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# July/August 2014 Vol. 34, No. 7

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**Publisher** 

# Michigan Electric Cooperative Association

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# Ciesa Design

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Association officers are **Ken Swope**, Midwest Energy, chairman; **Robert Schallip**, Cloverland, 1st vice chairman; **Jon Zickert**, Cherryland, 2nd vice chairman; **Eric Baker**, Wolverine Power, secretary-treasurer; and **Tony Anderson**, Cherryland, past chairman. **Craig Borr** is president and CEO.

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**Change of Address:** Please notify your electric cooperative. See page 4 for contact information.





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Photo—Touchstone Energy



**OUR ENERGY** 





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# **ON THE COVER\***

Jack Barnwell and his crew are responsible for creating many of Mackinac Island's wonderful gardens and landscaping layouts. And, it's accomplished without motorized vehicles.

Photo—Ian Smithers

\*Some co-op editions have a different cover.



Michigan's Electric Cooperatives countrylines.com



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**Debbie Miles,** General Manager **Donna Siren,** Billing Clerk

# OTHER INFORMATION

Date of Incorporation: Sept. 30, 1937 Fiscal year-end: Dec. 31 countrylines.com/coops/ontonagon

# Help Your Co-op Keep Power Costs From Rising!



**Debbie Miles**General Manager

**our electric co-op**—the Ontonagon County REA—is faced with possible higher power costs in the future.

Currently, Michigan law allows large industrial customers to shop for cheaper power supply. There is a 10 percent cap on the amount of customer load that can leave a system. This cap is important because utilities invest large amounts of money and spend years constructing the power plants and transmission lines necessary to serve them well into the future. But when a customer chooses an

alternative energy provider, the remaining customers still have to pay for those investments that are no longer needed.

In 2008, the law was modified so that U.P. mining operations could take their entire load to an alternative supplier. Consequently, in 2013 Wisconsin Electric lost it's mining load in the western U.P., plus the 10 percent cap. Over 85 percent of their load left for lower energy costs. Without that load, the Presque Isle Power Plant (PIPP), the U.P.'s only large power plant, was no longer needed. Wisconsin Electric announced that they would close the PIPP, which is located in Marquette, because it would save about \$55 million.

Meanwhile, the Midcontinent Independent System Operator (MISO), which runs the electrical transmission system in Michigan and the Midwest, has determined that the Presque Isle Power Plant is needed for system reliability, so MISO will pay Wisconsin Electric \$55 million each year to operate the plant until another solution is found. Solutions could be new transmission lines (\$500 million to \$700 million) from Wisconsin to Marquette, or a new natural gas-fired power plant costing about \$400 million. Transmission takes about 10 years to build, and a new fossil-fired plant will take at least four to five years.

The current split on the \$55 million needed to keep the plant open is 8 percent for the U.P. and 92 percent for Wisconsin. This split has been used since 2000 to pay for transmission upgrades throughout both Michigan and Wisconsin. However, Wisconsin is now crying foul and wants to change the split so that the U.P. pays 60 percent. The case has moved to the federal level, with both sides engaged. If the change is approved, the impact on your electric co-op would be about \$20,000 to \$30,000 annually.

We need your help to keep your co-op's power supply costs—and therefore your electric rates—from rising. Please contact the Federal Energy Regulatory Commission (FERC) at customer@ferc.gov or 866-208-3372 (reference Docket EL13-34). Tell FERC not to change the ATC (American Transmission Co.) tariff. ■



The co-op office will be closed for the **LABOR DAY** holiday, Monday, Sept. 1, 2014. Please call 1-800-562-7128 to report an outage.

May you have a fun and safe summer, and get full enjoyment from this great season!

