Riverhawk Energy Center

Public Information Meeting

May 13, 2026

Introducing Riverhawk Energy Center

We plan to expand the Emery Generating Station footprint by constructing a 1,200 MW natural gas-fired power plant to meet growing customer demand. This meeting is your first opportunity to learn about the project and ask questions.

TODAY'S AGENDA

- About Alliant Energy
- Regulatory safeguards
- Purpose and need
- Project details
- Environment, sound, water
- Our commitment to you

YOUR PRESENTERS

May Farlinger
President, IPL

Dave Herkert
Strategic Projects

Amy Wheatley
Regulatory

Eric Curtis
Construction

Jeff Maxted
Environmental

Jamie Niccolls
Resource Planning

Alliant Energy

Alliant Energy in Iowa

We proudly serve **500,000 electric** and **225,000 natural gas** customers across Iowa

Balanced Strategy

Our energy strategy balances traditional and renewable resources, including battery storage, to keep service reliable and costs stable

Community Investment

We invest in infrastructure and energy capacity that strengthens Iowa communities today and fuels growth for decades to come

Alliant Energy in North Iowa

A long-standing presence in Cerro Gordo County, proudly serving the northern Iowa corridor.

Community Commitment

We have a long-standing presence in Cerro Gordo County, with Emery Generating Station in operation since 2004, and proudly serve the northern Iowa corridor.

Balanced Investments

We invest in a balanced energy portfolio to maximize reliability and affordability. This approach adds new capacity and builds a strong grid to attract investment.

Economic Growth

Available energy capacity attracts new investment, creating potential for jobs, increased tax revenue, and long-term opportunities for the region.

OUR NORTH IOWA FOOTPRINT

- Emery Generating Station
- Franklin County Wind Farm
- Mason City Operations Center
- Golden Plains Wind Farm
- Whispering Willow Wind Farms – North & East

Expanding Emery Generating Station

The Riverhawk expansion is needed to provide reliability and meet increased load obligations to serve our customers.

Emery Generating Station

Technology: Combined cycle facility

Capacity: 600 MW

In Service: Serving North Iowa since 2004

Footprint: Larger facility with established infrastructure supporting the northern Iowa corridor

Riverhawk Energy Center (NEW)

Technology: Combustion turbine facility

Capacity: 1,200 MW

Purpose: Required to meet energy load obligations

Footprint: Using the adjacent site's established infrastructure

WHY BUILD ADJACENT?

Siting Riverhawk next to Emery allows us to evaluate the ability to share existing well capacity, pipeline, and transmission infrastructure — reducing costs, minimizing environmental impact, and building on a location with over 20 years of successful generation.

Expanding Emery Generating Station

Our Balanced Energy Portfolio

We invest in natural gas generation alongside renewables to keep energy reliable and affordable.

WIND

Top-5 regulated wind owner nationwide with approval for ~1,000 MW more in Iowa

SOLAR & BATTERY STORAGE

Continued expansion of solar and battery storage across the service territory

NATURAL GAS

We are investing in natural gas across Iowa with the Bobcat, Morgan Valley, and Riverhawk Energy Centers

Together, these resources reinforce a reliable, cost-effective energy system that supports customers and communities through peak demand and severe weather.

Alliant Energy

Regulatory Process Overview

Riverhawk Energy Center is subject to extensive, independent regulatory review.

WE ARE HERE

1. **Public Info Meeting** — Today
2. **Regulatory Review** — 2026–2027
3. **Approval Decision** — 2027+
4. **Construction** — 2028–2031

- ✓ Today is about Alliant Energy listening and answering your questions. No decision about Riverhawk Energy Center will be made today.
- ✓ Alliant Energy must prove this project is in the public interest. A multi-month regulatory approval process will follow this meeting.
- ✓ Construction cannot begin until Alliant Energy meets all regulatory requirements and the Iowa Utilities Commission approves the application.

Public Meeting Notifications

1 Newspaper Notices

Placed public meeting notices in the Globe Gazette on May 2 and Clear Lake Mirror on May 7.

