

# Irrigation Newsletter

2021 June 1 – September 15



## LOAD MANAGEMENT DECREASES POWER COSTS

Load control season begins **June 1, 2021** and ends **September 15, 2021**.

### VALUE

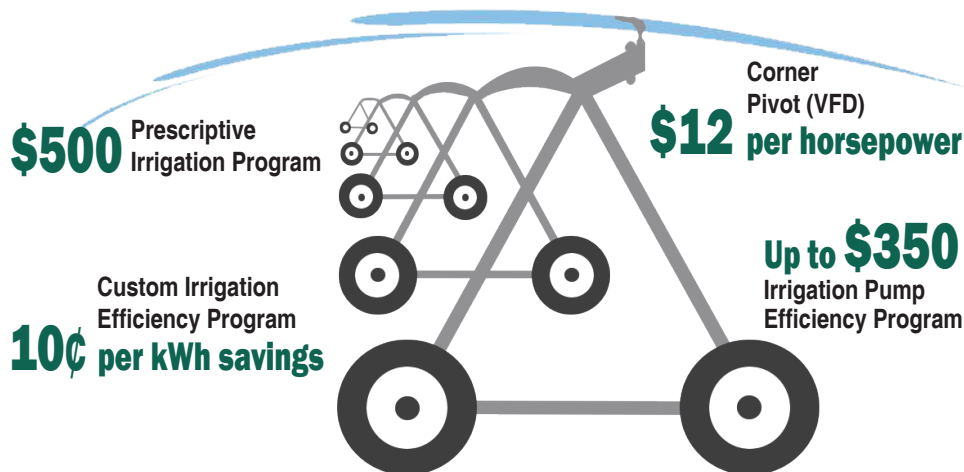
It is not uncommon for Cornhusker Public Power District's system peak (KW) to be over 143,000 KW during peak irrigation time prior to entering into load control hours. Once we initiate our load management program, the number is reduced to around 70,000 - 74,000 KW. The lower our peak KW demand number,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

### HOURS

Cornhusker Public Power District controls according to NPPD's directive. Control hours are 9:00 a.m. to 11:00 p.m. No 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. is rotated around the state by NPPD. Maximum control on Sunday is six hours. Maximum of 72 control hours available per week. Sunday control does not change the weekly maximum.

## ENERGYWISE<sup>SM</sup> 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](http://cornhusker-power.com).



## CHECK CONTROL TIMES

### Radio

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

If we know of an early release before 6:00 PM – 7:00 PM, we will air it then.

### Internet

View times at [cornhusker-power.com](http://cornhusker-power.com). Click on 'Load Control.'

### Phone

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

## 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 us if you are interested in using this program.

\*Participants responsible for cell phone charges.

## May 1st –

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

# SAFETY

## Safety rules for irrigators

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

**1.** Look up for overhead wires when moving irrigation pipe.

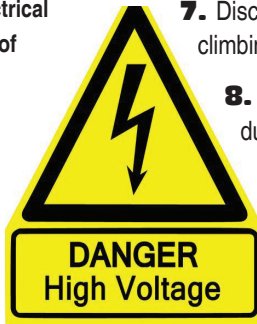
**2.** Check motor screens for blockage. Provide cross-ventilation of closed pump house structures with doors or louvers.

**3.** Have guards on exposed belts or pulleys.

**4.** Doors must have positive catches to prevent closing.

**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.

## 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.

## 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 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. Also, we want to make sure you are on the best electric rate.

## REPORTING OUTAGES

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

## 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:

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and Clint Williams

