a 4.92-kilowatt (kW) solar system so we can monitor the actual output of a solar system in our area. To monitor this output from your home in real time, you can either go to <http://egauge8199egauge.com/>, or find this link from our website, [northstarelectric.coop](http://northstarelectric.coop). In fact, you can see what is being produced for as little as 10 minutes or over a full year. When you are checking out the site, be sure that you have it set on the 5-kW display to get the most accurate information.

You may wonder why North Star installed a solar system at its headquarters. The answer is simple: education, both for us and our membership. If you are considering installing a solar system, we want you to have the most accurate information possible, not just some information that you read off a website or from a salesman pushing for a sale.

The system that the cooperative installed is a 12-panel, 410-watt photovoltaic system, which is rated at 4.92-kW DC (direct current), and when converted to AC (alternating current), which you use in your home, is 4.5-kW. The system is six panels wide by two panels deep and covers a 15-foot by 40-foot area. The brand of the unit is TenK solar and it estimates that this unit will produce 6,674 kWh/year. The peak month of production is July, which it estimates at 791 kWh (763 kWh actual), and its lowest month is November, which it estimates at 277 kWh.



This system is interconnected with our headquarters building so all the electricity produced is used on site. Our headquarters building used 567,520 kWh last year so we would need 85 of these systems to produce the same kWh we needed last year. Of course, with solar energy only being produced in the daylight hours, the building would still need to be connected to commercial power for most of its energy needs.

You may wonder what happens when it snows this winter. We have been told that if only a small part of the solar panel is exposed to the sun, it will gather enough heat to melt the rest of the panel. Time will tell on that this winter.

This system will prevent about five metric tons of CO<sub>2</sub>/year. According to the EPA website, the average sequestered annually by one acre of average U.S. forest land is 1.22 metric tons of CO<sub>2</sub>. This system will reduce CO<sub>2</sub> emissions equal

to about four acres of land. The American Forest website says that the average tree can absorb as much as 48 pounds of CO<sub>2</sub>/year and can sequester one ton of CO<sub>2</sub> by the time it reaches 40 years old.

What is the cost of this system, you ask? We have invested more than \$17,000 in material and about another \$5,000 in equipment and labor for a total cost of about \$22,000. For payback information, I would go to the Minnesota DNR website and look at the information it has on its solar projects (556-06-001-50, Shane Ziemba). It has installed several systems in its parks all over the state. The shortest payback is 28.43 years and the longest is 100 years. If you can't find it there, we did have the listing in the March 2014 *Enlightener*, which can be found on our website.

If you have any questions about these systems, please give us a call or stop by and we can look at our system together.