2 Postcard to Landowners

Postcard sent to landowners within a 2-mile radius of the proposed site.

3 News Release

News release sent to the Globe Gazette and Clear Lake Mirror on May 6.

4 Public Engagement

Local and state officials made aware of the project between late April and early May.

Today is our first opportunity to share our project with the community.

Alliant Energy

How We Evaluate the Need for New Resources

Before proposing any project, we ask three fundamental questions to make sure it is the right thing to do for our customers and communities.

“Is the energy supply reliable?”

Reliability

We forecast how much energy our customers will need in the years ahead. If demand is growing faster than our current supply can handle, we need to plan now so the lights stay on tomorrow.

“Does this provide value for our customers?”

Affordability

We compare different ways to meet that need — renewables, natural gas, energy storage, and more — and choose the options that keep costs reasonable for customers over the long term.

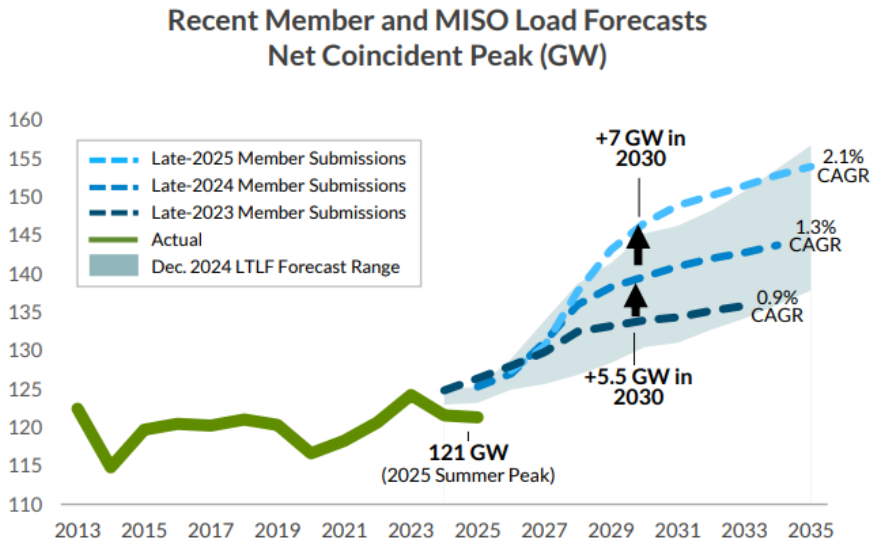
“Will it benefit communities we serve?”

Community Benefit

We consider how a project affects the people and places around it — jobs, tax revenue, environmental impact, and quality of life. A project must be in the public interest to move forward.

Energy Demand is Increasing

- Electric utilities within the Midcontinent Independent System Operator (MISO) footprint must secure capacity resources sufficient to meet their forecasted seasonal load with reserve margin to support reliability.
- Load is growing in Alliant Energy's service territory and across MISO. Reliability obligations are evolving.
- In a future regulatory proceeding, the Iowa Utilities Commission will determine the prudency of investments made on behalf of customers.



