

Cornhusker Public Power District Irrigation Newsletter

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www.cornhusker-power.com

2017 | June 1 - September 15

Load management decreases power costs

Cornhusker Public Power District's load control season begins June 1, 2017 and ends September 15, 2017.

Value

It is not uncommon for Cornhusker Public Power District's system peak (KW) to be over 143,000 KW during peak irrigation time prior to entering into load control hours. Once we initiate our load management program, the number is reduced to around 70,000 - 74,000 KW. Thus the value: the lower our peak KW demand number, the less money Cornhusker Public Power District pays Nebraska Public Power District (NPPD) for purchased power.

Hours

NPPD determines hours of control each day. Cornhusker Public Power District controls according to their directive. Control hours are 9:00 a.m. to 11:00 p.m. No one should be controlled more than 12 hours during a 14-hour period.

For example, if your well is shut off at 9:00 a.m., it should be turned back on by 9:00 p.m.

NPPD only uses the 11:00 p.m. control options on the most severe loading days. Also, control until 11:00 p.m. will be rotated around the state by NPPD.

Should Sunday control be required, the maximum control would be a six hour period. There remains a maximum of 72 control hours available per week. The Sunday control does not change the weekly maximum.

Cornhusker Public Power District has several control options. Please see the rate schedule on the back. ■

95% of our irrigation customers participate in the load control program.

May 1

the last day to make
irrigation control changes
without being charged a
recording fee.
Call CPPD at 402 564 2821.

Checking control times

Radio

KZ100 at FM 100.3 following the 8:30 a.m. market report. If we know of an early release before 6:00 p.m. - 7:00 p.m., we will air it at that time.

Internet

View times at cornhusker-power.com.
Click on 'Load Control.'

Phone

1-800-955-2773, 402-564-2821

Text messaging

Text messaging is an inexpensive option for finding out load control times for the day. Cost is \$5.00* per phone number for the entire load control season. Call Cornhusker Public Power District if you are interested in using this program.

*Participants responsible for cell phone charges.



MARK YOUR FIELDS if crop spraying or applying pesticide

Our line and meter technicians called out to work on irrigation wells or electric lines do not want to enter a sprayed field. If spraying has taken place on your fields, give us a call and let us know at 402 564 2821 or 800 955 2773. It not only ensures the safety of our employees, it may expedite the time of the service call. ■

ADDING HORSE POWER

If you have added any horsepower - a grain bin or pivot - to your irrigation service, let us know. We want to make sure your service is sized correctly. Also, we want to make sure you are on the best electric rate. ■

REPORTING OUTAGES

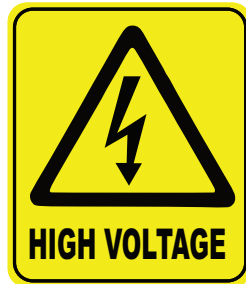
When calling Cornhusker Public Power District to report an outage, please give us the meter number. ■

SAFETY

Safety rules for irrigators

When making checks on an irrigation's electrical system, please keep in mind a possibility of electric shock does exist.

1. Look up for overhead wires when moving irrigation pipe.
2. All motor screens should be in place and checked for blockage from foreign material such as lint, dirt, or insects. Cross-ventilation of closed pump house structures should be provided with doors or louvers.
3. If belts or pulleys are exposed, they should have guards in place.
4. Doors must have positive catches to prevent closing. Keep controls out of the sun.
5. Avoid getting any portion of your body in contact with high-pressure water streams, such as the end guns on center pivots. Be careful of fast return end guns.



6. Block all electrical box unclosed openings (knockouts) to prevent rodent entry.
7. Discourage children from playing or climbing around irrigation equipment.
8. Stay away from a center pivot during an electrical storm.
9. If you suspect a short circuit due to a "tingle", do not touch the machine again. Have an electrician check the machine.
10. Bury and guard all power lines around a center pivot. Mark the area with a buried line sign.
11. Never service a center pivot without personally shutting off and locking the master disconnect switch.
12. When working on a tower or tower motor, turn off the tower control switch. If a system restart should occur and the tower switch is on, the wires you're holding will be energized. ■

PLEASE NOTE: Are you tampering or bypassing load control?

If a load control device has been tampered with or bypassed, your service will be removed from the load control program and billed at the no control rate for pre-pay and energy for the entire irrigation season regardless of when found. The customer's name on the account will be held responsible. If work is done on the customer side affecting load control, Cornhusker Public Power District must be notified. ■

Protect your motors

Cornhusker Public Power District is dedicated to providing reliable electric supply. However, despite our best efforts we can't control all the circumstances causing power outages or power quality issues. Any number of events including storms, vehicle accidents, and/or animals can cause complete outages, temporary phase loss, or surges.

Many problems resulting from three-phase power issues can be prevented by a phase monitoring system. Phase monitors provide protection against equipment failure caused by phase reversal, phase loss, undervoltage, overvoltage or phase unbalance on three-phase systems. Phase monitors are designed and programmed to trip off when any of these three-phase issues happen. This shuts the motor off thus protecting it from damage. Phase monitors are designed to be compatible with most Wye or Delta systems.

For more information on phase monitors visit www.macromatic.com for product and distributor listing or call Cornhusker Public Power District, 402 564 2821. ■

Rate Schedule

IRRIGATION AND GRAIN DRYING

Standard Irrigation Rate (Schedule I)

\$75.00 per installed HP minimum fee
First 400 kWh per HP 16.15¢ per kWh
Balance kWh 7.14¢ per kWh

Off-Peak Irrigation Rates

Two-Day Control (Schedule I-2)

\$48.00 per installed HP minimum fee
First 350 kWh per HP 16.15¢ per kWh
Balance kWh 7.14¢ per kWh

Three-Day Control (Schedule I-3)

\$37.50 installed HP minimum fee
First 250 kWh per HP 16.15¢ per kWh
Balance kWh 7.14¢ per kWh

Four-Day Control (Schedule I-4)

\$25.00 per installed HP minimum fee
First 125 kWh per HP 16.15¢ per kWh
Balance kWh 7.14¢ per kWh

Seven-Day Control (Schedule I-7)

\$15.00 per installed HP minimum fee
All kWh 7.14¢ per kWh

Irrigation Capacitor Adjustment

Irrigation services without an approved capacitor are billed an additional \$3.00 per horsepower.

Idle Irrigation Standby (Schedule STB)

If the service is disconnected during the entire year, and the contract term has expired, the standby charge is \$12.26 per horsepower.

Billing Schedule

Irrigation fixed investment charge (minimum fee) is billed on or about March 15 of each year and is due on or about April 5. Also, the cost of energy used may be billed three times if weather requires early irrigation usage. The first billing will be in July and due in August. Second billing will be in October and due in November. Final billing will be in December on all irrigation and irrigation/grain bin drying accounts over \$25.00.

Unpaid accounts are subject to be disconnected seven working days after the due date. Interest will accumulate on unpaid balance starting 30 days after billing date.

Cornhusker Power Contacts:

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