

April 2018

MICHIGAN COUNTRY LINES

Cherryland Electric Cooperative

COPPER PEAK:
REACHING
new
HEIGHTS

Rise Of Electric Vehicles

Brotherhood Of Marines
And Lineworkers

Love, Laughter And The Cabin



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Photo courtesy of Brad Nelson, NorthernPOV

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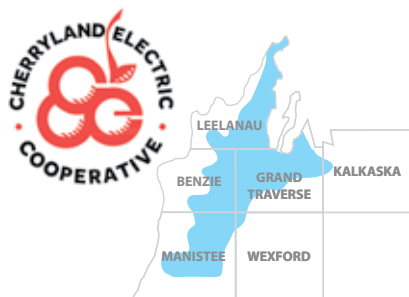
I Remember...

We invite members to share their fondest memories.

Guidelines

1. Approximately 200 words
2. Digital photos must be at least 600 KB
3. Only one entry per household, per month
4. *Country Lines* retains reprint rights
5. Please include your name, address, email, phone number and the name of your electric co-op
6. Submit your memories online: countrylines.com or email to cdorr@meca.coop

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CO-OP NEWS

Cherryland Accepts Scholarship Applications

Each year Cherryland awards five scholarships—three worth \$4,000 (\$1,000 for four years) for high school seniors and two for \$1,000 each for adult scholarships (post high school).

The application deadline for both scholarships is Friday, April 6. Applications are available on the Cherryland website or by contacting Cherryland's office at 231-486-9200.

Rate Change Goes Into Effect April 1

Changes to Cherryland's rates go into effect April 1. These changes include increases in both the residential and general service availability charges, as well as combining the current energy charge and Power Supply Cost Recovery (PSCR) charge while setting the PSCR charge to zero. See page 17 or visit our website for more details.

If you have questions, Cherryland's General Manager Tony Anderson will be hosting a Facebook Live Q&A on Thursday, April 19, at 12 p.m. and Thursday, May 3, at 7 p.m. You may also submit questions by email at cec@cherrylandelectric.coop.

Members Donate To Local Nonprofits Through Cherryland Cares

You can help local nonprofits by contributing to Cherryland Cares. Cherryland Cares is funded through the voluntary rounding up of a member's monthly electric bill to the next whole dollar amount. A member's average annual contribution is approximately \$6.

The funds are then distributed by the Cherryland Cares board: a five-member volunteer board which reviews grant applications and allocates the funds to nonprofits seeking assistance.

If you are interested in participating, call the Cherryland office at 231-486-9200 or sign up through SmartHub.

80th Annual Meeting Is June 21–Save The Date

Cherryland's 80th Annual Meeting will take place Thursday, June 21, at Incredible Mo's in Grawn. Mark your calendars for an evening of food, fun and information.

April 9 Is National Lineworker Appreciation Day

When the lights go out, so do Cherryland's line crews. Thank you to Cherryland's lineworkers for all the work they do to keep northern Michigan's lights on!



A Hate/Love Relationship

Tony Anderson, General Manager

At Cherryland Electric Cooperative, we try to keep up with all forms of technology. To this end, we leased a Chevrolet Volt gas/electric hybrid for three years in order to gain some practical knowledge about the car.

I hated that car. It only went 35 miles on electricity before switching over to the gas engine. The control panel was confusing to use and led to more than one instance of distracted driving for this aging individual who just wanted to be warm and listen to the radio. The limited leg room in the back seat was a joke. I dreaded climbing in that car every single time.

Well, the lease recently ran out. An employee suggested we try the all electric Chevrolet Bolt. I was extremely skeptical but reluctantly relented. I even considered not driving the car, but ultimately I decided I couldn't hate something that I didn't even try once.

I sat behind the wheel and immediately got excited about the future of electric cars. The dash panel was "normal." The headroom was ample in the front and back. The rear leg room was almost spacious. Then, I put the pedal down on the highway and it took off with my heart. I simply loved it.

The Bolt has speed and comfort, and the weight of the batteries make the front wheel drive grip the road in the worst winter weather. The range on a single charge is a generous 230 miles. The price range is on the high end of affordable, but I believe that will change as battery prices drop and competition increases.

Chevrolet is planning on building more electric vehicle (EV) models in the future. Of course, Tesla remains the leader in this arena but Volvo, Ford, Toyota, Nissan and others are

entering the market with investments in the billions as well. The winner on the EV battlefield will clearly be the consumer.

The two questions about EVs I get the most are: 1) where are the charging stations and 2) do you have a special rate?

Today, Cherryland and its power supplier, Wolverine Power Cooperative, are working on tariffs for EV charging stations for commercial and residential members. By mid to late summer, cooperative members will be able to contract with Cherryland to have a charging station installed at a cooperative discount for a modest up-front fee and a small monthly charge for a four to five year period. So, a network of charging stations will begin to appear in 2018 and beyond.

Because EVs are programmable, they can be set to charge during off-peak times of the day. In the next 12 to 24 months, I believe you will see Cherryland offer a time-of-use rate or something similar that will be applicable to EV charging as well as traditional forms of energy use such as hot water heaters, electric heat and clothes washing.

I am very excited about the potential for growth of EVs in our area and our nation in the months and years ahead. The electrical infrastructure and capacity is in place to handle the growth on the cooperative distribution system as well.

EVs are quiet, emission-free, dependable and will soon come in all shapes and sizes. As the battery range grows and the charging network expands, I can see more and more people making a choice based on convenience, price and longevity with the environmental benefits simply a worthy bonus. What's not to love about that?