CAGR: Compound Annual Growth Rate

Resource Adequacy in the Midwest and US

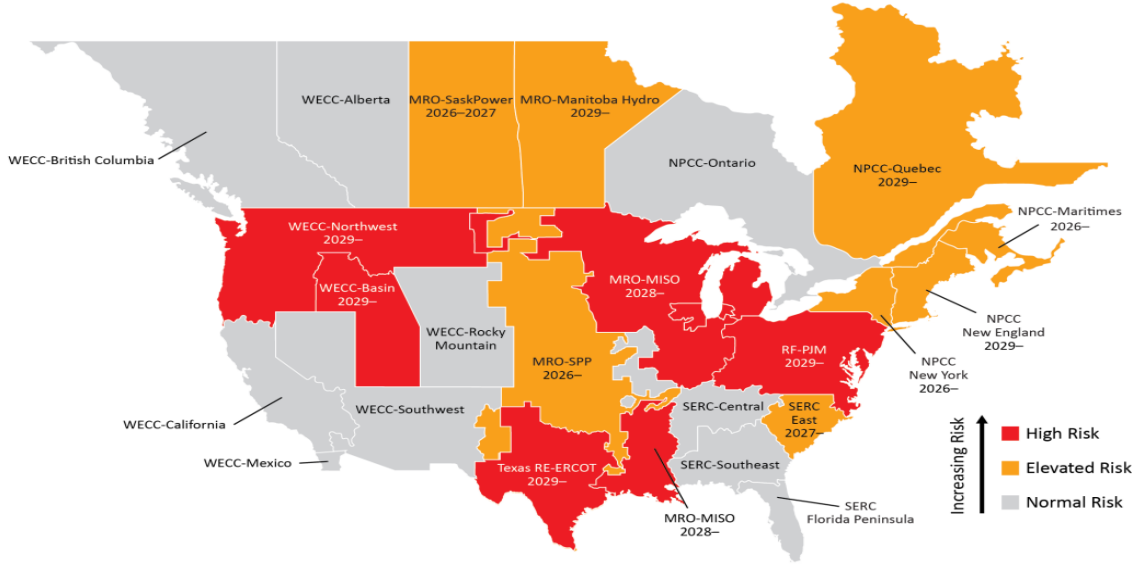
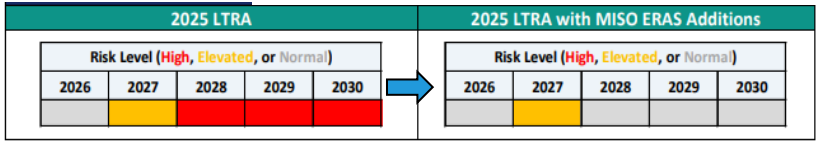


Figure 1: Risk Area Summary 2026–2030
Shows highest risk classification that occurs in the first 5 years and states initial year of occurrence

Alliant Energy is in the Midwest Reliability Organization (MRO) and the resources are dispatched by the Midcontinent Independent System Operator (MISO)

Meeting reliability needs relies on implementation of 50 GW of expedited resource additions



Source: NERC 2025 Long-Term Reliability Assessment

The Role of Riverhawk Energy Center

Riverhawk Energy Center is needed to support load obligations and deliver reliable energy to customers.

Balanced Resources

Complements our renewable portfolio with reliable, dispatchable generation that keeps the grid stable when wind and solar are unavailable or when demand is high.

Energy Security

Provides 1,200 MW of on-demand capacity that strengthens grid resilience and ensures dependable power delivery to homes and businesses across the region.

Growth Capacity

Creates available energy capacity that attracts new employers, supports existing business expansion, and generates long-term economic opportunity for northern Iowa.

Alliant Energy

Project Overview

CAPACITY

1,200 MW

Natural gas-fired generation

ELECTRIC INTERCONNECTION

Killdeer Substation

~1 mile of 345kV double circuit transmission infrastructure from Riverhawk to the substation.

TRANSMISSION OWNER

ITC Midwest

Electric transmission

NATURAL GAS PIPELINE

Alliant Energy to expand its existing natural gas pipeline in Hancock and Cerro Gordo counties.

WATER SOURCE

Well Water

Alliant Energy will meet the requirements set by the DNR to protect all aquifer users.

