

# CURRENT FLASHES

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## THANK YOU!

Cedar-Knox PPD would like to thank everyone who was able to attend our customer appreciation events. It was a great week of celebrating 85 years of service and public power month. We enjoyed being out in the communities we serve and having engaging conversations and fellowship with over 250 attendees. We know it was a busy time of year with harvest, school activities, and much more.

We appreciated the opportunity to educate and inform on the NPPD Ford Lightening pickup and the CKPPD Chevrolet Bolt electric vehicles. As with buying any large item, there are many pros and cons to consider before making a purchase. We also enjoyed discussing the many billing services we offer, promoting energy efficiency rebates, and answering operations questions. It truly was a wonderful week of events!



**Congratulations to the winners of the \$25 bill credits:**

Location	Winner
Wausa	Kathy Fiscus
Wynot	Carrie Heine
Crofton	Mike Mueller
Coleridge	Marti Nordby
CKPPD Office	Phyllis Meier



# WHAT IS IT?

The picture in this month's "What is it?" is a capacitor. The three rectangular shaped items near the bottom of the picture are the capacitors. Capacitors are a power factor correction device that helps keep the amperage down and the voltage up, generally during heavy loading times. Large inductive loads introduce reactance, or opposition, onto the line where the current begins to lag behind the voltage creating "lagging" amperage or poor power factor. Without capacitors on the line, we would need to upgrade infrastructure with larger transformers, wire, and additional substations to maintain adequate system voltage. That is also why we require irrigation, bins, and large motors typically 25 HP and larger to have a capacitor on their service. Capacitors are just one of many things that help our lines be efficient and to provide better power quality to our customers.



HAPPY  
**VETERANS DAY**  
★ HONORING ALL WHO SERVED ★

The CKPPD Office will be closed  
on November 11th



We are  
**THANKFUL**  
for you!

Happy Thanksgiving. We are thankful for the opportunity to serve you. Have a safe and blessed holiday.

Our office will be closed on Thursday, November 24th & Friday, November 25th.

## ATTENTION IRRIGATORS

Please remember to shut your disconnect off for the season. This is not only a good safety precaution, but helps to protect your equipment from any possible electrical surge due to a storm or equipment failure. It additionally helps to avoid any potential load usage you may be unaware of.

## Preventing Home Electrical Fires

Fire departments respond to an average of **46,700** home fires each year caused by electrical failure or malfunction.

According to the National Fire Protection Association (NFPA):  
**Over a recent 4-year period...**

**30%**  
happened in cold weather months (Nov. – Feb.)

**Fires caused**  
an estimated average of:  
**390 Deaths**  
**1,070 Injuries**

**1** Wiring and related equipment were involved in the **greatest number of home electrical fires.**

Lighting, a lamp or a bulb was involved in the **second largest number of fires.**

## Congratulations

**Jeff Feilmeier** has achieved the 10-year milestone as a Cedar-Knox PPD employee. Jeff began at CKPPD as a summer intern during his college studies. He was then hired in 2012 as a full-time Apprentice Lineman. After completion of his Merchant Training, he was promoted to Journeyman Lineman.

Jeff enjoys working with all the good people at Cedar-Knox. We all appreciate Jeff and look forward to having him around for many years to come! Jeff & his wife, Taylor, live just outside of Hartington with their kids: Jordy, Summer, and soon-to-be new baby. When Jeff isn't at work, he enjoys spending time with his children and farming with his brothers.

**10 Years**

### WARNING SIGNS of electrical issues:

Damaged cords and flickering lights

Discolored outlets and switch plates

Frequently tripped circuit breakers or blown fuses

Hire a licensed contractor to ensure that your home's wiring is **installed to code** and functioning properly. Learn more at:

**Safe Electricity.org**

Source: NFPA's Electrical Fires Report, 2022