

# H-D ELECTRIC COOPERATIVE

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IRRIGATION ACCOUNTS

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LOAD MANAGEMENT  
PROGRAM

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H-D ELECTRIC COOPERATIVE,

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**H-D Electric  
Cooperative, Inc.**  
"Powerful...Together"

# H-D Electric's Irrigation Rate Structure

(as of April, 2026)

Effective April 1, 2026, the Irrigation rate structure is changing. The new structure more closely aligns with the three-phase rate.

- 1) **\$145 monthly service fee.** This replaces the previous annual service fee billed on the November 1st bill statements.
- 2) **5.90 ¢ per kWh energy rate.**
- 3) **\$5.00 per kW Non-coincidental peak demand.** This is the highest kW recorded at any time during the month.
- 4) **\$17.40 per kW Coincidental peak demand.** This is the 15-minute billing interval kW recorded at the same time H-D Electric is billed for demand on the East River power bill.

Because the coincidental peak occurs at a system-wide level, its timing cannot be predicted. The best way to avoid higher coincidental peak costs is to continue participating in H-D Electric's Load Management Program and **shutting down during control periods.**



## THREE-PHASE

Large motors and other equipment may need three-phase power to operate properly. If any one of the three-phase wires doesn't provide power, the other two phases will increase current to make up for the lost phase. This results in excess heat which may damage the motor winding and ultimately cause the motor to fail.

Fortunately, **phase failure protection** is a solution to avoid motor damage as it shuts the motor down if it senses a missing phase.

### PHASE FAILURE PROTECTION

H-D Electric advises that phase failure protection is installed on three-phase motors for protection on a loss of phase.

Some reasons a phase may lose power:

- Primary power outage on H-D line
- Secondary issue on members line:
  - Blown fuse
  - Tripped circuit breaker
  - Cable damage
  - Worn contacts
  - Poor or loose connections

Any electrician should be able to install phase failure protection. H-D Electric's Member Service Department can install the necessary phase failure equipment at a typical cost around \$250 per motor location. Please call our office for more information or to schedule an appointment (605) 874-2171



A Truist Energy Cooperative

## IRRIGATION

Many irrigation members use third-party irrigation management systems to manage their systems remotely from a Smartphone or tablet. You are able to monitor your pump & pivot, water flow & pressure, and turn equipment on & off from your fingertips.

We have worked with these systems to ensure you can still have the cost benefits of peak control while using these technologies.

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### IRRIGATION THIRD PARTY CONTROL PROGRAM & REBATE

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**H-D Electric offers a \$1,500 rebate per irrigation system using a qualified third-party control.**

Rebate requirements are easy:

- Submit a copy of the installed third-party system invoice
- Provide receiver serial number(s) & field description (may get from dealer)
- Sign and return the third-party irrigation control agreement with H-D Electric

Once requirements are met, H-D Electric will come on-site to physically disconnect our existing controller.

If you cancel the third-party irrigation system and switch back to a physical irrigation controller from H-D Electric (within five years), you will need to pay to have the controller reinstalled.



## QUALIFIED THIRD-PARTY IRRIGATION DEALERS

### AgSense - Valley Irrigation

Dritz Irrigation LLC  
Brookings - 605-695-2195

### FieldNET by Lindsay

Midwest Irrigation & Electric  
Big Stone City, SD - 605-862-8149

### FieldWise

M & S Irrigation  
Vermillion, SD - 605-999-5218



## **H-D Electric's Load Management Program for Irrigation Systems**

H-D Electric will install a Control Receiver on your irrigation pump motor which will interrupt service during control periods set by East River Electric.

- **Benefit:** kW Coincidental Demand Charge is billed if the system has a recorded kW at the same time H-D Electric is billed for demand on the East River power bill.
- The irrigation system must have a control circuit or pressure switch installed between or on the pivot and the pump control panel to eliminate demand being present anywhere on the entire irrigation system during control times.
- **Failure to stop demand on the pivot may result in being charged the Coincidental Peak Demand rate.**

### **Email or Text Alerts**

Sign up to receive a Text or Email notification of irrigation load control events from East River Electric.

You will receive a text/email notification at the beginning and end of irrigation load control events.

This notification works with most email accounts or smart phones. Contact H-D Electric with a valid email address or mobile device phone number and service provider.

We do not charge for this service, however depending on your data plan, there may be a charge from your cellphone provider.

### **Members who choose to participate in the load management program.**

**It is important to make sure all motors are completely stopped during the control periods. Even if the tower keeps running during a control period, you will still be billed the Coincidental Demand charge if it happens during H-D Electric's peak demand date and time.**

### **How to keep Irrigation costs down**

Billing for kWh energy usage and kW demand begins at 12:00 am on the first day of the month.

Waiting to start your irrigation system in a new month or shutting down before a new month begins may result in only one month of energy & demand charge rather than two months.

Running your system for a day or even a few hours in a month will result in energy & demand costs.

**The Coincidental kW Demand Charge will be assessed if you choose to bypass the control receiver during a control event period and it happens on the date and time as H-D's peak demand on the power bill.**

### **Contact us with questions or issues**

H-D Electric has a member service department to help with irrigation system problems on the consumer side of the meter.