LAND USE

120 Acres

Purchase agreements secured

Alliant Energy

Proposed Site

NW corner of 220th St. & Lark Ave.
Cerro Gordo County, Iowa

120 Acres

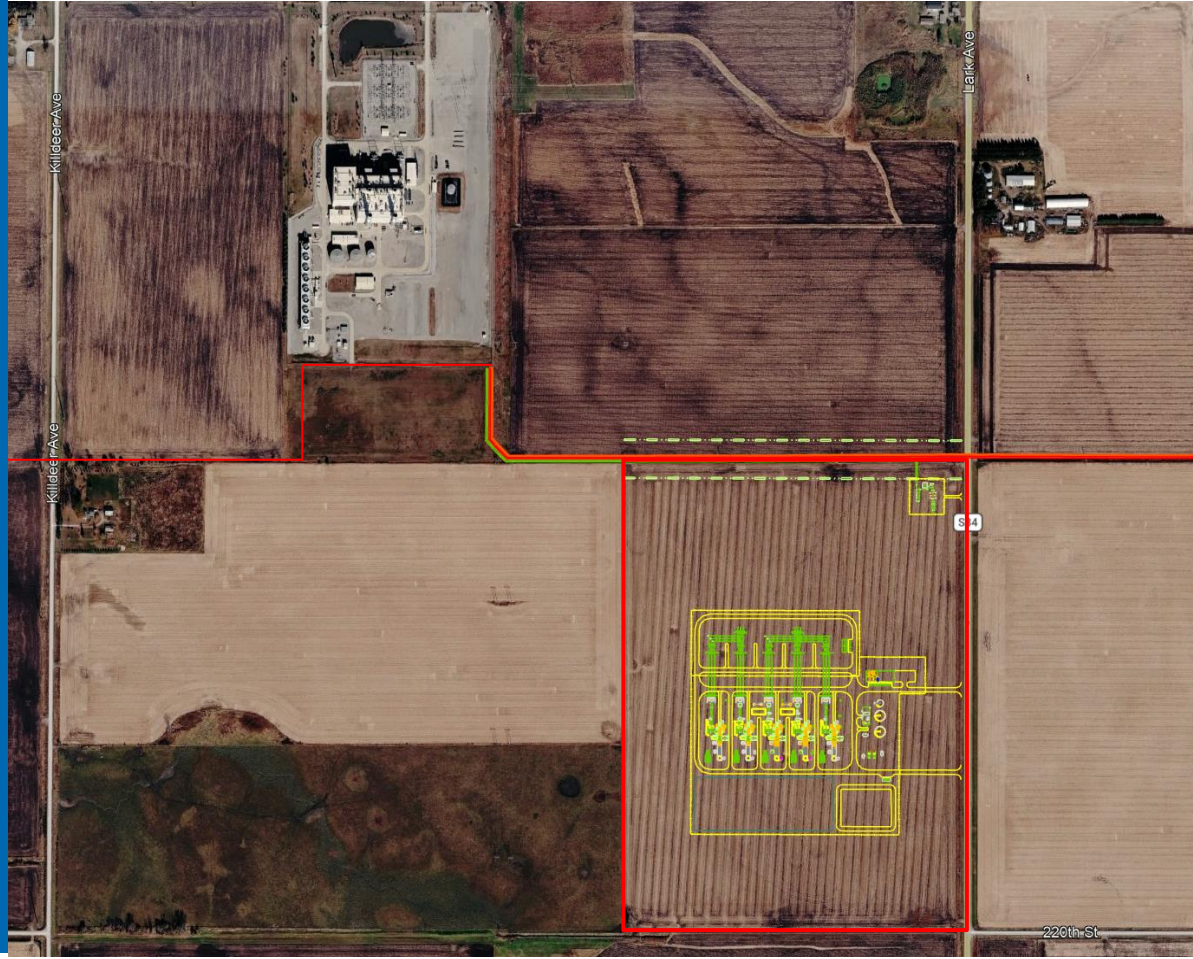
Purchase agreements secured for the full project footprint

Next to Emery Generating Station

Shared infrastructure and proven site conditions reduce project cost

Red Outline = Project Boundary

Proposed location for the 1,200 MW Riverhawk Energy Center facility



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Site Selection

Proposed Riverhawk Energy Center Site: Northwest corner of 220th St. & Lark Ave., Cerro Gordo County

Interconnection

- Access to adequate fuel supply and electrical outlet (pipeline expansion required)
- Minimize interconnection facilities
- Minimize regional transmission system upgrades

Land Suitability

- Proximity to dwellings
- Appropriate drainage and terrain
- Floodplain and transportation access

Environmental & Cultural

- Existing local air quality
- Endangered species
- Wetland habitat
- Historical and cultural resources