# Koski, List Elected to Co-op Board, Bylaws Changes Passed

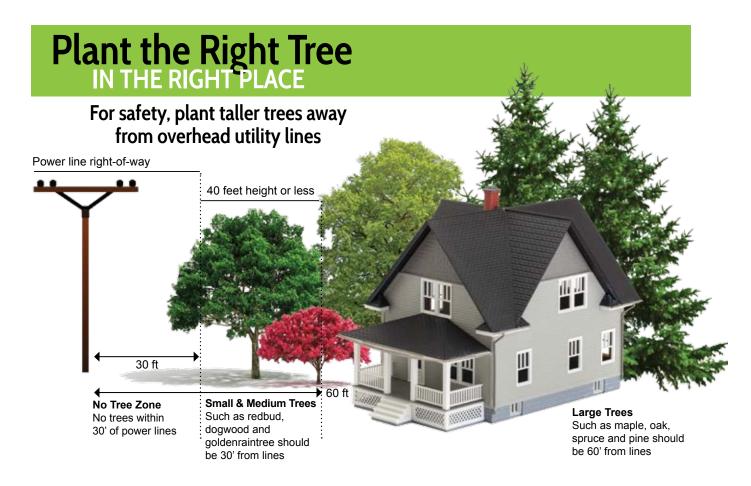
uly is the time we celebrate our nation's independence. In the midst of apple pies and hot dogs, fireworks shows and parades, your electric co-op also recalls the independent streak that inspired farmers from all across America to band together and improve their quality of life. They did so by forming electric co-ops to bring electricity to the rural countryside.

Aside from President Franklin Roosevelt's promise of federal aid in the form of low-interest loans and engineering expertise, these rural Americans didn't have much help in bringing electricity to their homes. They pulled themselves up by their proverbial bootstraps and did it themselves. This independence still inspires electric cooperatives, and it is, in fact, one of their seven "guiding principles." It's the Fourth Cooperative Principle, "Autonomy and Independence," and it means that no matter what contracts Ontonagon County REA might enter into, it will always remain an independent entity. And, it's customers are also its members and owners.

Each year, Ontonagon County REA's annual meeting becomes an independence celebration, too. You vote for candidates on the board of directors, and we discuss co-op business. We share a meal and have some fun visiting with neighbors and friends. On June 21 of this year, we did just that when nearly 100 Ontonagon County REA member-owners and their families (56 voting members) attended our annual meeting in Chassell, where the following board members were seated: Paul Koski, who represents the Ewen/Trout Creek District and ran unopposed; and Thomas List unseated incumbent David Anderson by a vote of 55 to 69.

At this year's annual meeting, co-op members also passed by three votes the proposed bylaws changes recommended by the board of directors (see center insert in May/June issue of *Country Lines*).

Any Ontonagon County REA member-owner may run for the board in the district in which they reside, which assures local control. ■





# PACK A PERFECT PICNIC

Pack the perfect picnic basket with these make-ahead, portable creations.

# Black Bean, Tomato & Mozzarella Salad

1 can black beans, drained and rinsed

1–2 green onions, chopped, include greens

½ c. cilantro, roughly chopped

½ c. finely chopped celery

1 pt. grape tomatoes, halved

1/2 c. mozzarella cheese, cut in small cubes

zest of one lime

3 T. or more lime juice

1 T. lemon juice

3 T. olive oil

½ t. sugar, or to taste

Optional—avocado slices

In a glass bowl, combine beans, onion, cilantro, celery, tomatoes and mozzarella.

Whisk together zest of lime, lime juice, lemon juice, olive oil and sugar. Pour lime/lemon dressing over the ingredients and mix gently. Refrigerate at least 2 hours before serving. Add avocado just before serving. This salad is very colorful and easy to take on a picnic. Everyone who tastes it wants the recipe.

Barbara Steele, Charlevoix

# **Old-Fashioned Coney Dog Sauce**

1 lb. ground beef, browned and drained

1 c. ketchup

2 c. chopped onion

½ c. dark corn syrup

1/4 c. brown mustard

2 T. vinegar

1 T. chili powder

Simmer all ingredients in saucepan, stirring occasionally. Serve over hot dogs.

Tommie Schmidt, Union

# **Banana Cupcakes**

2 c. flour

2 ½ t. baking powder

½ t. baking soda

½ t. salt

½ c. shortening

1 1/4 c. sugar

1 t. vanilla

2 eggs

 $1 \frac{1}{2}$  c. mashed ripe bananas

Sift together flour, baking powder, baking soda and salt. Cream shortening. Slowly add the sugar while still beating the shortening. Add vanilla and eggs and continue beating for a total of 2 minutes. Add mashed bananas while alternating with the flour mixture. Beat 1 more minute. Bake at 375° in 18 cupcake lined pans for 25 mins. or till done. Cool. Frost with your favorite frosting.

Mary Jean Troyer, Fairview

# **SUBMIT YOUR RECIPE!**

Thanks to all who send in recipes. Please send in your favorite "Best Original" recipes by **Aug. 10**.

Mail (handwritten or typed on one side, please) to: *Country Lines* Recipes, 2859 W. Jolly Rd., Okemos, MI 48864; or email recipes@countrylines.com.

