



Chimney Rock News



Choice is Local Control

www.crppd.com

July, 2016

CRPPD Memos - by Ron Hubbard, Line Foreman

Dear Consumer,

Flip the switch, the light comes on and the room is filled with a warm and cozy glow. Electricity has become so integrated into our everyday lives that we hardly ever give it a second thought until we flip the switch and – it doesn't come on!

So, where does electricity come from and how does it get to our homes and businesses?

Electricity is produced in a variety of ways. Hydro, coal, natural gas and nuclear are some of the more common power sources to produce electricity. Recently, solar and wind farms have added to the production of electricity. The power plant is the starting point for the path electricity takes to get to your light switch.

Regardless of the power source to produce electricity, when the generator turns, electricity needs a pathway to reach your light switch. The next phase of this journey is the transmission system. Electrical current is sent through transformers to increase voltage to push the power over long distances. High voltage power lines can be seen in local communities and across the county.

When the high voltage reaches our area we need to reduce that voltage down to a usable level and that is where your local power company goes to work. The distribution system brings electrical power to your home and is built and maintained by your local power company.

Transmission voltage lines in our area can be as high as 115,000 volts and each substation will have three of these lines coming into it. The high voltage is then reduced to 7,200 volt or 14,400 volt. From the substation feeder lines will run in each direction and when that line gets to your house a transformer will then reduce the voltage to the 120 volts we need to light our homes.

Many distribution lines have three phases. These lines can provide customers the ability to run three-phase motors. During a power outage when your home is off and your neighbor still has power it may be caused by only one of the three-phases being off. Single-phase loads are tapped from a three-phase line to help balance the system.

Power lines run through all different areas of this community. Some are along roadways and some are through very remote areas to bring electrical power to your homes and businesses.

2016 Scholarship Winners

Chimney Rock Public Power District and its suppliers, Basin Electric and Tri-State Generation and Transmission are proud to announce this year's scholarship winners.



AdreAnna Ernest is the winner of the \$1,000 Basin Electric scholarship. AdreAnna is the daughter of Shauna and Kurt Faessler of Bridgeport. During high school she was active in volleyball, track, and speech. She was also a member of the National Honor Society, Presbyterian Youth Group and Redington Valley 4-H Club. AdreAnna plans on attending Doane College majoring in Chemistry or Biochemistry.

Andrew Nelson of Bridgeport is a winner of a \$500 Tri-State Generation and Transmission scholarship. While in high school Andrew was involved in band, B-Club, basketball, cross country, and track. He was also a member of FFA, B-Club and National Honor Society. Andrew plans on attending the South Dakota School of Mines and major in Mechanical Engineering. Andrew is the son of Perry and Rose Nelson.



Will Frerichs is the son of Dan and Annette Frerichs of Bayard. Will is the winner of a \$500 Tri-State Generation and Transmission scholarship. During high school Will was a member of FFA and was on the football and wrestling teams. Will also participated in Nebraska High School Rodeo. He plans on attending Laramie County Community College in Cheyenne, and finish his education at the University of Wyoming in order to get his Agribusiness degree.

Cultivating Safety in Agricultural Practices

One of the most dangerous jobs in the US is farming. Among the hazards faced by farmers, farm workers, and family members is contact with electrical equipment.

There are steps farmers can take to help keep themselves, their workers, and their family safe when working around electricity. One critical part of safety around electricity is awareness. With the use of large equipment, you can easily find yourself in dangerous proximity to overhead lines. Being aware of the location of those wires by planning and evaluating your equipment route can help reduce accidents.

Farmers and farm workers are reminded to:

*Keep a 10-foot minimum distance around power lines.

*Use a spotter when moving machinery around the farm.

*Use caution when handling long items such as irrigation pipe, ladders, and rods. Coming too close to a power line can cause electricity to arc, or “jump,” to conducting material or objects.

*Be aware of increased height when loading and transporting tractors on trailer beds. Many tractors are now equipped with radios and communications systems that have very tall antennas extending from the cab that could make contact with power lines.

*Avoid raising the arms of planters, cultivators, or truck beds near power lines.

*Never attempt to raise or move a power line to clear a path.

*Remember, even non-metallic materials such as lumber, tree-limbs, tires, ropes, and hay will conduct electricity depending on dampness, dust, and dirt contamination.

Overhead electric wires are not the only source of electrical contact that can result in a serious incident. Pole guy wires, used to stabilize utility poles, are grounded. However when one of the guy wires is broken it can cause an electric current disruption. This can make those neutral wires anything but harmless. If you hit a guy wire and break it, call the utility to fix it. Do not do it yourself. When it deals with electrical poles and wires, always call the electric utility.

OUR OFFICE WILL BE CLOSED

MONDAY, JULY 4TH



Blended Chili and Macaroni

1/2 lb mushrooms
1 lb lean ground beef
1 package chili seasoning
1 can (14 ounces) beef broth
1 can (15.5 ounces) kidney beans, rinsed
1 can (6 ounces) tomato paste
1 cup medium salsa
2 cups elbow macaroni, uncooked
cheddar cheese, to taste
sour cream, to taste
cilantro, to taste

In food processor with metal blade, pulse mushrooms until finely chopped. In large saucepan, brown meat and mushrooms with chili seasoning. In another saucepan, mix broth, kidney beans, tomato paste, salsa and macaroni. Bring mixture to boil and cover. Simmer on low 15 minutes, stirring occasionally. When noodles are al dente, stir in browned meat and mushrooms. Serve topped with cheese, sour cream and cilantro.



Energy Efficiency Tip of the Month

Use small electric pans, toaster ovens or convection ovens for small meals rather than your stove or oven. A toaster or convection oven uses one-third to one-half as much energy as a full-sized oven.

Source: energy.gov

Plan for a Safe and Happy Fourth

To ensure you have the best Fourth of July possible, we would like to remind you about a few important safety tips from The American Red Cross.

Nothing says “Fourth of July” like a spectacular fireworks display! The safest way to enjoy this part of the celebration is to head to a local fireworks show. But, if you want to put on your own show at home, be sure to follow these safety tips:

- * Always follow the instructions on fireworks’ packaging and never give fireworks to small children.
- * Keep a supply of water close by as a precaution.
- * Make sure to wear protective eyewear when lighting fireworks.
- * Light only one firework at a time and never attempt to relight “a dud”.
- * Store fireworks in a cool, dry place away from children and pets.
- * Never throw or point a firework towards people, animals, vehicles, structures or flammable materials.

However you choose to celebrate Chimney Rock PPD wishes you a safe and Happy Fourth of July!

Festival of Hope Raffle

Thank you to all that supported our tv raffle for the Festival of Hope. Drawing for the tv was held on May 13th and Amber Cole was the lucky winner. A total of \$2,252.00 was raised!

**Chimney Rock
Public Power District
128 W 8th St.
P O Box 608
Bayard, NE 69334**

Board of Directors

President
Gary Kniss

Vice-President
Kevin Stuart

Secretary/Treasurer
Richard Kildow

Larry Fiscus

Travis Petersen

Stan Propp

Staff

Shauna Abbott

Chris Cox

Tina Douglas

Alvin Harimon

Ron Hubbard

DJ Kearns

Justin McAllister

Scot Ouder Kirk

Diana Reich

Brandon Wyckoff

Kande Zuber

**During normal office hours
and after hours call:**

(308) 586-1824 or

(877) 773-6300

This institution is an equal
opportunity provider and employer.