Expanding the Emery Footprint

- Adjacent to Emery Generating Station
- Shared infrastructure opportunities to reduce cost
- Proven site conditions
- Existing workforce and operational knowledge

Project Schedule

PHASE 1

Permitting

2026 – 2027

Regulatory review, conducting required environmental studies, and project approval

PHASE 2

Construction

2028 – 2031

Site preparation, facility construction, pipeline interconnection, and commissioning

PHASE 3

Operational

2031

Commercial operation begins

Key Milestones

File with IUC → Environmental review → Permit approvals → Site preparation → Facility construction → Commissioning → Commercial operation

**Subject to change*

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Riverhawk Energy Center View

View from Hwy 18 looking south, approximately 1.2 miles from the site.

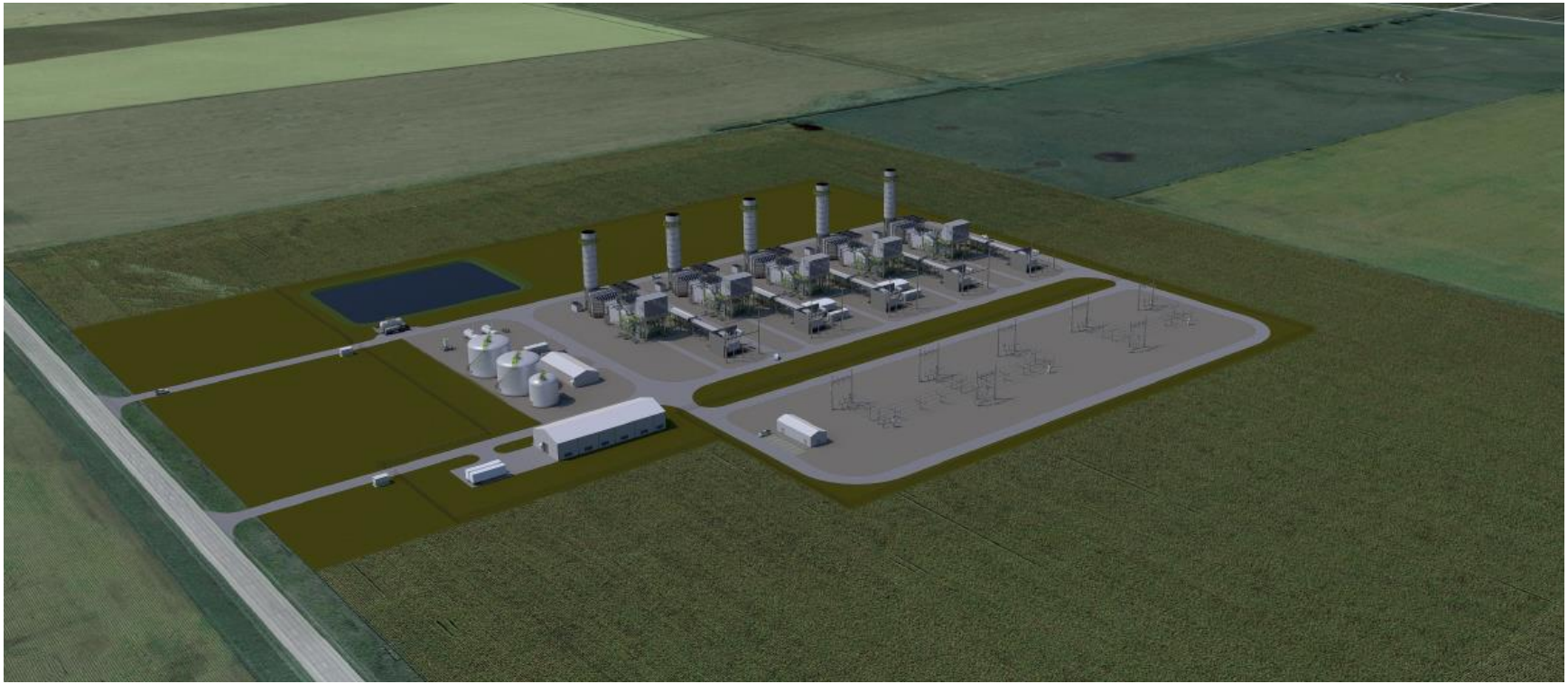
Riverhawk Energy Center View

View from Killdeer Ave near 220th looking east northeast, ¾ of a mile from the site.