Contributors whose recipes we print in 2014 will be entered in a drawing and *Country Lines* will pay the winner's January 2015 electric bill (up to \$200)!

Find more of our readers' recipes at **countrylines.com** 

Photos—831 Creative

# **Energy-Saving Tips for Manufactured Homes**

**f you own a manufactured home** (formerly called mobile homes), you may feel like the only option you have to make it more energy efficient is to replace incandescent lightbulbs with CFLs or LEDs. In fact, there are many actions you can take that will save energy for years to come. Following are four areas where you can increase efficiency and comfort. If you are mechanically able, you can perform many of the tasks yourself. If not, contact your nearest professional for assistance.

# 1. FURNACE

Make sure the furnace is safe and burns fuel efficiently. Clean your fueloil furnace every year; gas-fired furnaces every two to three years. Hire a contractor with a good track record on manufactured homes and check company references.

For the highest energy savings, replace the old unit with a high-efficiency condensing furnace. The extra cost can be offset within the first few years of operation. It is essential to seal all ceiling gaps or cracks above the furnace with caulk and sheetrock (Fig. 1).

# 2. DISTRIBUTION SYSTEM

Once the furnace is in top order, ensure that the heat and AC can be freely delivered to all rooms without restrictions or duct leakage. Clean or replace the filter to assure good air-flow through the furnace; replace all registers that are flattened; and inspect the AC evaporator coil for dust.

You can achieve *major* savings by sealing holes and gaps in the ductwork, but first you must find the leaks! Remove the registers and look for gaps at the boot and trunk. Then, use a flashlight and mirror to inspect ducts, if accessible. Use a high quality aluminum or butyl tape to seal gaps once you have cleaned the surfaces (see how-to resources below).

# 3. UNDER YOUR HOUSE

The road barrier on your home's underside should be intact to ensure that it is retaining heat. When entering the crawl space, lay down plastic or cardboard. Start under the furnace and water heater, where damage usually starts. Patch any holes on the outer edges using ½-inch foil-faced foam board. Large holes between the I-beams require a "sling-patch" made of 1x2 boards and air-barrier material, such as TYVEK® (Fig. 2). Before patching, seal any duct leaks and install insulation where possible, especially under the ductwork, using the widest material available. Do not isolate the water lines from heat, or they may freeze in winter.

# 4. AIR LEAKS IN SHELL

Large holes can often be found around the tub, furnace, under sinks, and behind cove molding in newer homes. Seal these openings with spray foam, caulk, or sheetrock.

Cove molding

Some newer manufactured homes can also be retrofitted to improve energy efficiency and incorporate renewable energy technologies, such as installing a geothermal heat pump (for permanently-

sited homes), and solar water heating. Other measures to consider include spray or roll-on roof coating to reflect summer's heat.



Fig. 1—A large chimney hole is a huge energy loser. It can be sealed with sheetrock, then caulked air-tight.



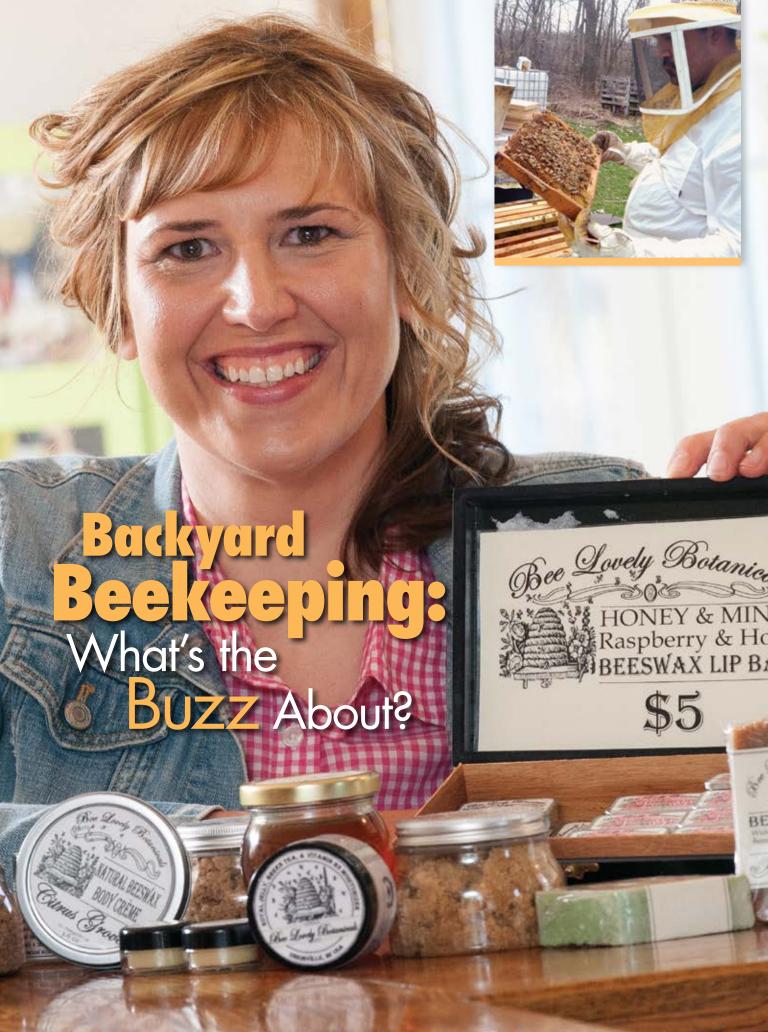
Fig. 2—Underneath the home, a "slingpatch" can be screwed into the inner side of the I-beam. It stretches to the other I-beam and holds insulation under the ductwork in place.