Hiring The Right Contractor

By Pat Keegan and Brad Thiessen

Renovations to your home can be the perfect time to improve your home's energy efficiency. To make sure you get those energy savings, it's important to do some planning right from the beginning.

The first step is to educate yourself so you can be in control of your project. Helpful, easy-to-understand energy efficiency information is available for virtually any area of your home and any renovation project. Just be sure to use reputable sources, like your local electric co-op, energy.gov or energystar.gov.

You'll need that knowledge so you can judge the solutions each potential contractor proposes. Some products or methods that are sold as effective energy efficiency solutions may not work as well as they claim, or may be too expensive relative to the energy savings they provide.

It's important to talk to your local building department to find out if your project requires a permit and inspections. Some contractors may suggest doing the work without a permit, but unpermitted work can cause problems if you need to file an insurance claim down the road or when you get ready to sell your home.

You can also use your newfound knowledge to ask the right questions of potential contractors. Ask about the product to be installed, the energy savings it should yield and whether it will improve comfort. Because energy efficiency installations and construction are specialized, most measures are unlikely to be installed correctly unless the installer has experience and hopefully some appropriate training or certification.

Finding a contractor can be a challenge, especially in rural areas. Your electric co-op may be able to provide a list of approved contractors in your area. You may decide you'd like to hire a small specialty contractor or a larger general contractor. Either way, it's crucial to hire someone with a contractor's license, a local business license and three types of insurance: liability, personal injury and workers' compensation. Check references to verify the contractor has a solid history of cost-control, timeliness, good communication and excellent results, including significant energy savings. You might learn that your lowest bidder tends to increase the price after the job has begun.

Once you have settled on a contractor, be sure to get a written contract. It should include "as built" details and specifications that include energy performance ratings you have researched ahead of time, such as:

- the name of the individual doing the installation
- the specific R value if you're insulating
- the make, model, the AFUE (annual fuel use efficiency) and COP (coefficient of performance) ratings if you're replacing a furnace (and ask that an efficiency test be conducted before and after the work)
- the make, model and EER (energy efficient ratio) rating if you are replacing the air conditioner. Some contractors can check for duct leakage in the supply and return ductwork with a duct blaster if you're doing any furnace or AC work.
- whether the contractor must pay for the necessary building permits.



Finally, be cautious about pre-paying. Keep the upfront payment as low as possible, set benchmarks the contractor must meet to receive the next payment and make sure a reasonable amount of the payment is not due until the project is completed, passes building inspections and you are fully satisfied. If you don't feel qualified to approve the project, you could even require testing or inspection by an independent energy auditor.

Then, enjoy your new energy efficient space!

This column was co-written by Pat Keegan and Brad Thiessen of Collaborative Efficiency. For more information on hiring the right contractor, please visit collaborativeefficiency.com/energytips.

As the “first responders” of the electric co-op family, lineworkers perform around-the-clock duties in dangerous conditions and challenging situations to keep power flowing and protect the public’s safety. These brave members of our community go above and beyond to restore power to their neighborhoods and towns, often in the most hazardous environments.

We honor the hardworking men and women who keep the lights on. Resolutions adopted by the National Rural Electric Cooperative Association (NRECA) explain it best:

“Whereas linemen leave their families and put their lives on the line every day to keep the power on; Whereas linemen work 365 days a year under dangerous conditions to build, maintain and repair the electric infrastructure; Whereas linemen are the first responders of the electric cooperative family, getting power back on and making things safe for all after storms and accidents; and Whereas there would be no electric cooperatives without the brave men and women who comprise our corps of linemen; Therefore be it resolved that NRECA recognize the second Monday of April of each year as National Lineman Appreciation Day and make available to electric cooperatives, materials and support to recognize the contributions of these valuable men and women to America’s Electric Cooperatives.”

**Lineworkers are the heart of the co-op nation, proud and strong.
Remember to #ThankALineworker**

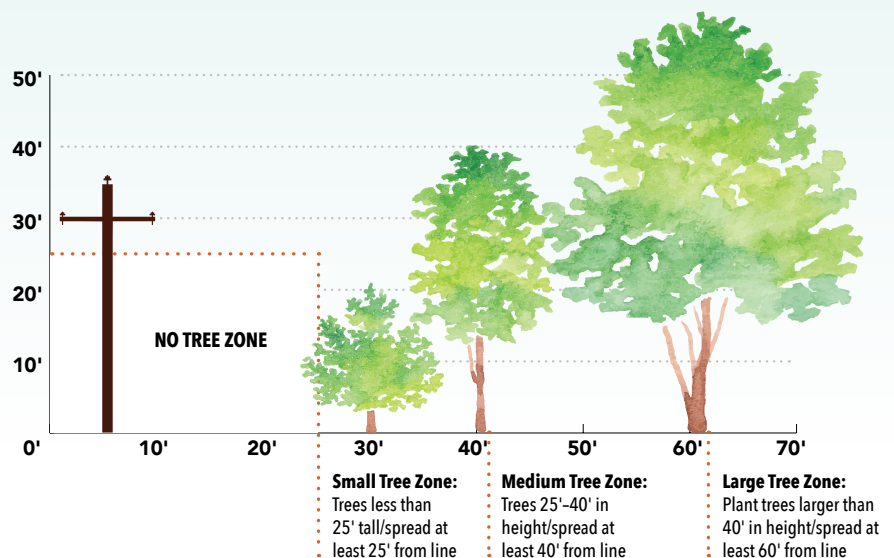


Plant The Right Tree In The Right Place

Trees beautify our neighborhoods, and when planted in the right spot, can even help lower energy bills. But the wrong tree in the wrong place can be a hazard...especially to power lines.