Riverhawk Energy Center View

View from Lark Ave near 220th, looking northwest.

Riverhawk Energy Center View



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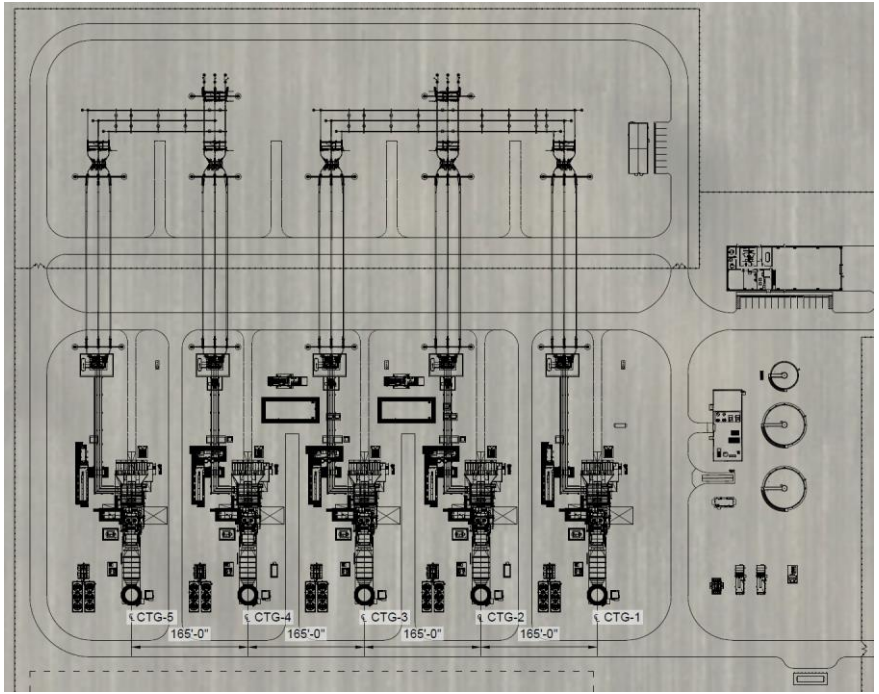
Project Components

- Fin fan coolers/radiators
- Maintenance building
- Admin/control building
- Exhaust stacks
- Auxiliary/electrical building
- Generation interconnection
- Gas yard

