

# NEBRASKA PUBLIC POWER DISTRICT

Schedule: IRRIG-3 Issued: 12/20/17  
Supersedes Schedule: IRRIG-3 Issued: 03/15/17  
Sheet No.: 1 of 7 Sheets

## INTERRUPTIBLE IRRIGATION SERVICE RATE SCHEDULE

(Name of Schedule)

**AVAILABLE:** In the retail distribution service territory of the District where the District has contracted for paging services.

**APPLICABLE:** To Customers with year-round interruptible irrigation service when all service is supplied through a single meter. Customers must notify the District by April 15 of their intent to take Interruptible Irrigation Service under this Rate Schedule.

**CHARACTER OF SERVICE:** AC, 60 hertz, at any of the District's standard three-phase distribution voltages, as available. Where the District does not have three-phase but has single-phase service available, single-phase motors not to exceed ten horsepower (10 HP) rating may be connected under this Rate Schedule. Connection of single-phase motors larger than ten horsepower (10 HP) requires the District's approval based on District operating standards and electric utility engineering judgment.

**IRRIGATION SEASON:** June 1 through September 30.

**INTERRUPTIBLE HOURS:** During the Irrigation Season, the District may interrupt irrigation pump service on preassigned control days determined by the District based on the District's electric system operating requirements and demands. The Customer's irrigation service will not be interrupted, however, during the hours 10:00 p.m. to 10:00 a.m. (Central Daylight Savings Time), or all day Independence Day and Labor Day, except during an "emergency situation". An "emergency situation" is one in which the District has a reasonable expectation that events and circumstances will temporarily have an adverse impact on the District's ability to provide and maintain service to the customer.

**BASE RATE:**

Subject to application of Retail Production Cost Adjustment (PCA) Rate Schedule.

Fixed Charge:

kW Installation  
(Rate Codes  
77 & 79)

Payable the 1<sup>st</sup> billing period on or after May 1

\$21.41 per kW

Payable the 1<sup>st</sup> billing period on or after August 1

\$15.98 per kW

Total Fixed Charge\*:

\$37.39 per kW

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Effective: April 1, 2018

Approved: 12/14/17

Resolution No: 17-56

Issued by: *Vicki L. Swartz*

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\*The Total Fixed Charge shall not be less than \$390.00 for single-phase or \$582.00 for three-phase Customers.

### Energy Charges:

#### Summer:

##### Interruptible Service - Two Days Per Week

For the prorated energy use from June 1 through September 30:

#### Demand Meter Installations

(Rate Code 77)	16.01¢	per kilowatt-hour for the first 60 kilowatt-hours per kW of maximum 30-minute demand in the current month.
	10.74¢	per kilowatt-hour for all additional use.

#### Interruptible Service - Anytime

For the prorated energy use from June 1 through September 30:

#### Demand Meter Installations

(Rate Code 79)	8.09¢	per kilowatt-hour for the first 60 kilowatt-hours per kW of maximum 30-minute demand in the current month.
	6.55¢	per kilowatt-hour for all additional use.

#### Winter:

For the prorated energy use from October 1 through May 31:

#### All Installations

(Rate Codes 77& 79)	7.41¢	per kilowatt-hour for all use.
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### BASE RATE ADJUSTMENT:

#### Lease Payment Adjustment:

The basic rates include higher distribution system costs associated with service in rural territory. For irrigation Customers in urban rate areas, the lower distribution costs are offset by the inclusion of the lease payment costs, resulting in the same basic irrigation rates, subject to the following adjustments, applied to irrigation Customers in both urban and rural rate areas.

Customers who are in urban rate areas, as established by distribution system boundary or rate area maps, and served from distribution facilities for which the District does not have a lease payment or debt service obligation will have the basic rates (excluding PCA but including applicable power factor adjustment) adjusted to exclude such lease payment and debt service costs by the following formula:  $\text{Basic Rates} \times (1 - \text{applicable lease payment or debt service obligation percentage})$ .

Customers who are in rural territory served from distribution facilities leased by the District upon whose revenues the District is obligated to make a lease payment will have the basic rates (excluding PCA but including applicable power factor adjustment) adjusted to include the lease payment by the following formula:  $\text{Basic Rates} \div (1 - \text{applicable lease payment obligation percentage})$ .

#### Gross Revenue Tax Adjustment:

Customers located inside the corporate limits of a community, upon whose revenues the District is obligated to pay a five percent (5%) Gross Revenue Tax, will have the basic rates (including PCA and applicable power factor and lease payment credit adjustments) adjusted to include the five percent (5%) Gross Revenue Tax by the following formula:  $\text{Basic Rates} \div 0.95$ .

MINIMUM ANNUAL BILL: Total Fixed Charge, subject to applicable Base Rate Adjustment.

FIXED CHARGE DETERMINATION: The demand for determining the Fixed Charge will be the highest measured 30-minute demand in the summer months of June through September of the preceding year. For new installations or when there is a new tenant and no demand was recorded from the prior Irrigation Season, or when no demand has been recorded for the prior two (2) or more Irrigation Seasons, the demand used in determining the Fixed Charge for the current

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Irrigation Season will be the product of the pump motor nameplate horsepower rating plus ½ of the combined nameplate horsepower rating of all motors on the irrigation drive mechanism multiplied by a factor of 0.829. This factor is based on 1 HP being equivalent to 0.829 kW, which assumes 90 percent motor efficiency.