To avoid future electrical hazards, planting tips include:

- Consider the mature height of trees. Any tree that can grow as tall as 25 feet or more should not be planted near overhead power lines. A mature height of less than 15 feet is recommended.
- Do not plant near underground utility services. Tree roots can grow and interfere with underground pipes, cables and wires. Future repairs to these facilities could also damage the health and beauty of nearby plants and trees.
- Keep areas around electric meters, transformers or other electrical equipment free of any vegetation that could limit utility service access.



Be safe! Always call 811 before you dig to locate any buried utility lines.



By Charlie Johnston

BROTHERHOOD

As a young man, I was part of what many consider to be the greatest brotherhood of all, the United States Marine Corps. Today, I am part of another great brotherhood, that of electrical line workers. Over my 45 years as a lineworker, I have found that there are many things these two brotherhoods have in common.

THEY HAVE PRIDE.

Marines and lineworkers have pride in what they do, who they are, meeting any challenge and doing something only a few can do.

THEY HAVE A CAN-DO ATTITUDE.

Marines have a saying: "The difficult we do immediately. The impossible takes a little longer." Lineworkers feel the same way.

THEY ARE INGENIOUS.

Marines and lineworkers are known for making do with what they have and improvising as they go.

THEY ARE MISUNDERSTOOD AT TIMES.

Marines and lineworkers are referred to as "a different breed of cat." They embrace that.

THEY RISE TO THE OCCASION.

They are at their best when things are at their worst.

THEY ARE DIVERSE.

Marines and lineworkers can come from many backgrounds, in all shapes and sizes, but their common goals and experiences bond them together as one.

Pictured L-R: Back Row—Hunter, Joe, Phil, Dallas, Dave, Joe, Jake, Dave, Kyle, Andy, Brandon; Front Row—Jeff, Frank, Dustin, Jerry, Greg, Charlie



Learn more about Charlie and his fellow lineworkers in a special episode of our podcast 'Co-op Energy Talk.' Available on iTunes, Podbean, and our website.

THEY ARE THEIR BROTHER'S KEEPER.

It may be overly dramatic and a bit of a cliché to say that they would die for one another, but this much is true: they put their lives into each other's hands.

It's these shared conditions and hardships that bind both groups together with an almost us-against-the-world attitude. To me, it's these things that are the difference between just being part of a group and being part of a brotherhood.

I am proud to have spent most of my life as a part of these two great brotherhoods, to know that I was making a difference, and all the while, to do something that I loved.

Cherryland thanks Charlie Johnston for his 45 years of service to the co-op! Charlie will be retiring in the spring.



Divine Desserts

Indulge a little!



Photos—Robert Bruce Photography

Espresso Cheesecake (pictured above)

Jeannette Len, HomeWorks Tri-County

Crust

- 2 cups Oreo cookie crumbs (use entire cookie, including cream)
- 5 tablespoons butter, melted

Cheesecake

- 3 (8-ounce) packages full-fat cream cheese
- $\frac{3}{4}$ cup sugar
- 1 teaspoon vanilla extract
- 3 eggs
- $\frac{1}{3}$ cup brewed espresso (about 3 shots)

Chocolate Ganache

- $\frac{1}{2}$ cup heavy cream
- $\frac{3}{4}$ cups semi-sweet chocolate chips
- mini chocolate chips, for topping (optional)

Crust: Preheat oven to 350 F. Pulse Oreos in blender or food processor until very fine. Measure out 2 cups of crumbs, roughly $\frac{2}{3}$ of a 14.3-ounce package of Oreo cookies. In a small bowl, combine crumbs with melted butter and mix well. Before adding crumbs to the pan, wrap bottom and sides of a springform pan in three layers of aluminum foil, which will keep the water out during the water bath. Add crumbs to an 8-inch springform pan and distribute evenly, using a cup to press the crumbs into the pan. If desired, press crumbs up the sides of the pan about a half inch. Bake crust for 8 to 10 minutes. Remove pan from oven. Cool to room temperature before adding cheesecake mixture.

Cheesecake: Turn oven down to 325 F. In a large mixing bowl, beat cream cheese until smooth, 2 to 3 minutes. Add in sugar, vanilla, and espresso; beat again. Add eggs, one at a time, beating after each one. Beat mixture for 1 additional minute. Pour cheesecake mixture on top

of cooled crust. Place 8-inch round springform pan inside a 9x13-inch cake pan (or another large pan). Carefully fill 9x13-inch pan with water, about 1-inch below top of the tin foil on the 8-inch pan. Place water bath with the cheesecake in the oven and bake for 60 minutes at 325 F. The cheesecake is done when the center wobbles a little when you jiggle the pan. The edges of the cheesecake should look firmer than the center.

Once cheesecake looks done, turn oven off and open the oven door a little. Allow to cool to room temperature inside the oven before removing, 60 to 90 minutes. Once cooled, remove cheesecake from oven. Carefully take off aluminum foil on edges and place cheesecake (still in pan) in the fridge for a least 6 hours or overnight. Before serving, carefully unmold cheesecake from pan. Allow pan to do most of the work; some of the cheesecake may stick to the pan, but the cheesecake should naturally separate from the pan.