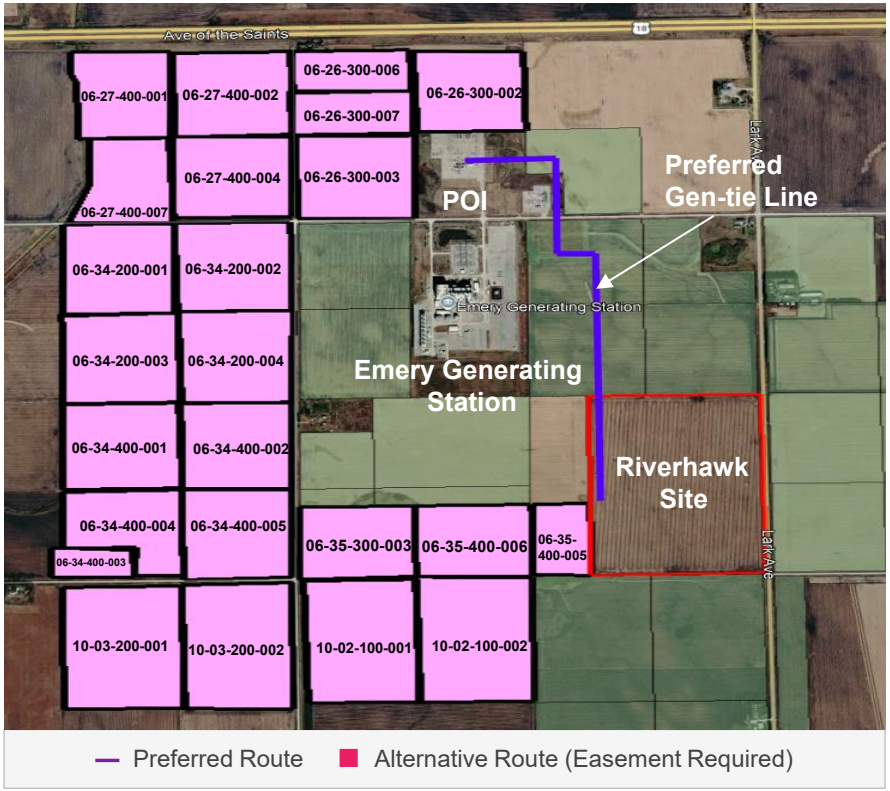


Required Transmission Needs

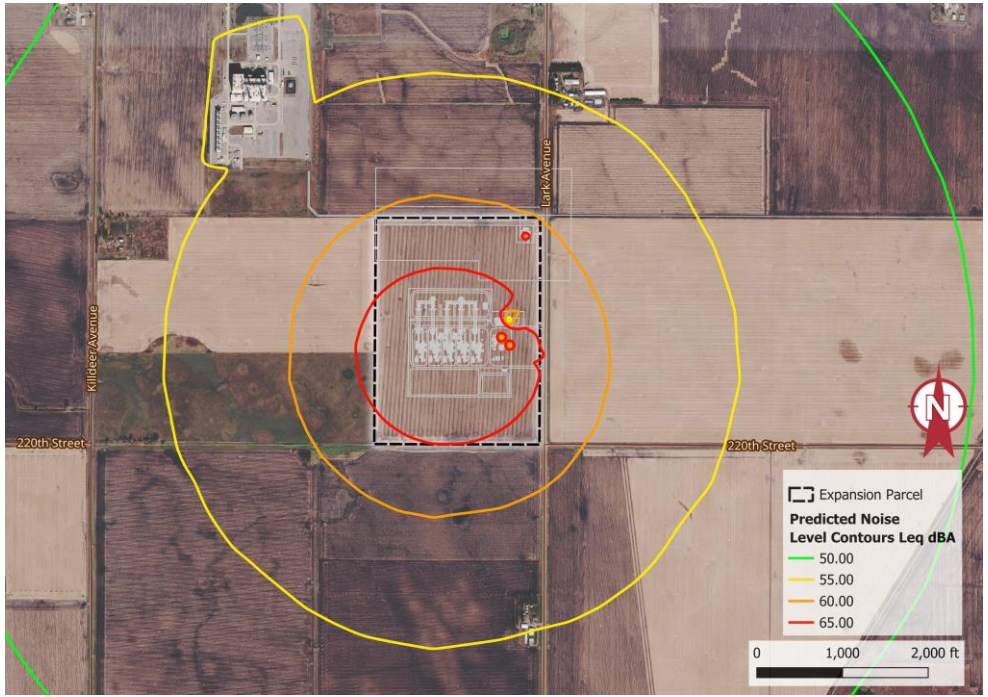
A dedicated transmission line (gen-tie) connects the Riverhawk Site to the **Killdeer Substation** (point of interconnection, or POI).

- **Preferred route (purple):** Under 1 mile, follows existing ITC transmission easements
- **Alternative route (pink parcels):** Slightly over 1 mile, requires new easements from landowners
- **Conversations continue with ITC Midwest to decide the path forward. Any new transmission over 1 mile will require its own regulatory process and IUC review.**

Preferred route: under 1 mile following existing ITC Midwest easements



Preliminary Sound Levels



Sound Pressure Level (dBA)	Environment
100	Motorcycle at 25 feet
90	Propeller plane flyover at 1,000 feet
80	Diesel truck (40 mph) at 50 feet
70	B-757 cabin during flight
65	Washing machine running
60	Air-conditioner condenser at 15 feet
55	Refrigerator running
50	Private office
40	Farm field with light breeze, birdcalls
30	Quiet residential neighborhood
20	Rustling leaves

Our Environmental Commitments

Protecting the environment and public health is central to how we plan, build, and operate.