Photos—Wisconsin Energy Conservation Corp.

# Other Resources

Visit http://energysavings. togetherwesave.com/Manufactured-Housing for a handy graphic that shows a full list of areas where you can make energy-saving improvements. Find other resources at YOUTUBE.com: Sealing ductwork in a mobile home; http://energy. gov/energysaver/articles/energyefficient-manufactured-homes; and a book, "Your Mobile Home: Energy and Repair Guide for Manufactured Housing" (John Krigger).

And, installing CFLs, LEDs and using other energy efficiency tips that work for any home, really do help, too!





sk most people what bees contribute to the world and they'll name three things: honey, wax and stings.

Put the question to Josh and Jodie

Kieliszewski and you'll get a longer list: soap, body creams, ointments, lip balms...

Another unusual fact about the Kieliszewskis: While describing the wild swarm of bees that set up housekeeping in a hollow maple tree near their home in 2007, they call it a "blessing."

One person's threat is another's opportunity. The swarm might have caused the average person to summon a pest control company. Josh and Jodie, who share an interest in the natural world, found the bees fascinating.

"We saw intelligence...a social structure," Jodie says.

The swarm moved on, but not before the Kieliszewskis were bitten by the beekeeping bug—a passion that eventually became Bee Lovely Botanicals, LLC (beelovelybotanicals.com)—a home-based business offering handmade, all natural bee-related products sold at Michigan farmers markets and on the internet.

Honeybees have taken a beating in recent years. Colony Collapse Disorder—the result, experts believe, of pesticide overuse, has forced many commercial beekeepers out of business. This is an agricultural crisis because honeybees are essential for pollinating crops like apples, blueberries and cucumbers, and the U.S. Department of Agriculture (USDA) notes that one-third of the food we eat is pollinated by bees.

Recognizing the importance of honeybees in our food supply, the USDA will, according to the *Associated Press*, pay farmers and ranchers in Michigan, Minnesota, Wisconsin and North and South Dakota to reseed pastures with clover,

"Publicity surrounding Colony Collapse Disorder has ignited interest in honeybees and backyard beekeepers, like the Kieliszewskis, are stepping up to fill the gap."

alfalfa and other plants that attract bees. Publicity surrounding Colony Collapse Disorder has ignited interest in honeybees, and backyard beekeepers like the Kieliszewskis, are stepping up to fill the gap.

Josh and Jodie live in Unionville, Mich., with their three sons, where they are members of Thumb Electric Cooperative. A certified athletic trainer, Jodie now divides her time between her boys and the family business. Josh, a fisheries and wildlife biologist, is a quality-control scientist in his day job, but beekeeping, he says, has transcended from a hobby to a second job.

Not that he's complaining. "It's all fun; it's not really work," he explains.

The business, however, is not without setbacks. This winter's extreme cold took a heavy toll on the Kieliszewskis' bees, with only five out of 40 hives surviving. An average hive holds 60,000–70,000 bees



at its peak occupancy. But the heavy losses won't stop the Kieliszewskis—they switched to a hardier breed called the Carnolian honeybee.

