P.O. Box 360, 14935 U.S. Highway 36, Norton, KS 67654 785-877-3323 or 800-577-3323 www.prairielandelectric.com

NEWS

PRAIRIE LAND ELECTRIC COOPERATIVE

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Call 800-577-3323 to report outages and other power line issues.



Energy Efficiency in Your Home

Energy Efficiency continues to be a major factor in home design, and will continue to be, experts say.

"Energy efficiency has so many benefits that go beyond just paying the bills," explained Todd Abercrombie, owner of Midwest Building Performance in Peoria, Illinois. "It helps make the house more comfortable, provides more even temperatures and has a lot of societal benefits as well."

To accomplish energy conservation, contractors and consumers take a variety of approaches.

"We are all looking for higher efficiency appliances, using LED lighting throughout homes and implementing water-saving features as well as tankless water heaters so that homeowners don't have to pay to keep a big tank of water hot all of the time," said Andrew Brindley, a home builder from Indianapolis.

"People want better windows, better insulation, better roofs. We are doing two-by-six walls all of the time now. They want very efficient furnaces and air conditioner systems and even want zone systems on their units to control the temperature in different rooms, so that a room that may not be used all of the time is not heated or cooled as much as rooms which are utilized more often," added Donna Youngquist of R&D Custom Homes in Lincoln, Nebraska.

Often, especially in remodels, the goal is not necessarily about saving money, said Carl Kuchar of Woodchukar Carpentry in Payette, Idaho. "Sometimes, residents will just want to get their homes tightened up so that they are easier to heat and cool. It's a comfort thing, not always something they approach from a return-on-investment angle," he said.

Abercrombie said energy efficiency is multifaceted. "Energy efficiency upgrades go beyond just what you would see on your utility bills," he said. "There are a lot of unintended benefits that can happen when you improve

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SAFETY TIP

While life jackets are essential to prevent drowning, only knowledge prevents electric shock drowning. Do not swim near electric-powered marinas, docks and boats.



McKenna Completes 40 Years of Service

BRIAN MCKENNA started his career with the Norton-Decatur Electric Cooperative on June 1, 1983, as an apprentice lineworker on the construction crew in Norton.

In 1987, he advanced to lead lineworker and in 1993, he became the crew foreman for the Norton area. He was promoted to foreman in 2002, the position he currently holds with Prairie Land Electric. "Interacting with members is definitely the best part of my job," McKenna said.

McKenna and his wife, Jennifer, have four sons. He is also the proud grandpa of three granddaughters and six grandsons. In his spare time, he enjoys hunting, farming and spending time with family.



Brian McKenna 40 Years

Congratulations to Our Employees' Graduates



Concordia High School (from left): Member Service Representative Jamie LeDuc with her daughter, Sarah Blochlinger; and Reece Knox with his dad, Journeyman Lineworker Matt Knox.



Northern Valley High School (from left): Member Service Representative Stacy Whitney with her daughter, Stephanie Whitney; and Kai Cox with his mom, Billing Clerk Ann Cox.



Rawlins County High School: St. Francis Foreman Dave Tiemeyer (left), with his daughter, Jordyn Tiemeyer.



Norton Community High School (from left): Avery Stark with his mom, Director of Finance Alisha Stark; Administration Specialist Monica Kats with her daughter, Ellie Kats; Lauryn Schumaker with her dad, Director of Technical Services Shane Schumaker; Garrett Urban with his dad, Metering and Apparatus Assistant Dominic Urban; and Heath Simmons with his dad, HVAC Technician Nathan Simmons.

Energy Efficiency in Your Home Continued from page 12A

the efficiency of a home. For instance, moisture management, prevention of mold, improvement of indoor air quality and more."

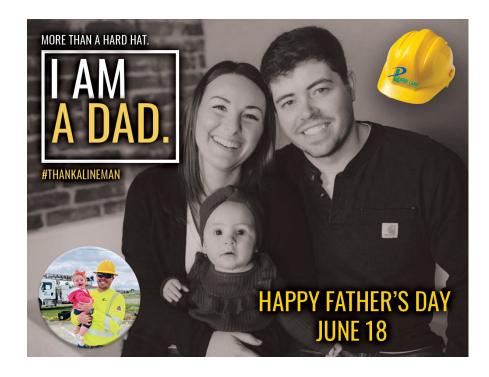
To make any residence — new construction or existing home — more energy-efficient, he suggests a full energy audit which looks at a variety of factors that unnecessarily cost consumers money. "It looks at the big picture and analyzes things such as insulation in the attic and walls to pinpoint all of the various gaps and cracks that might need to be sealed," Abercrombie explained. "It's helpful to have diagnostic equipment such as a blower door and infrared cameras."

Additionally, an audit will look at heating and cooling systems as well as other systems including lighting, appliances and electronics.

He added that energy efficiency needs to be kept in mind even during new construction. "I've done blower door tests even before insulation is installed to make sure we're getting things right; there are certain things you just cannot get to after the house is buttoned up with drywall, windows and doors."

Abercrombie said energy efficiency is all about paying attention to details. "We're not looking at adding products that would not already be in the scope of the new construction," he explained. "While sometimes it is about product selection, it is more about how things are installed and not missing other factors which often get missed during the rush to construct a home."

One place that often gets overlooked when it comes to efficiency is insulation in the ceiling of the home. "Leaky ceiling syndrome," he calls it. "Often when builders think of building an efficient house, they think about what they can do to make the walls more airtight, whether it is with house wrap or weather resistant barriers or spray foam, but they often ignore the ceiling plane — the area between the ceiling and the attic that doesn't get sealed as well as it should. It's the most important boundary in the home and we have more leakage there than we do in the walls," he said.





More than 72% of lightning fatalities occur from June through August.

From 2006 through 2021

- 446 people were struck and killed by lightning in the U.S.
- Nearly two-thirds of the deaths happened while people were enjoying outdoor leisure activities such as fishing, camping and running.

June, July and August are the peak months for lightning across the U.S.

- More than 72% of lightning deaths occurred in these months.
- Fridays, Saturdays and Sundays having slightly more deaths than any other day of the week.

Lightning often strikes away from heavy rain; it can happen up to 10 miles away from rainfall. TO PREVENT LIGHTNING-RELATED TRAGEDIES, WHEN THUNDER ROARS, GO INDOORS.

SOURCE: NATIONAL LIGHTNING SAFETY COUNCIL

SWIMMING POOL SAFETY WORD SEARCH

Water and electricity never mix. Always practice safety when you're near or in the swimming pool this summer. Read the following safety tips, then find and circle the **bolded** words in the puzzle below.



Never bring electrical **devices** near a swimming pool. **Electrical** devices that come in contact with **water** can cause electric shock.

When possible, use **battery**-operated devices when **outdoors** near a swimming pool.

Outdoor electrical **outlets** should be **dry** or covered.

If you hear thunder, immediately exit the swimming **pool**. Thunderstorms and lightning may be near.

