



Phone: 402-375-1360
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General Office
PO Box 350 | 1410 W 7th Street
Wayne, NE 68787-0350
northeastpow.com

2024 Irrigation Options

Below is a summary of the existing options.

Please review the options and let us know if there are any change by **April 1, 2024**.

Please note the 2024 rates reflect a rate increase.

Which Option is best for me?

You will want to consider what your priority is and what makes sense for you, the price of your electric bill or the number of available watering hours? We offer four options that allow for a balance of both.

Included with this information is a colored piece of paper with your account number, name on the account, option from 2023. Please circle your selection for each account listed for 2024.

For additional resources, please visit irrigation.northeastpow.info.

Option A-Daytime Control

Text message notifications will be sent when high-priced 'critical peak pricing' will be in effect. You respond accordingly based on your decision to continue to irrigate or not.

- Minimum of 12 irrigating hours per day.
- Guaranteed a minimum of 9 hours with low off-peak energy prices at 4.99¢/kwh.
- Subject to possibly 12 hours of daily critical peak pricing sometime between 8:00 am and 11:00 pm during peak load times.
- Need to be able to respond to daily text messages in the event we need to call for load control or be subject to critical peak pricing.
- Can maximize utilization of night-time watering hours.

Annual kW \$49.50 per kW

Off-Peak Hours

11:00 pm – 2:00 pm daily @ 4.99¢ per kWh

On-Peak Hours

2:00 pm – 11:00 pm daily @ 10.73¢ per kWh

Critical Peak Hours

Declared curtailment times limited to 12 hours daily between 8:00 am -11:00 pm @ 99¢ per kWh

Critical peak pricing can be called anytime starting at 8:00 am – 11:00 pm.

Option B-Set Schedule

Instead of responding to a text message on varying days and times, customers may choose a daily set 8-hour curtailment. **This set schedule did change for the 2024 season.** It will be an 8-hour schedule beginning at 6:00 am. The curtailment is not expected to start until Northeast's total load reaches a peak threshold. In a typical summer, that could be in July. The 8-hour set schedule curtailment will be implemented and released throughout the season as loads reach peak thresholds.

- Offers set schedule without daily critical peak pricing daytime messages- set it and forget it.
- Minimum of 16 irrigating hours per day.
- Minimum of 7 hours of low off-peak pricing at 4.99¢, every day, with a known, fixed schedule.
- Allows for more watering hours at a known price.

Annual kW \$49.50 per kW

Off-Peak Hours

11:00 pm – 2:00 pm daily @ 4.99¢ per kWh

On-Peak Hours

2:00 pm – 11:00 pm daily @ 10.73¢ per kWh

Critical Peak Hours

Daily set 8-hour schedule

(6:00 am – 2:00 pm) @ 99¢ per kWh

Set it and forget it! Known hours and price!

Critical peak set schedule is now
6:00 am-2:00 pm



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NEW-Option C- Anytime Control

Option C has changed for the 2024 season!

There will no longer be a night-time set schedule plus daytime control. Rather, customers that elect to be subject to a maximum of 8 hours of control ANYTIME of the day will receive a \$12.50 per kW credit at the end of the 2024 irrigation season. While control can be called anytime of the day, Northeast will work to provide notice of the need for night-time control prior to 4:00 pm daily.

- Reduce overall cost with 25% reduction in annual demand (kW) charge. *That amounts to a \$1038/year annual savings on an average 100 hp irrigation service.*
- Minimum of 16 non-controlled irrigating hours per day.
- Subject to control ANYTIME of the day, but control hours will be limited to a maximum of 8 hours a day.
- May require some daytime watering to maximize total irrigating hours.
- Control may be intermittent- Northeast will monitor loads and call for control during those hours load shedding is needed. This could mean two hours during the night, and 6 hours during the day, for example.
- Customers will now receive text message notifications similar to the daytime messages, in the event nighttime control is needed.

