

Irrigation Newsletter

2024 June 1 – September 15



CHECK CONTROL TIMES

Radio

Listen to KZ100 at 100.3 FM following the 8:30 AM market report.

Internet

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

Phone

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

Text messaging

To sign up for text messages regarding load control times for the day, visit our website, cornhusker-power.com, and click on the link on the homepage. You can also text the word `loadcontrol` to the number 844-390-2779.

*Cell phone charges may apply.

Reporting outages

When calling to report an outage please give us your meter number.

May 1st is the last day to make irrigation control changes without being charged a recoding fee. Call Cornhusker Public Power District at 402-564-2821.

LOAD MANAGEMENT DECREASES POWER COSTS

Load control season begins **June 1, 2024** and ends **September 15, 2024**.

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 to 74,000 KW. The lower our peak KW demand number, the less money Cornhusker Public Power District pays Nebraska Public Power District for purchased power.

HOURS

Cornhusker Public Power District controls according to NPPD's directive.

- Control hours are 9:00 AM to 11:00 PM.
- No more than 12 hours during a 14-hour period. Maximum of 72 control hours available per week.
- CPPD starts sending control signals ten to fifteen minutes ahead to ensure enough time for signals to be received & wells to be controlled.
- Maximum control on Sunday is six hours. Sunday control does not change the weekly maximum.

Example: If your well is shut off at 9:00 AM, it should be turned back on by 9:00 PM. NPPD only uses the 11:00 PM control options on the most severe loading days. Also, load control until 11:00 PM is rotated around the state by NPPD.

REBATE PROGRAMS

Cornhusker Public Power District wants to help irrigators make the most of the energy needed for irrigating with all-electric systems. Details at: cornhusker-power.com.

\$500 Prescriptive Irrigation Program
Incentive to install new sprinkler package

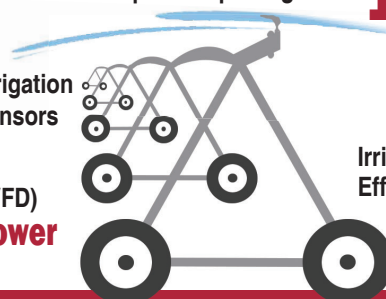
10¢ per kWh savings
Custom Irrigation Efficiency Program

\$300 Installing irrigation moisture sensors

\$18 Corner Pivot (VFD)
per horsepower

Irrigation Pump Efficiency Program

Up to **\$350**



SAFETY

Safety rules for irrigators

When checking an irrigation's electrical system, please know a possibility of electric shock does exist.

Look up for overhead wires when moving irrigation pipe.

Check motor screens for blockage. Provide cross-ventilation of closed pump house structures with doors or louvers.

Stay away from a center pivot during a storm.

Doors must have positive catches to prevent closing.

Avoid getting your body in contact with high-pressure water streams, like end guns on center pivots.

Block all electrical box unclosed openings to prevent rodent entry.

If you suspect a short circuit due to a "tingle", do not touch the machine again. Have an electrician check the machine.

Discourage children from playing or climbing around irrigation equipment.

Bury and guard all power lines around a center pivot. Mark the area with a buried line sign.

Have guards on exposed belts or pulleys.

Never service a center pivot without personally shutting off and locking the master disconnect switch.

When working on a tower/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.

CHECK YOUR SERVICE

Please check your irrigation services well before you need to run the system. Through the off-season timeframe or a thunderstorm, blown fuses or transformer failure are just a couple of reasons why your well won't start or your pivot won't move. Checking these services days ahead of when they will be used, gives Cornhusker Public Power District time to get repairs made during our normal working hours and ensures it will be ready when you need it. Thank you for your cooperation!

ADDING HORSEPOWER?

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 and that you are on the best electric rate.

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, let us know. Call 402-564-2821, it ensures the safety of our employees.

TAMPERING WITH DEVICES

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.

LOAD CONTROL BOXES

Important information about load control 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.

CONTACTS:

Brian Strong, Terry Ludden,
Brad Dudek, and Brett Olson



Rate Schedule

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.