Chocolate Ganache: To make the chocolate ganache, place the chocolate chips in a heat-proof bowl. In a small saucepan over medium heat, bring the heavy cream to a boil. Once boiling, pour the heavy cream over the chocolate chips. Allow mixture to sit for 1 to 2 minutes, melting the chocolate chips, then stir well to mix. Allow the chocolate to cool for 5 to 7 minutes.

To assemble, spoon the chocolate ganache on top of the cheesecake, using a spatula to spread around. Add mini chocolate chips on top of the ganache. Serve. Cover and refrigerate any leftovers.



Watch a video of this recipe at
<https://goo.gl/ZqgJKz>

Oh-So-Tempting Turtle Brownies

Debbie Eberly, Great Lakes Energy

- | | |
|--|--|
| 1 package German Chocolate cake mix | 1 cup pecans or walnuts, chopped |
| 2/3 cup evaporated milk, divided | 14 ounces caramels, unwrapped (approx. 1 1/3 bags) |
| 2 eggs | 16 ounces semi-sweet chocolate chips (approx. 1 1/3 bags) |
| 3/4 cup butter, softened | |



Preheat oven to 350 F. Combine cake mix, 1/3 cup evaporated milk, eggs, and butter. Mix well. Stir in nuts. Press half of the cake mixture into a 9x13-inch, well-greased pan. Bake for 6 to 7 minutes. While baking, combine caramels and remaining 1/3 cup evaporated milk and melt in microwave. Remove pan from oven and sprinkle chocolate chips evenly over bottom layer. Pour caramel over chocolate chips. Spoon remaining cake mixture over top. Spread as evenly as possible. Finish

baking for 18 to 20 minutes. Cool before cutting.

Chocolate-Covered Oreo Cookie Cake

Becky Elliott, Cherryland

- | | |
|--|---|
| 1 package devil's food chocolate cake mix | 1 package (8-ounce) cream cheese, softened |
| 4 ounces (2/3 cup) semi-sweet chocolate chips | 1/2 cup sugar |
| 1/4 cup (1/2 stick) butter | 2 cups whipped topping, thawed |
| | 12 Oreo cookies, coarsely crushed |



Preheat oven to 350 F. Prepare cake batter and bake in 2 (9-inch) round pans as directed on package. Cool cakes in pans 10 minutes. Invert cakes onto wire racks; gently remove pans. Cool cakes completely. To make chocolate glaze, microwave chocolate and butter in bowl on high for 2 minutes or until butter is melted. Stir until chocolate is completely melted. Cool 5 minutes. Meanwhile, beat cream cheese and sugar in large bowl with mixer until blended.

Gently stir in whipped topping and crushed cookies. Stack cake layers on plate, spreading cream cheese mixture between layers. Spread top with chocolate glaze; let stand until firm. Keep refrigerated.

Featured Guest Chef

As visitors reach the small town of Ironwood, stomachs growl and thoughts turn toward fueling up before braving the Copper Peak Adventure Ride. Ironwood natives, the Pozegas, dished up their savory family recipe so everyone can enjoy a taste of the U.P.



Pozega Family Meat And Potato Pasties

Dough Ingredients

- 3 cups flour
- 1 cup shortening
- 1 teaspoon salt
- 3/4 teaspoon baking powder
- 1 egg
- 1 tablespoon vinegar
- 6 tablespoons cold water

Filling Ingredients

- 6 cups thinly-diced potatoes
- 1 large onion, diced
- 1 pound ground chuck
- 1 1/2 teaspoons salt
- 1 teaspoon black pepper
- 1 teaspoon garlic powder

Preheat oven to 350 F. Mix flour, shortening, salt and baking powder until fine. Then beat egg with a fork, mix in vinegar and cold water. Combine with flour mixture until it forms a dough. Divide the dough into 6 round balls.

Mix potatoes, meat, onion, salt, pepper and garlic powder in a large bowl.

Roll out each ball of dough into a circle and fill with 1/6 of the meat filling over half of each circle. Put a pat of butter on top of mixture, and fold over and seal edges. Make small slits on top of each pastry. Transfer to a parchment-lined rimmed baking sheet and brush pasties with milk. Bake until golden brown, about 1 hour. Enjoy!

Read the full story about Copper Peak on page 14, and find this recipe and others at micoopkitchen.com.



Eggcellent: due May 1
Cookies And Cakes: due July 1

Submit your favorite recipe for a chance to win a \$50 bill credit and have your recipe featured in *Country Lines*.

Go to micoopkitchen.com for more information and to register.

Enter to win a
\$50
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Your Board In Action

February Board Meeting Highlights

- The co-op's member services manager gave a presentation to the board regarding the winter disconnect moratorium. Cherryland members are not disconnected for nonpayment from November 1 through April 15 because the co-op does not opt into the Michigan Energy Assistance Program (MEAP) by charging its members a monthly fee.
- As part of the co-op's Revolving Loan Fund, the board decided to extend a zero-interest loan to commercial member Centre Ice Arena. To keep the Detroit Red Wings training camp and NHL Prospect Tournament at Centre Ice Arena, they must make significant upgrades to their facility to meet NHL standards.
- At the recommendation of Wolverine Power Cooperative's general counsel, the board voted to request a waiver from the Federal Energy Regulatory Commission (FERC) that would allow Wolverine to act on Cherryland's behalf in cases involving the Public Utility Regulatory Policy Act (PURPA).



Brief History Of Electric Vehicles

By Tom Tate, NRECA



The appeal of electric vehicles is gaining momentum. But did you know this isn't the first time there has been interest in EVs?