The Kieliszewskis pride themselves on keeping their operation friendly—to their bees, the environment, and the people who use their products.

"We do a lot of research, and are really careful about our ingredients," Jodie says. "We personally use all the things we make."

They also resist using chemicals on their hives—even if it means taking bigger losses in harsh weather.

Josh says that he's been stung "a time or two"— especially in the beginning, when he didn't own the proper gear. His dark hair doesn't help. Bees, he explains, equate the color black with bears and other predators.

Jodie casually mentions the time a swarm chased her 300 feet, and stung her 20–30 times. Bees, she says, have different personalities, and this swarm was particularly ornery.

Naturally, the Kieliszewskis know something about bee sting remedies—both conventional and unusual—noting they have "tried almost every bee sting remedy known to man." Jodie likes meat tenderizer, while Josh prefers a remedy that's free and always available: spit. It has enzymes, he says, that break down the venom. ■

- John Schneider

# Jack Barnwell Is Mackinac's Master Gardener

ackinac Island has been getting a facelift. It's the kind that requires rakes and shovels, because it's a facelift in flowers and plants.

Barnwell Landscape & Garden Services has been designing and planting picturesque gardens for six years—with boatloads of colorful flowers—around Mackinac's stately Victorian homes and historic businesses. Jack Barnwell and his crew are painting the island, which is served by Cloverland Electric Cooperative, with a fabulous array of dazzling petunias, sweet-smelling alyssum, and gorgeous larkspur, to name a few.

"We've more or less created what has become the 'Mackinac Island look," says Barnwell, who spends much of the winter coming up with new designs for over 130 island clients.

It seems Islanders didn't know they needed Barnwell's services until he started sprucing things up. Now, he says people can't wait to get their landscaping done as early as possible. This creates a crunch for his crew who must rely on boats, bikes, horse-drawn buggies and strong backs to tote their plants and tools because motorized vehicles aren't allowed on the island (except for emergency vehicles and snowmobiles).













Photos—Mike Lanzetta

It all starts before the sun comes up over Lake Huron. "The boats arrive at 3 a.m. with annual flowers," Barnwell says. "We'll get the hanging baskets up downtown before it gets busy with tourists." The remainder are bedding plants that must go directly into the ground. This all has to happen as soon as the weather starts getting nice, including accepting the delivery of six semi-trailer loads, brought over by Shepler's Mackinac Island Ferry. "We have trusted them with hundreds of unique loads," says Barnwell, whose company also plants trees, installs irrigation, and does stone work.

Dealing with the spring demand can be a challenge. "It's such a short season to make their money," he explains of the businesses he caters to. "My clients depend on it (the flowers) so much for their image."

Barnwell relies on 12 workers to get the job done without pickup trucks, loaders and skid steers. They make it all work with horses, oversized bike baskets, trailers attached to bikes, and ancient ingenuity.

"I often tell my crew to 'think like an Egyptian,""
Barnwell adds, "because all these concepts are not new.
Many were used for 1,000 years to build some amazing structures, some which are still standing today." For the heavier work, they've retrofitted standard ball carts (meaning the root ball of very large trees), used to move large trees and boulders, into three-wheeled swiveling carts that can handle more weight over long distance with less effort.

"We also use a lot of winch and come-along setups, block-and-tackle pulley systems, and good ol' fashioned leverage," he says. "It's amazing what can be moved with the right fulcrum point."

The Barnwell crew's work is also a central feature in the Grand Garden Show, a joint venture with the Proven Winners® company, the Grand Hotel, and Barnwell Landscape. The second annual event is Aug. 24–26 (see grandgardenshow.com). ■



# 10 Simple Ways To Conserve Electricity

**n the heat of summer**, it's not uncommon for Ontonagon County REA to experience peaks of high energy use. During these peaks, we ask that you do what you can to help us conserve energy, and you'll also reduce your own energy use and costs.

