

# CURRENT NEWS



## What's Happening



**JULY 4**

Offices closed for the Fourth of July



**JULY 30**

Operation Round Up grant application deadline

Our next Operation Round Up grant application deadline is July 30. Visit our website for more information and to apply.

## In case you missed it...

### **Caron retires after decades of service**

After 36 years of service, Jerry Caron has decided to retire from the Slope Electric Board of Directors following the Annual Meeting. Read more about Caron's years of service on C1-2 in our local pages.

### **SmartHub tools and tips**

Life is busy and we want to help you streamline paying your electric bill by managing your account anytime, anywhere with SmartHub. Read more about SmartHub on C6 of our local pages.

### **Medora discounts available**

As a Touchstone Energy® member, we are able to offer our members discounts in Medora! Use the code "TOUCH2025" for a 15% discount on various activities and lodging during any night of the season. See details on C8 in our local pages.

**Read these stories and more in this month's issue of *North Dakota Living*.**

# WHAT'S ON THAT POLE?

## Primary Wires

Primary wires carry 7,200 volts of electricity from a substation. That voltage is 60 times higher than the voltage that runs through your home's electrical outlets.

## Insulators

Insulators prevent energized wires from contacting each other or the pole.

## Surge arrestors

These protect the transformer from lightning strikes.

## Neutral Wire

The neutral wire acts as a line back to the substation and is tied to the ground, balancing the electricity on the system.

## Secondary service drop

Carries 120/240-volts of electricity to members' homes. It has two "hot" wires from the transformer and a bare "neutral" wire that's connected to the ground wire on the pole.

## Ground wire

The ground wire connects to the neutral wire to complete the circuit inside the transformer. It also directs electricity from lightning safely into the earth.

**NEVER NAIL POSTERS OR OTHER ITEMS TO UTILITY POLES. THESE CREATE A SAFETY HAZARD FOR LINEWORKERS.**