The first known electric car was developed in 1837 in Aberdeen, Scotland. Early variants were powered by galvanic cells rather than rechargeable batteries. The lead-acid battery was invented in France in 1859 with further French development leading to the manufacture of these batteries on an industrial scale in the early 1880s. This allowed a rechargeable battery to be installed on the vehicle.

Soon manufacturers were selling a wide array of EVs, ranging from trams to trolleys, to cars, and even locomotives. Interest in electric cars blossomed in the late 1890s and early 1900s. As roads improved and became more extensive, demand for greater range emerged. A variety of solutions were put forth, including the first battery exchanges by an electric utility in Connecticut in 1910 and the first hybrid automobile in 1911. It would not be long until America led the world in the number of EVs on the roads.

But the rapid expansion of the country and the limitation of electricity to major cities and towns spelled the end of the electric car. The world wanted to be mobile and EVs simply did not have the range required. Enter Henry Ford and the mass-produced, affordable internal combustion engine, and the EV's fate was sealed.

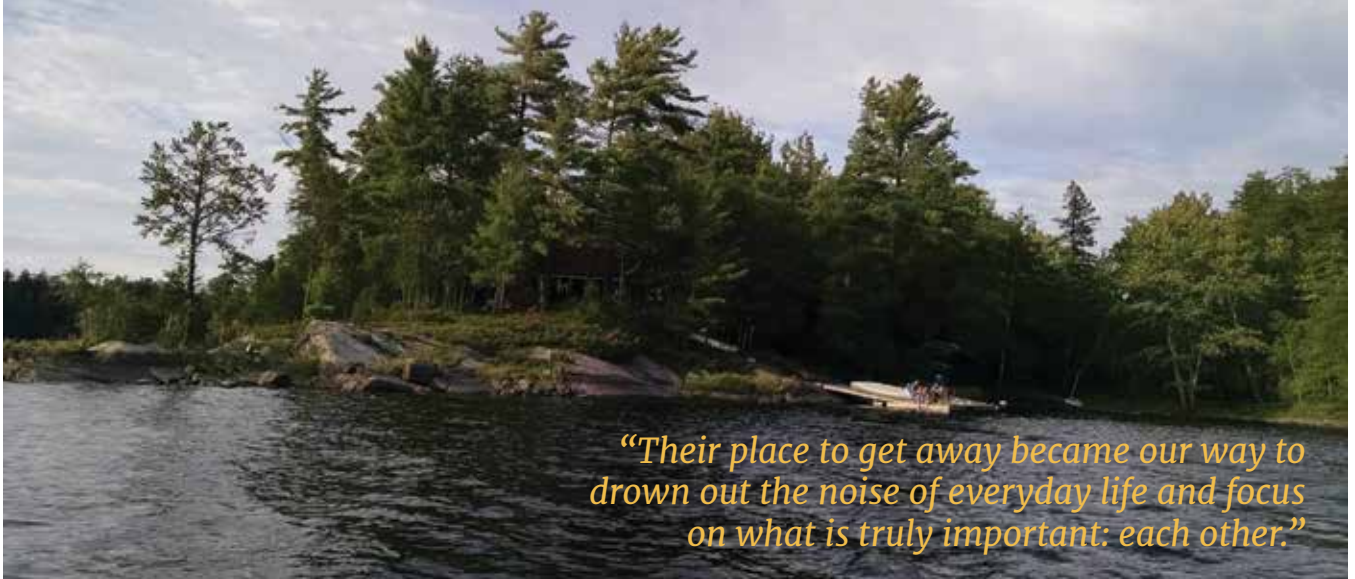
Fast forward to modern times and EVs are dominating the automotive news. Thanks to the electric cooperative movement, electricity is available everywhere in the U.S., the majority of roads are paved and environmental concerns are increasing awareness.

So, maybe someday we'll all be gliding silently—and cleanly—on our travels.



Love, Laughter And The Cabin

By Rob Marsh, Communications Specialist



"Their place to get away became our way to drown out the noise of everyday life and focus on what is truly important: each other."

Every summer for as long as I can remember, my parents, three siblings, and I have jumped into the family truckster and spent a week at our family cabin on the rocky shores of Lake Wah-Wash-Kesh, Ontario (I'm not kidding, that's the actual name).

At first glance, this traditional log cabin isn't much to view. The walls are clad with old photos, worn baseball caps, and even a random set of bull horns. But perhaps the most memorable item in the cabin, hanging above the kitchen table, is a simple wood sign with the words "Bill + Ann" etched into it.

As a kid, I had no idea who those people were. It took an embarrassing question to my parents and some light teasing to learn that it was grandpa and grandma.

My grandparents purchased the cabin in 1974 after spending years vacationing on the lake. As a matter of fact, my grandpa told stories of fishing trips he took on that very lake when he was a boy.

I'm sure purchasing the cabin was just a means to secure a place for the occasional getaway. My grandpa worked long hours. My grandma was taking care of five children. Who wouldn't want a chance to take a break?

Little did they know, purchasing this old log cabin would mean so much more.

The cabin became a centerpiece of our family's history. Regardless of where we have lived or how busy we might have been, our family has made it a priority to come together to this one spot every year.

During that time, we have enjoyed the same waters, listened to the same music, broken bread around the same table, and retold the same old stories (and laughed like we've never heard them before). We have made memories that will last us a lifetime.

In 1974, my grandparents, knowingly or not, gave us an opportunity to strengthen the bonds of our family for decades. Their place to get away became our way to drown out the noise of everyday life and focus on what is truly important: each other.