- 1. Set your thermostat at the highest comfortable temperature—76 or higher—and keep it there. Each degree raised can save up to 4 percent on operating costs and help power companies keep the electricity flowing. For window air conditioners, keep them on the highest temperature setting.
- **2.** Postpone using major appliances (dryers, dishwashers) until late evening or early morning.
- **3.** Turn off all unnecessary lights and check for computers, TVs, stereos, and other appliances that may be on but aren't in use. They give off heat, which makes the air conditioner work harder.
- **4.** Close drapes and blinds on the sunny side of the house.
- **5.** Reduce the amount of space that must be cooled by closing off rooms that aren't in use. Close the

- air conditioning vents and shut the door. For window units, simply turn them off.
- **6.** Keep the door to your refrigerator and freezer closed as much as possible. An open refrigerator uses a lot more energy.
- **7.** Make sure your air conditioner filter is clean and the vents are clear of objects that block air flow.
- **8.** Use the microwave instead of an oven—it uses up to 70 percent less energy and releases far less heat.
- **9.** If your water heater is electric, limit your hot water use so the unit doesn't run as often.
- **10.** Use fans to keep air moving. Ceiling fans use little energy and allow you to set your air conditioner to an even higher temperature and still be comfortable.



**Myth #1:** When I'm not home, keeping my air conditioner at a lower temperature throughout the day means it doesn't have to run harder to cool my home when I return.

**FACT:** To save energy, set your thermostat to a higher temperature during the day, and lower it when you return home.

Myth #2: Closing vents on my central air conditioning system will boost efficiency.

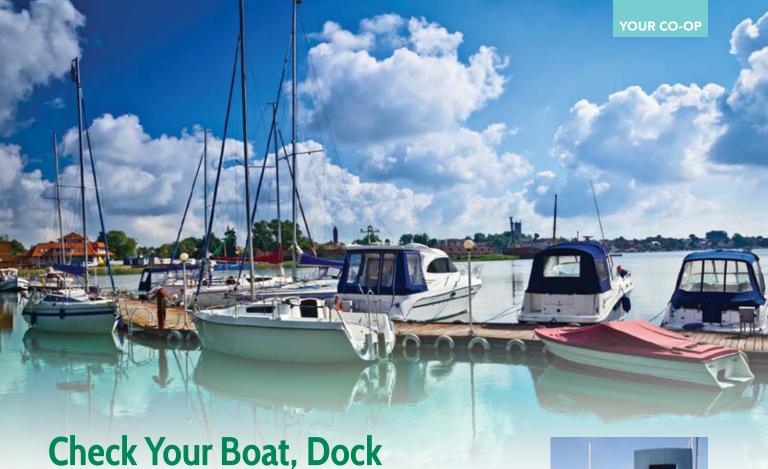
**FACT:** Closing vents can cause the compressor to cycle too frequently and the heat pump to overload. You'll also use more energy.

Myth #3: Time of day doesn't matter when it comes to running my appliances.

**FACT:** Time of day does matter when running electrical loads. For example, take advantage of the delay setting and run your dishwasher at night to avoid peak times of use and save energy.

Myth #4: Bigger is always better when it comes to cooling equipment.

FACT: Too often, cooling equipment isn't sized properly and leads to higher electric bills. A unit that's too large for your home will not cool evenly and might produce higher humidity indoors.



or water fun and safety, there are items you must legally have on your watercraft—life vests, fire extinguisher, throwable floatation device, and properly working lights—but make sure the boat

itself and the dock are safe, too!

July 2012 saw some horrific fatal accidents near boats and docks. A 20-year-old Port Huron man entered the water behind a moored boat and became disabled as he tried to climb onto the swim platform. Friends trying to pull him onboard reported getting shocks. He could not be resuscitated. An investigation confirmed voltage behind the boat, caused by an AC-to-DC fault in the battery charger that energized the underwater gear, and there was no AC-DC bonding connection. In another incident, a young woman was electrocuted by an energized dock ladder.

To help prevent such tragedies, the National Electrical Contractors Association says:

- All installations should be performed by a professional electrical contractor.
- All dock receptacles must comply with the National Electrical Code, which mandates a ground fault circuit interrupter (GFCI). A GFCI measures a circuit's current and senses any imbalance (such as a discharge into the water), which trips the GFCI and cuts off the power.
- Test a GFCI at least monthly. Locate it along the ramp to the dock so it can be easily tested by local fire departments.

- Metal dock frames should have "bonding jumpers" that connect all metal parts to an on-shore grounding rod. This means any dock part that becomes energized by electrical malfunction will trip the GFCI or circuit breaker.
- Ask neighbors if their dock electrical systems have been inspected and are up to Code.
- Household wire is not suitable for boats.
- *Do not* use wire nuts (these are for solid conductor wire, which should never be on a boat) or splice connectors (can cut wire strands)!
- Fuses are rated to protect the wire, not the stereo. If a fuse blows continuously, something else is wrong.
- If you rent a dock or boat, notify the owner of safety violations immediately.
- Have your boat's system (especially with onboard generators) checked at least annually, and when something is added or removed.
- Ropes, string, masts and rigging also conduct electricity—don't be the common ground between water and electricity! See SafeElectricity.org for more tips.