Annual kW \$49.50 less \$12.50 end of season credit = \$37.00/kW

Off-Peak Hours

11:00 pm – 2:00 pm daily @ 4.99¢ per kWh

On-Peak Hours

2:00 pm – 11:00 pm daily @ 10.73¢ per kWh

Critical Peak Hours

declared curtailment times; which can occur anytime of the day @ 99¢ per kWh

Option D-No Control

Customers electing Option D pay a higher rate to avoid being subject to load control.

- Ability to irrigate 24 hours a day 7 days a week.
- No curtailment or critical peak pricing.
- Higher flat energy charge.
- Higher fixed demand cost.

Annual kW charge: \$110.58 per kW

On & Off Peak Hours: 10.73¢ per kWh

Additional Notes for the 2024 Season

Please review your selected options on the enclosed form. Note the option you would like for 2024 and return the form to us before **April 1, 2024** by emailing customerservice@northeastpow.com or calling 800-750-9277.

Your 2023 option selections per account will remain the same for 2024 **unless you notify us of a change by April 1, 2024**. If we do not receive an option selection from you prior to April 1, it is assumed you desire to stay on the same Option as last year.

Items to Note Regarding 2024 Rate Change

Option A critical peak pricing can be called starting at 8:00 am – 11:00 pm.

Option B critical peak set schedule is now 6:00 am- 2:00 pm.

Option C is now an ANYTIME control rate. The nighttime set schedule was eliminated, but customers will now receive text message notification, similar to the daytime messages, in the event nighttime control is needed.

If you plan to not use your irrigation service for the 2024 season, it may be possible to switch to an idle service rate. Please call the office prior to April 1 to discuss this option.

If you no longer own or rent a location for the 2024 season, contact us immediately!

25% savings on your annual kW charge!
Please note Option C is now an
ANYTIME control rate.



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Additional Information

- We try to not implement the set 8-hour curtailment schedules for Option B until our loads reach a peaking point. Since beginning this program in 2018, we have had a few years where loads never reached the peak threshold, so no set schedules were needed.
- We will release the set schedules when the system load allows and implement them again when needed.
- We will work to allow for as many running hours as our system peak will tolerate.
- If critical peak is called, we will try to give a courtesy notice of at least 1 hour to those on options A and C.
- Electing Option B or C may help to avoid the need to purchase additional capacity in the future, keeping irrigation rates as low as possible for everyone.
- As a reminder, we do have a waiting list for the installation of new irrigation services. If considering converting a well from diesel or installing a new well, call the office as soon as possible to get on the list for potential 2024/2025/2026 installations.
- Supply chain issues continue to cause long lead times and high prices on critical infrastructure like transformers and wire. Contact us early in your planning process.

Critical Peak

Notification Instructions

We will notify you of critical peak pricing and the Option B set schedule start dates via text message.

Enrollment instructions will be sent in a separate letter in May. Test messages will be sent out in late May, and daily curtailment notification messages are scheduled to begin June 1.

We plan to send out the kW billing the last week of April, so it is very important that we receive any account changes prior to April 1st.

If you no longer rent a farm, let us know as soon as possible!

Capacitors Required

Please note that the irrigation rate requires capacitors to correct Power Factor.

- Loads that have poor Power Factor create higher costs for all customers.
- It is the customer's responsibility to ensure appropriately sized capacitors are installed and properly functioning.
- Improving your power factor can save you money on future irrigation bills by reducing your demand charges.
- Most customers see a 2-year payback or less in the cost of installing the capacitor.
- In addition to reducing your demand charges, running at an improved power factor may benefit you by causing your well motor to be more efficient, allowing the motor to last longer, and guarding against low voltage at start-up.
- Please have your electrician or well technician check your power factor corrective capacitors for proper function and sizing.

Cost Changes

- At their January 2024 meeting, the Board approved an increase in both the 2024 demand (kW) and energy (kWh) rates. Cost increases were driven by higher wholesale power costs. This is the actual generation, and transmission of wholesale power.
- Assuming an average irrigation season similar to 2023, average annual increases are estimated to be around \$500 per irrigation. Impacts of the rate change will vary depending on the number of watering hours and your motor hp size.
- We can help you! Call 1-800-750-9277, and we can assist in your cost calculations.

Northeast Power wishes you a safe and profitable irrigation season!

Call 1-800-750-9277 with any questions.