As summer approaches, I am feeling excited to return to our cabin for another family getaway. But this trip will be special in that I will be bringing the newest member of our family, my daughter, to the cabin for the first time.

I look forward to sharing with her all the love and laughter the cabin has given me. And maybe one day when she looks up at that wood sign above the kitchen table, she too will feel the same gratitude I feel for my grandparents and their decision back in 1974.



COPPER PEAK: REACHING *new* HEIGHTS

By Emily Haines Lloyd
Photos courtesy of Brad Nelson, NorthernPOV
and Copper Peak

Fresh off the February festivities in Pyeongchang, South Korea, Olympic fever is slowly fading. But for a small community in the Upper Peninsula, Olympic dreams are still very much alive.

In Ironwood, a village that sits on the Michigan and Wisconsin border, visitors can travel down a country road to Copper Peak, which is currently a tourist stop for breathtaking 360-degree views. However, between the 1970s through the 1990s, Copper Peak was a premiere ski jump for would-be Olympians and ski jump enthusiasts. And, if a dedicated band of supporters have their way, it will be again.

The Copper Peak ski jump sits 469-feet-high and looks over 2,500 square miles. The view from the world's largest artificial ski jump includes three states (Michigan, Wisconsin and Minnesota), majestic Lake Superior, and the winding Black River as it cuts through the woods. In its prime, it hosted 13 ski flying events in its nearly 25-year run.

The Copper Peak ski jump eventually closed due to financial constraints, but by no means remained dormant. Administrators believed that the views from the top of the jump should be enjoyed by more than just the lucky few jumpers and flyers who competed

and trained on the hill. That's when the Copper Peak Adventure Ride entered the scene.

"The Copper Peak Adventure Ride is one of the most thrilling experiences," said Marketing and Communications Director Kassi Huotari. "There is the perfect mixture of excitement and anxiousness as you slowly head to the top, but the payoff is priceless."

The return on the \$20 ticket price (\$20/adults, \$8/children) more than pays for itself, as adventurers take an 800-foot-chairlift ride to the crest of the hill, followed by an 18-story elevator trip to the main observation deck. If you're

feeling even more daring, individuals can climb eight additional stories to the top of the jump's starting gate.

Breathtaking hardly describes the feeling, adventurers say, as they look out over the landscape with a view that few get to experience.

While bringing those amazing views to nearly 10,000 ticket buyers last year was inspiring, those who have known and loved this hill—including team members, athletes and community members—still dream of returning Copper Peak to its former glory. A few years ago, that group of ski-jump enthusiasts and go-getters began efforts to upgrade the jump to meet modern standards and reached out for fundraising and, eventually, legislative support to return Copper Peak to a premiere competitive ski jump and training site.

"We've got excellent support from the international ski jumping community," said Charles Supercynski, president of the Copper Peak board. "We see it as a very important construction project that will enhance the area. This is huge for us. We only have 16,000 people in the county, so it would be enormous for us economically and for the state. It would shine the international spotlight on Michigan and this community."

The mission is to re-establish Copper Peak as the western hemisphere's largest active ski jump and host the Summer Grand Prix competitions.

"At the recent Olympic trials in Park City, Utah, a U.S. female flyer approached a couple of our board members who were wearing Copper Peak gear," said Huotari. "She went right up to them and said she wanted to be the first woman to fly off Copper Peak when it reopens. With that kind of passion and support, we're even more committed to succeeding."

Visit copperpeak.net to learn more.

Copper Peak is all about the adventure and is excited to be hosting the Red Bull 400, a grueling, 400-meter sprint to the top of the ski jump that will put each athlete's calves, quads and endurance to the test. The event on Saturday, May 12, is open to the public and, much like the view from the top, will be a remarkable site to see.

For more information visit:

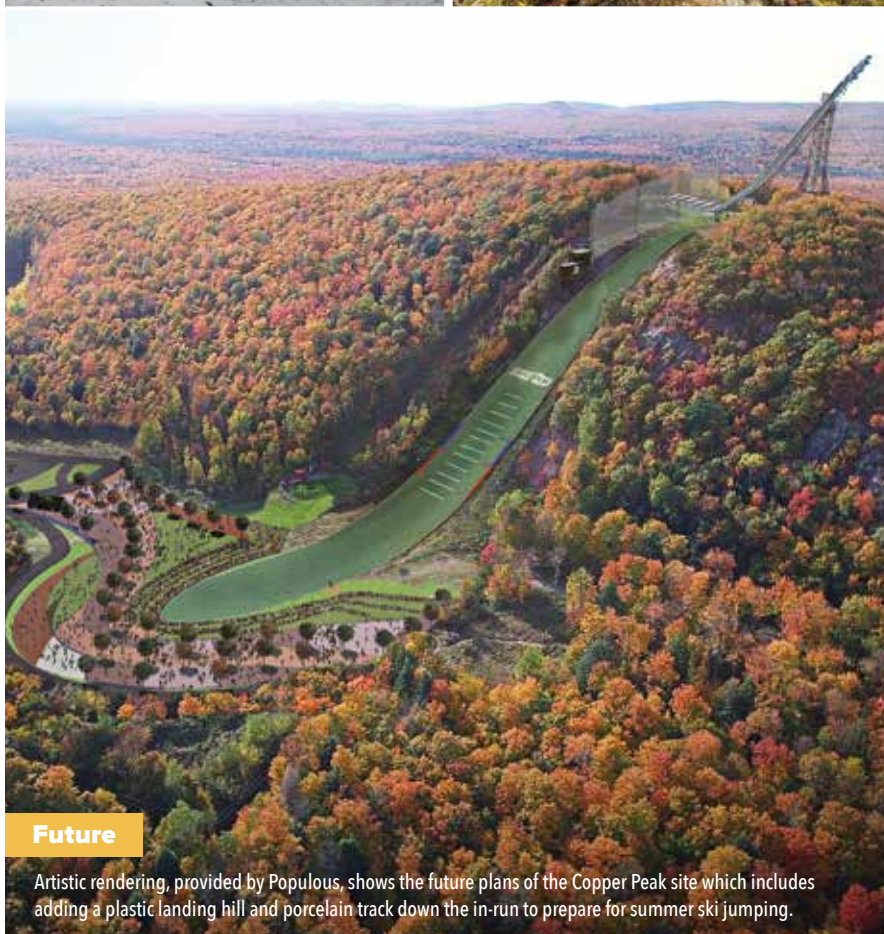
redbull.com/us-en/events/red-bull-400-international