Natural Resources

We anticipate no impacts to wetlands, endangered species, or cultural resources during construction or operation. Field assessments are in progress and final reports will be included with the application.

Water Use

The facility is designed to minimize water use and wastewater discharge. This facility will use 95% less water on an annual basis compared with the adjacent Emery Generating Station, while having 2x the electric generating capacity.

Air Quality

Air emissions will be carefully evaluated by experts at the DNR. We must demonstrate that the facility will meet all air quality standards before construction begins and throughout operation.

We take our environmental and public health responsibilities seriously and consistently meet the standards set by our regulators.

Alliant Energy

Environmental Studies and Mitigation

The following studies will be completed as part of the environmental permitting process.

1

Wetlands and Waterways

Est. Completion: June 2026

2

Endangered Species

Est. Completion: June 2026

3

Cultural Resources

Est. Completion: June 2026

4

Air Emissions Modeling

Est. Completion: July 2026

Construction can begin only when studies are complete and meet the regulatory standards set by the Department of Natural Resources and the State Historical Preservation Office.

Alliant Energy

Environmental Studies and Mitigation

Our Approach Follows the Established Regulatory Timeline

- We are requesting a generating certificate now **because the regulatory process is designed this way.** Environmental studies and the permitting process occur on parallel tracks — both are part of a coordinated timeline established by regulators.
  - **Seasonal accuracy requirements:** Most environmental field work can only be conducted during specific times of the year to produce scientifically valid results. Wetland delineations, endangered species surveys, and archeological surveys depend on seasonal conditions that allow for an accurate assessment of the site.
  - **Parallel tracks by design:** The air permit application will be reviewed by the Iowa DNR in parallel with the IUC review. These reviews are thorough and include opportunities for public involvement.
  - **No construction without completed studies:** All environmental studies must be completed and meet regulatory standards before the Iowa Utilities Commission will allow us to begin construction on the project.

Public Engagement Opportunities

- There are multiple opportunities for community input throughout the regulatory review process.
- IUC Docket No. GCU-2026-0005
  - The public can view our application once filed, file comments, and view IUC action on the project.
- Department of Natural Resources
  - The DNR will establish a schedule for reviewing this project once we submit a formal application.
  - The public can view the application once filed, leave comment during a designated period, and participate in the formal hearing.

Public Engagement Opportunities

IUC

Iowa Utilities Commission

Regulatory oversight for the project

DOCKET

GCU-2026-0005

EMAIL

iuc@iuc.iowa.gov

PHONE

515-725-7300

DNR

Dept. of Natural Resources

Environmental permitting and review

DOCKET

DNR will open once we file an application

EMAIL

webmaster@dnr.iowa.gov

PHONE

515-725-8200

Alliant Energy

Our Commitment to Customers

When growth is structured correctly, it can help keep rates stable for everyone.

You will not pay for large-load user growth. Large-energy users pay for the grid investments needed to serve them, not existing customers.

Your reliability comes first. We complete necessary upgrades before adding new energy loads, so your service stays dependable.

Independent oversight protects you. Regulators review and approve all investments and rates, with ongoing reporting to ensure accountability.

Growth without burden. New growth adds jobs and strengthens the tax base while we maintain cost-effective, reliable service for all.

Our Commitment to Customers

Alliant Energy has committed to keeping electric base rates stable through the end of the decade.

When growth is structured correctly, it can keep costs stable for everyone.

PHONE	WEBSITE	IUC DOCKET
1-800-ALLIANT	**alliantenergy.com/riverhawk**	**GCU-2026-0005**

Alliant Energy