**CONVERSION CHARGE:** A Conversion Charge of \$55.00 will be assessed for any Irrigation Service Rate Schedule change occurring between April 15 and September 30.

**USE OF SERVICE FOR PURPOSES OTHER THAN IRRIGATION:** At locations where the District has provided facilities for irrigation service, the Customer may use the facilities for purposes other than irrigation provided such service may be supplied from the District's facilities serving the irrigation pump. The other loads can not exceed the capacity of the transformers which are sized to the irrigation load and can not be operated when the irrigation pump is operating.

### TERMS AND CONDITIONS:

1. Service will be furnished under the District's Retail Service Rules and Regulations.
2. Extensions made for service under this Rate Schedule are subject to the provisions of the District's "General Extension Policy for Retail Electric Services and Facilities".
3. The District's General Customer Service Charges Rate Schedule shall apply.
4. Usage shall be fractionalized on the actual days of service for application of a change in rate or changing from summer to winter or winter to summer rates.
5. Billing usage shall be normalized to 30 days when actual days of service is less than 27 days or exceeds 35 days in any given billing period.
6. A District-owned remote control switch shall be installed by the District or its authorized agent on the Customer's premises in such a manner as to become part of the control circuit controlling the pump motor. This switch shall be sealed or locked and shall be operated and maintained solely by District personnel or its authorized agent. The cost of the switch and its installation will be paid by the District and ownership will remain with the District. The switch will be installed only where the Customer's equipment is wired in

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accordance with all applicable National Electric Code Standards as approved by the Nebraska State Electrical Board and the District. The District reserves the right to refuse installation of the remote control switch until any violations or hazards have been corrected. The District reserves the right to remove the remote control switch without any liability to the Customer if service under this Rate Schedule is discontinued for any reason. The District will cap and seal any holes made by the District in the Customer's pump controller upon removal of the remote control switch.

7. The Customer is not required to purchase or own any load management equipment. The Customer may purchase or lease a pager or some other remote monitoring receiver which will inform the Customer when the remote control switch at the pump motor is in the "Operate" or "Interrupt" mode. The District can provide information on availability and operating requirements, as this equipment must be compatible with the system being used by the District. The Customer may provide for automatic restarting after restoration of service by the utilization of automatic restart equipment providing that the installation of such equipment shall not interfere with the interrupting function of the District's remote control switch.
8. Scheduled interruption of power by the District shall occur only during the hours specified in this Rate Schedule on preassigned day(s) during the week. The Customer shall be notified by the District prior to June 1 of each year of the Customer's preassigned control days. During the period of control, the District will be repeating a signal to the remote control switch causing the switch to interrupt service. At the end of each period of control, the District shall discontinue sending the signals. Following the time-out delay in the remote control switch, the pump motor control circuit will be in an operate mode. This condition will not restart the pump motor unless the Customer has installed the necessary automatic restart equipment. In the absence of such equipment, the Customer must restart the pump manually.
9. The Customer shall exercise reasonable diligence in protecting the District's equipment on his premises from damage. Repeated damages to the equipment or otherwise interfering with the operation of the remote control switch shall be considered grounds for cancellation of service under this Rate Schedule. In such event, the Customer shall be required to pay the standard rate for irrigation service in the District's Irrigation Service Rate Schedule (IRRIG-1) for the entire Irrigation Season during which the cancellation occurred.

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10. If an interruption of service should occur, other than as provided for in this Rate Schedule, due to an Act of God, fire, explosion, flood, malfunction or failure of the District's equipment, failure of the Customer's irrigation equipment, or from other causes not reasonably within the District's control, causing Customer undue hardship, the District, upon request of Customer, may but shall not be obligated to, temporarily suspend interruptible service and override the control equipment without penalty to the Customer. Such suspensions must be approved by the District. No other suspensions of controlled interruption periods, and no other override of control equipment, shall be allowed.
11. The Customer shall be permitted to change from this Interruptible Irrigation Service Rate Schedule (IRRIG-3) to IRRIG-1 at any time during the Irrigation Season. In the event the Customer does change to IRRIG-1, the Customer shall be required to pay for all electric power supplied during the current Irrigation Season at the IRRIG-1 rate. The Customer shall also be assessed the Conversion Charge. No Customer shall be permitted to change from IRRIG-3 to the Off-Peak Irrigation Service Rate Schedule (IRRIG-2) during the Irrigation Season.
12. The Customer shall not be permitted to change from IRRIG-1 or from IRRIG-2 to IRRIG-3 during the Irrigation Season. New or inactive irrigation customers shall not be permitted to start service on IRRIG-3 after April 15<sup>th</sup> for the next Irrigation Season.
13. The Customer shall be permitted to reduce the level of interruptible service one time during the Irrigation Season from Interruptible Service – Anytime to Interruptible Service – Two Days Per Week. In the event the Customer reduces the level of interruptible service, the Customer shall be required to pay for all electric power supplied during the current Irrigation Season at the Interruptible Service – Two Days Per Week rate. The Customer shall also be assessed the Conversion Charge.
14. If the irrigation service is not used for two consecutive years, or when, in the District's judgment based on available information, no further use of such facilities is contemplated, the District may remove its facilities after proper notice has been given to the Customer.

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15. The District retains and reserves the right, power and authority to modify, revise, amend, replace, repeal or cancel this Rate Schedule, at any time and in whole or in part, by resolution adopted by the District's Board of Directors.

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