Past



Present



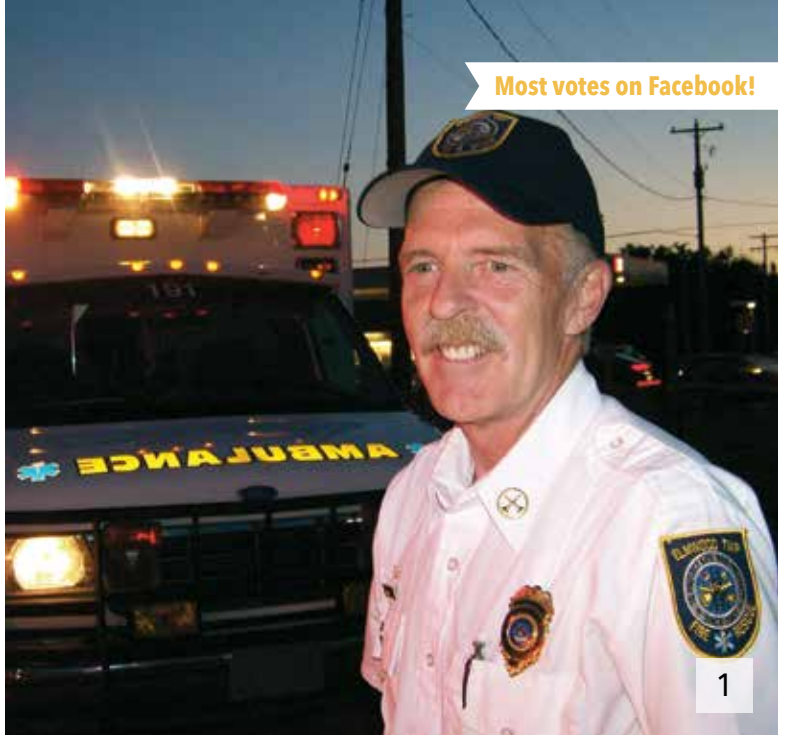
Future

Artistic rendering, provided by Populous, shows the future plans of the Copper Peak site which includes adding a plastic landing hill and porcelain track down the in-run to prepare for summer ski jumping.



Photo Contest Heroes

1. "Hero, One of Many" by Carrie Noren
2. "Daddy Daughter Dance—Emma's Hero" by Susan Stegmeyer
3. "Thank You" by Chris Cosentino
4. "Thank you for your service, Dad" by Roger Deemer
5. "Kelsey proudly supports veterans like her grandpa" by Velvet Whittaker



Submit Your "Outdoor Adventures" Photo!

Submit your best photo and encourage your friends to vote! The photo receiving the most votes from our Facebook contest will be printed in an issue of *Country Lines* along with some of our other favorites.

Our April theme is **Outdoor Adventures**. Photos can be submitted from **April 1 to April 20** to be featured in our June issue.

Enter Your Photos And Win A Bill Credit!

To enter the contest visit facebook.com/cherrylandelectriccoop and click "Photo Contest" from the menu tabs. If you're not on Facebook, that's okay. You can also enter the contest at cherrylandelectric.coop/photo-contest. Enter your picture, cast your vote, and encourage others to vote for you as well. If your photo is printed in *Country Lines* during 2018, you will be entered to win a credit of up to \$200 on your December 2018 bill.

Enter to win a
\$200
energy bill
credit!

Notice To Members Of Cherryland Electric Cooperative

Rate Change Effective April 1, 2018

Changes to Cherryland's rates will go into effect April 1. These changes include:

- \$3 increase in the residential availability charge
- \$2 increase in general service availability charges
- Adding the current PSCR charge (\$0.0094/kWh) to current energy charge (\$0.1098/kWh). The new energy charge will become \$0.1191/kWh and the PSCR charge will be set to zero. The impact of this change will be revenue neutral. Future changes to the PSCR charge will be determined by fluctuations in actual power supply costs after 2018.

Cherryland's board of directors approved these changes to the cooperative's rates at their October 2017 board meeting.

If you have questions, Cherryland's General Manager Tony Anderson will be hosting a Facebook Live Q&A on Thursday, April 19, at 12 p.m. and Thursday, May 3, at 7 p.m. You may also submit questions by email at cec@cherrylandelectric.coop.

Statement Of Non-Discrimination

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotope, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at 202-720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at 800-877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call 866-632-9992. Submit your completed form or letter to USDA by:

1. mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW Washington, D.C. 20250-9410;
2. fax: 202-690-7442; or
3. email: program.intake@usda.gov.