# Summer Thrills

ummer means "vacation" to many, and memories of family road trips along with the familiar mantra Mom and Dad grew weary of hearing: "Are we there yet?" I remember traveling to the Detroit Zoo and the Henry Ford Museum and Greenfield Village back in the '60s when speed limits were more of a suggestion than law. Dad was known to occasionally hit 100 mph—a great thrill for a young lad!

Today, I still enjoy a thrilling ride with my family while taking in some of the most panoramic Lake Michigan views, thanks to Mac Wood's Dune Rides in Mears.

A fourth generation family business that's served by Great Lakes Energy Cooperative, Mac Wood's began operating in 1930 when Mac started looking for ways to entertain guests at a nearby resort he managed. Mac built the first four-passenger 'dune scooter' from a Model A Ford and charged 25 cents per ride.

Things were less restricted back then and like my Dad, with Mac behind the wheel, many described the trips as 'thrill rides.' Mac's granddaughter, Shelby Olson, describes it as a time when "there were no rules. It was a go-anywhere, full-speed fun ride."

Though times have changed, the dune rides are just as exciting today (open until Oct. 5—see macwoodsdunerides.com) as they were 84 years ago. Between climbs and descents through some of the most beautiful dunes in the state, you'll stop along the way to enjoy views of Lake Michigan and Silver Lake while learning about the ecology of the dunes.

Today's dune scooters seat more folks more comfortably (your backside will appreciate it!) so bring a few friends along for the ride.

Working every summer since she was a child, Shelby emphasizes that the dune rides are still all about family, friends and fun. "Visiting Mac Wood's is a unique experience that everyone in the family can enjoy from babies to grandparents!" She also says that many former guests are now bringing their kids and grandkids to ride, commenting about riding the dunes "when they were little." Ah, those family memories. You gotta love 'em.

There is plenty of time left to enjoy a Pure Michigan summer. Comb the shores for beach glass, dip your toes

> in one of our Great Lakes, or simply soak up the sunshine.

Family memories await just over the next dune! All you need is a map and the spirit of adventure.

Share a story idea with Jack by email to: jack@countrylines.com or write J. O'Malley, 2859 W. Jolly Rd., Okemos, MI 48864.



Jack O'Malley

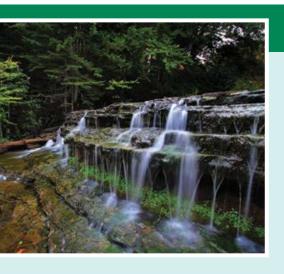
# Deer Blind Contest: The Hunt Is On!

If you think yours is the best Michigan deer blind, enter our Country Lines Deer Blind Contest by Aug. 15.

Categories for entering a photo of your blind are: Most tricked-out; Best story behind it; and Most interestingly-engineered. Enter at countrylines.com or mail it to CL Deer Blind Contest, 2859 W. Jolly Road,



Okemos, MI 48864. Include your name, contact information, and a description of what makes it great. Winners will receive a \$50 credit on their co-op electric bill and have a photo of their blind published in Country Lines.



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Every co-op member who identifies the correct location of the photo at left by Aug. 10 will be entered in a drawing for a \$50 credit for electricity from their electric co-op.

We do not accept Mystery Photo guesses by phone. Enter your guess at countrylines.com; or send by mail to Country Lines Mystery Photo, 2859 W. Jolly Rd., Okemos, 48864. Include your name, address, phone number and the name of your co-op. Only

those sending complete information will be entered in the drawing. The winner will be announced in the Sept. 2014 issue.

The May contest winner is Luke Bourne, a Great Lakes Energy Cooperative



member from LeRoy, who correctly identified the photo as the LeRoy Hardware store.





How a Co-op Works For You.



Your electric cooperative is a special organization. Instead of out-of-town stockholders, we're owned by the people we serve. Instead of sending money out of town, we give back to the communities we serve. Most important, our consumers are our source of power and direction. You see, we're not just your electric service. We're your friends and neighbors. From the lineworkers to the board of directors. That's why all of us here at your electric co-op work so hard to deliver the best and most affordable electric service possible. We know that we can't deliver electricity without getting the power from you.

# **ONTONAGON COUNTY REA**