



Cornhusker Public Power District Irrigation Newsletter

2020 | June 1 — September 15

23169 235 Ave | P O Box 9 | Columbus NE 68602-0009
1-800-955-2773 or 402-564-2821
cornhusker-power.com

Load management decreases power costs

Cornhusker Public Power District's load control season begins
June 1, 2020 and ends September 15, 2020.

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.

CHECK CONTROL TIMES

- KZ100 at 100.3 FM following 8:30 a.m. market report
- cornhusker-power.com/load-control
- Call CPPD at 402 564 2821, 402 955 2773
- Text message - call us for this option
- **No longer using paging notifications**

May 1

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

Load control boxes

Cornhusker Public Power District installed new irrigation boxes for load control customers. These boxes are cost shared with Cornhusker PPD and our customers. Important information about the boxes:

- The **WET, DRY, AND OFF** switches on the boxes are **NOT** to be considered a disconnect switch.
- Voltage should **ALWAYS** be checked at the pump panel before doing any service work.
- There are **NO** visual opens when the internal contactor is open, located inside the box.



NEW! ENERGYWISESM REBATE PROGRAM

Cornhusker Public Power District wants to help irrigators make the most of the energy needed for irrigating with all-electric systems. Cornhusker Public Power District will provide a \$500 incentive when irrigators replace all of a system's existing outlet components. To qualify the system must be a minimum of four sections in length with water supplied by an all-electric pumping system.

- Pivots four (4) spans and longer qualify
- Minimum of five (5) years since new or last refurbished
- \$500 incentive for refurbishing all primary outlets on system
- Replacement of regulators required
- Irrigator provides old and new sprinkler charts for verification

Program terms and conditions apply.

Other irrigation incentive programs are:

- **Custom irrigation efficiency program**
- **Corner pivot VFD program**
- **Irrigation pump efficiency program.**

All program details are found at: cornhusker-power.com.

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 are 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.

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 ensures the safety of our employees.

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. This meter's number is 133033.



Rate Schedule

IRRIGATION AND GRAIN DRYING

Standard Irrigation Rate

No Load Control (Schedule I)

\$75.00 per installed HP minimum fee
 First 400 kWh per HP 15¢ per kWh
 Balance kWh 7.14¢ per kWh

Off-Peak Irrigation Rates

Two-Day Control (Schedule I-2)

\$47.00 per installed HP minimum fee
 First 350 kWh per HP 15¢ per kWh
 Balance kWh 7.14¢ per kWh

Three-Day Control (Schedule I-3)

\$37.00 installed HP minimum fee
 First 250 kWh per HP 15¢ per kWh
 Balance kWh 7.14¢ per kWh

Four-Day Control (Schedule I-4)

\$24.00 per installed HP minimum fee
 First 125 kWh per HP 15¢ per kWh
 Balance kWh 7.14¢ per kWh

Seven-Day Control (Schedule I-7)

\$14.00 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 around March 15 of each year and is due on or around 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 the second billing will be in October. Final billing will be in December on all irrigation/grain bin drying accounts and irrigation accounts over \$25.00.

Unpaid accounts are subject to disconnection seven working days after the due date. Interest accumulates on unpaid balances starting 30 days after billing date.

Contacts:

- Brian Strong, Technical Services Director
- Terry Ludden, Metering Director
- Dean Fuchser, Lead Meter Technician
- Adam Becker, Meter/Apparatus Technician
- Clint Williams, Meter/Apparatus Technician