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Fuel Mix Report

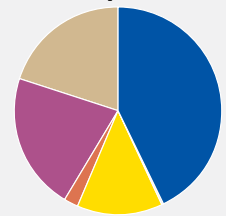
The fuel mix characteristics of Cherryland Electric Cooperative as required by Public Act 141 of 2000 for the 12-month period ending 12/31/17.

Comparison Of Fuel Sources Used

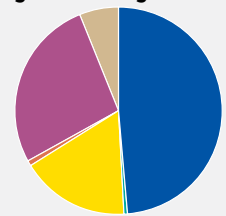
| Regional average fuel mix used | | |
|--------------------------------|-------|-------|
| Your co-op's fuel mix | | |
| Fuel Source | | |
| Coal | 42.8% | 48.8% |
| Oil | 0.3% | 0.4% |
| Gas | 13.5% | 17.0% |
| Hydroelectric | 2.2% | 0.9% |
| Nuclear | 21.3% | 26.8% |
| Renewable Fuels | 19.9% | 6.1% |
| Biofuel | 0.7% | 0.9% |
| Biomass | 0.4% | 0.5% |
| Solar | 0.3% | 0.1% |
| Solid Waste Incineration | 0.1% | 0.1% |
| Wind | 18.1% | 4.1% |
| Wood | 0.3% | 0.4% |

NOTE: Biomass above excludes wood; solid waste incineration includes landfill gas; and wind includes a long-term renewable purchase power contract in Wolverine's mix.

Your Co-op's Fuel Mix



Regional Average Fuel Mix



Emissions And Waste Comparison

| Type Of Emission/Waste | lbs/MWh | |
|--------------------------|------------|-------------------|
| | Your Co-op | Regional Average* |
| Sulfur Dioxide | 3.0 | 3.7 |
| Carbon Dioxide | 1,674 | 1,999 |
| Oxides of Nitrogen | 1.2 | 1.4 |
| High-level Nuclear Waste | 0.0066 | 0.0083 |

*Regional average information was obtained from MPSC website and is for the 12-month period ending 12/31/17. Cherryland purchases 100% of its electricity from Wolverine Power Supply Cooperative, Inc., which provided this fuel mix and environmental data.

Note: The Fuel Mix Report appearing in the March 2018 edition of *Country Lines* contained an inaccuracy and was printed in error. The above information reflects the corrected report.

I Remember...



Photos courtesy of Joanne Sobeck

The Nahma Airport

My mother Alice one day not long ago told me about a ride she took on a single-engine plane as a young girl. Born in 1920 she grew up in Nahma on Big Bay de Noc with her seven siblings. She said that Pup Ranguette had a plane at the Nahma airport. "What? There was an airport in Nahma?" She smiled and explained that it was west of Nahma on the shoreline running parallel to the road going out to St. Jacques. Having spent my youth in Nahma, I never saw any airport or beach; it was an area covered with water and weeds everywhere.

Later that summer we visited my mother's brother and wife, George and Ruthann Ritter, in Nahma. I asked my Uncle George about the airport and he took my mom, myself, and my two young sons onto a two-rut road. We made our way to an expansive beach on the shores of Lake Michigan. My uncle showed me the cement grooves that held the airport hangar doors. More impressive were the large boulders still visible, yet in disarray, spelling out NAHMA in 15x10-foot letters signaling to early planes where to land. I said to my mom, "I've never seen this beach before." She tapped me with the back of her hand and said, "You haven't lived long enough," educating me to the cycle of the big lake and life.

Joanne Sobeck, Alger Delta

The Red Farmhouse History

It was the day we pulled into the driveway and I told my husband "this is it" before we even got out of the car. It's that feeling you get when you know something is meant to be. That day, 15 years ago, the red farmhouse on Valley Road spoke to me and became ours.

I'm continually reminded of our responsibility not only to the house but the integrity of the land and its history. The original owners homesteaded and farmed the land in Potato Soup Valley more than 100 years ago. Over the years, history became more apparent and appreciated. One summer afternoon, a woman and her elderly mother pulled into the driveway. The older woman had grown up in the house and wanted to see it again. A few years later, extended families of the elderly woman who had stopped by a few summers earlier also came to visit the farmhouse.

I remember the countless times we've been snowed in and can't imagine being anywhere else. The first time our daughter ran across the field into the setting sun was so joyful. We even planted a time capsule so that 50 years from now, future generations can recall and appreciate the history that continues to be made in this magical place.

Heather Carmona, Great Lakes Energy



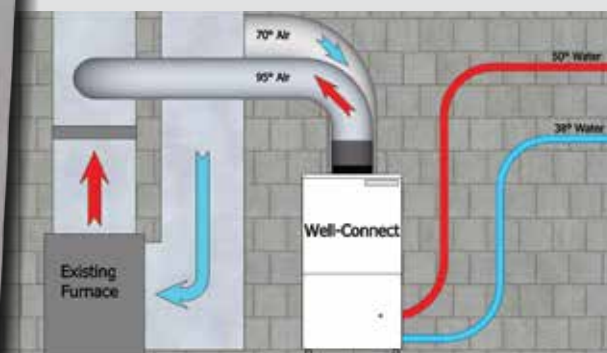
Photo courtesy of Heather Carmona

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— Jack and Marsha Frost,
Fountain, MI



VIDEO: How It Works
wellconnectsaves.com

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