

**CEDAR-KNOX PUBLIC POWER DISTRICT
HARTINGTON, NE**

POLICY NO 10-700

IRRIGATION POLICY

**RATE 701-702-703-704-707-708-709
Schedule IRRN/IREO/IREO/IRPD**

AVAILABILITY:

In the general area served by District on existing 12.5 kv distribution system. The entire district service area is subject to established policies and regulations. Management has the authority to limit the amount of KW or Horsepower added to the distribution grid. The District will evaluate annually the system capacity, substation capacity, and the ability to serve additional wells per substation. All new irrigation wells will be on an irrigation rate schedule.

I. POLICY CONTENT

A. SERVICE REQUIREMENTS:

Customer shall furnish and maintain the appropriate meter loop, disconnect-switch and power factor correction for each system. The customer will also provide all necessary secondary and service conductors beyond the metering point.

B. DETERMINATION OF HORSEPOWER:

On new systems, the initial horsepower billing will be based on aggregated nameplate pumping horsepower. After that, the annual Horsepower Charge will be based on delivered horsepower (horsepower = KW/.746) measured at the Cedar-Knox meter during any consecutive fifteen minute period. This amount shall be the highest established measured horsepower on the system from the five previous years. If changes are made to a system that lowers the measured horsepower amount by 5 HP or more, the customer may request to have the billing horsepower adjusted for the next year. If changes are made to a system that increases the measured horsepower amount, the billing will be adjusted to reflect the increased measured amount for the season.

C. POWER FACTOR CORRECTION/CAPACITOR

Any irrigation motor 25 HP and larger shall have a properly sized and functional, power factor correction capacitor installed into the motor circuit. The capacitor shall be furnished by and remain property of the customer.

D. MOTOR PROTECTION

Many things beyond reasonable control of the District can cause voltage variations or loss of power on the power distribution system. It is the customers' responsibility to provide adequate motor protection from loss of phase or voltage variation.

E. LINE EXTENSION- Fees, Credits and Reimbursements

See Line Extension Policy 10-600

F. IRRIGATION RATES/BILLING

All irrigation services are placed in one of three categories

No Control –Every Other Day Control- Any Day Control

The horsepower capacity charge is billed on May 1st each year and payment is delinquent and subject to disconnection if not paid in 30 days

701/708-No Control – Horsepower Capacity Charge = \$42.50 x measured HP

All energy @ .0749 cents per KWH

702/707-Every Other Day Control – Horsepower Capacity Charge = \$28.50 x measured HP

All energy @ .0651 cents per KWH

703/709-Any Day Control- Horsepower Capacity Charge = \$22.50 x measured HP

All energy @ .0500 cents per KWH

Monthly Rate Adjustment (Lease and GRT)

Customers who are served from distribution facilities for which the District has a Lease Payment (LP) obligation and/or a 5% Gross Revenue Tax (GRT) obligation will have the Base Rate (excluding PCA) adjusted to include such obligations as shown below:

Applicable Adjustment	Rate Formula
<u>None</u>	<u>Base Rates</u>
<u>Lease Payment (LP)</u>	<u>Base Rates divided by 0.88</u>
<u>LP and Gross Revenue Tax (GRT)</u>	<u>Base Rates divided by 0.83</u>

In addition, for customers served from distribution facilities for which the District has a 5% GRT obligation, the PCA will be adjusted to include such obligation by the following formula: PCA divided by 0.95.

Fuel and Production Cost Adjustment (PCA)

A fuel and production cost adjustment may be applied to all energy used in an amount per kwh equal to the increase or decrease in the District's cost due to the most recent fuel and production cost adjustment from the District's power supplier plus an adjustment for system energy losses based on the previous calendar year's experience.

Irrigation status for the upcoming season must be finalized by April 30th each year. On or after May 1st changes may only be made to a rate requiring less control or a change from paid disconnect to a connected service. Initial payments will apply to the rate change. A charge of \$150.00 will be made to implement this change along with all additional charges due to the increase in billing.

If a service is not going to be used we must be notified before May 1st. A yearly charge of \$10.00 per HP (Rate 704) will be charged to keep the service in place. If this payment is not made, the District reserves the right to remove all or part of the service to the irrigation system. If the service is removed in whole or in part, restoration of service will be treated as a new customer and all applicable fees will apply. If \$10.00 per HP has been paid on an account, for a well that will not be used for the season and later in the season the customer decides to use the well, \$5.00 of the \$10.00 per HP paid, will be forfeited and full minimum billing for the new type of control will be required

Billing dates will be determined by the district depending on the type of season. The delinquent date will be 30 days from the billing date. Bills not paid by the delinquent date will be assessed a penalty of 2% or \$5.00 whichever is greater, per month and subject to disconnection.

G. LOAD CONTROL PROGRAM

Customers are urged to participate in the Irrigation Load Control Program. Participating systems may have their irrigation service interrupted between the hours of 9:00 AM and 11:00 PM during the months of June through September. Control hours will not exceed twelve hours in a single day. By discretion, the District may agree to allow a system to run for all or part of a normal control day for various reasons including mechanical breakdown. Cedar-Knox reserves the right to interrupt service to all irrigation systems at any time, for operational purposes.

H. SERVICE MAINTENANCE

The district will not charge a service call for disconnecting or de-energizing the electric service to a well for repair or maintenance. The district must be notified immediately if there are problems with the meter, meter socket and load control radio. Under no circumstances will a customer or electrician remove, disconnect or tamper with in any way the electric meter or load controller.

The well control unit is part of very sensitive load control equipment. If, for any reason, the control unit does not come on at 11:00 P.M. or earlier if the demand has been waived, after being controlled, DO NOT tamper with the unit, call the men on duty for service. Tampering is a serious offense and may result in a fine and or loss of electrical power for the well.

Approved Date: January 12, 2022

Effective date: February 1, 2022