



Welcome to Bliss Wind repowering community meeting

Contact us!

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Owned and developed by



Bliss Wind repowering project overview

Nameplate capacity

Up to 110.5 MW



Location

Town of Eagle, Wyoming County



Environmental benefits

Enough electricity to power 47,700 homes with electricity and reduce carbon dioxide emissions by 215,350 metric tons.



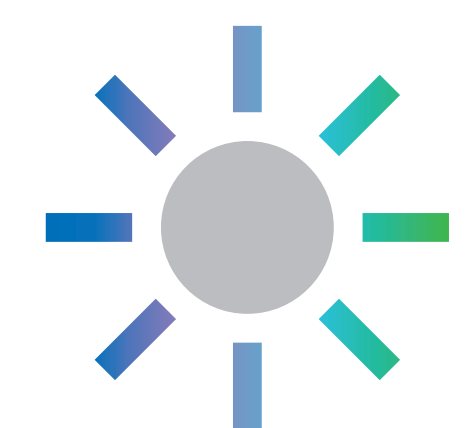
Project footprint

Approximately 320 acres*

*physical footprint once constructed



Commercial operation date of new facility (COD) 2028



Economic benefits

Bliss Wind has and will continue to make a positive economic impact on local tax payers by adding tax dollars to the local economy with relatively little increase in demand for local services. Bliss Wind repowering will create hundreds of high paying construction jobs and provide local operations jobs in New York State. A full repower of Bliss Wind will result in an extended life of up to 30 years, with increased energy production and continuation of economic benefits.

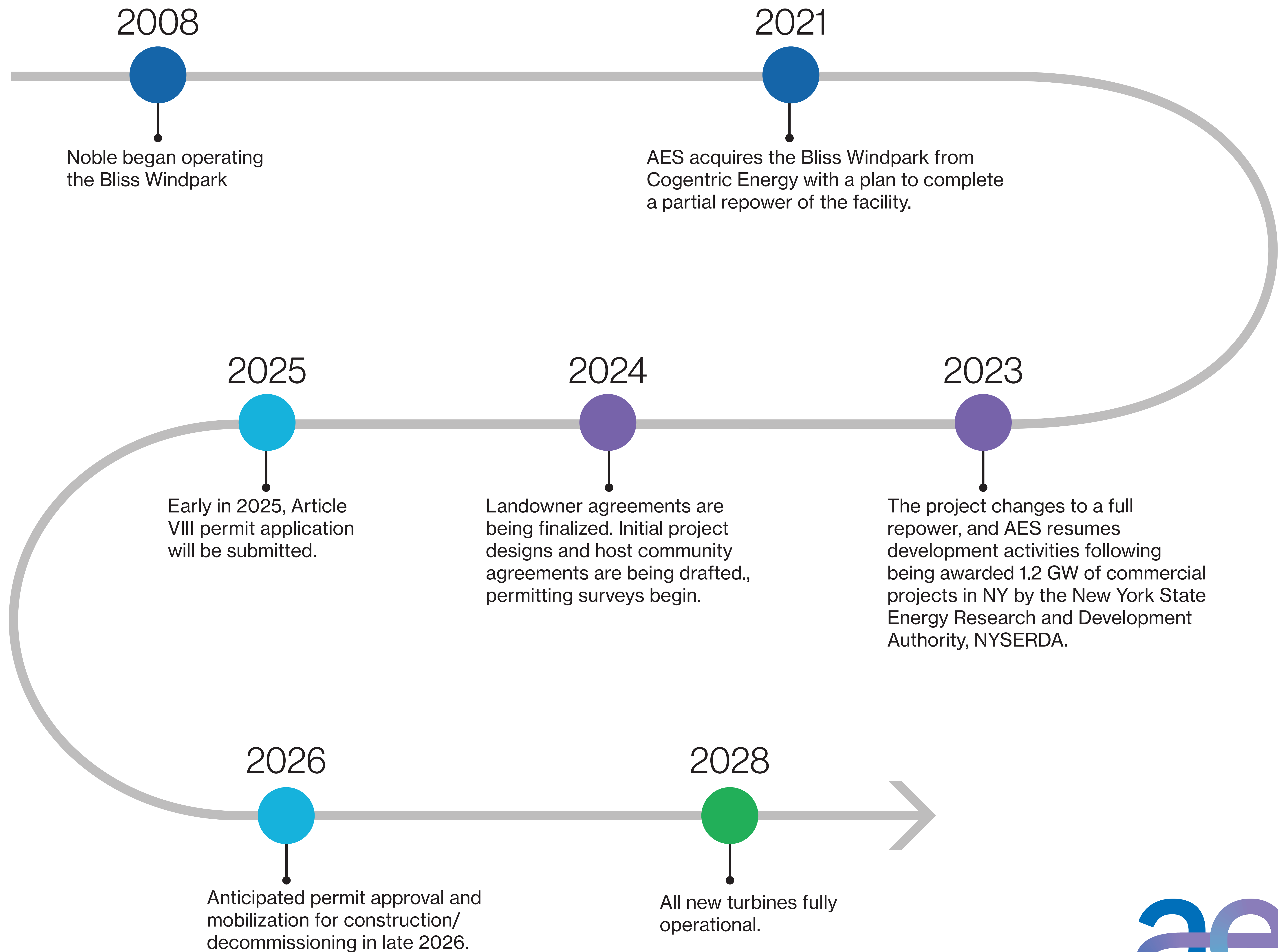


Contributions to local economy

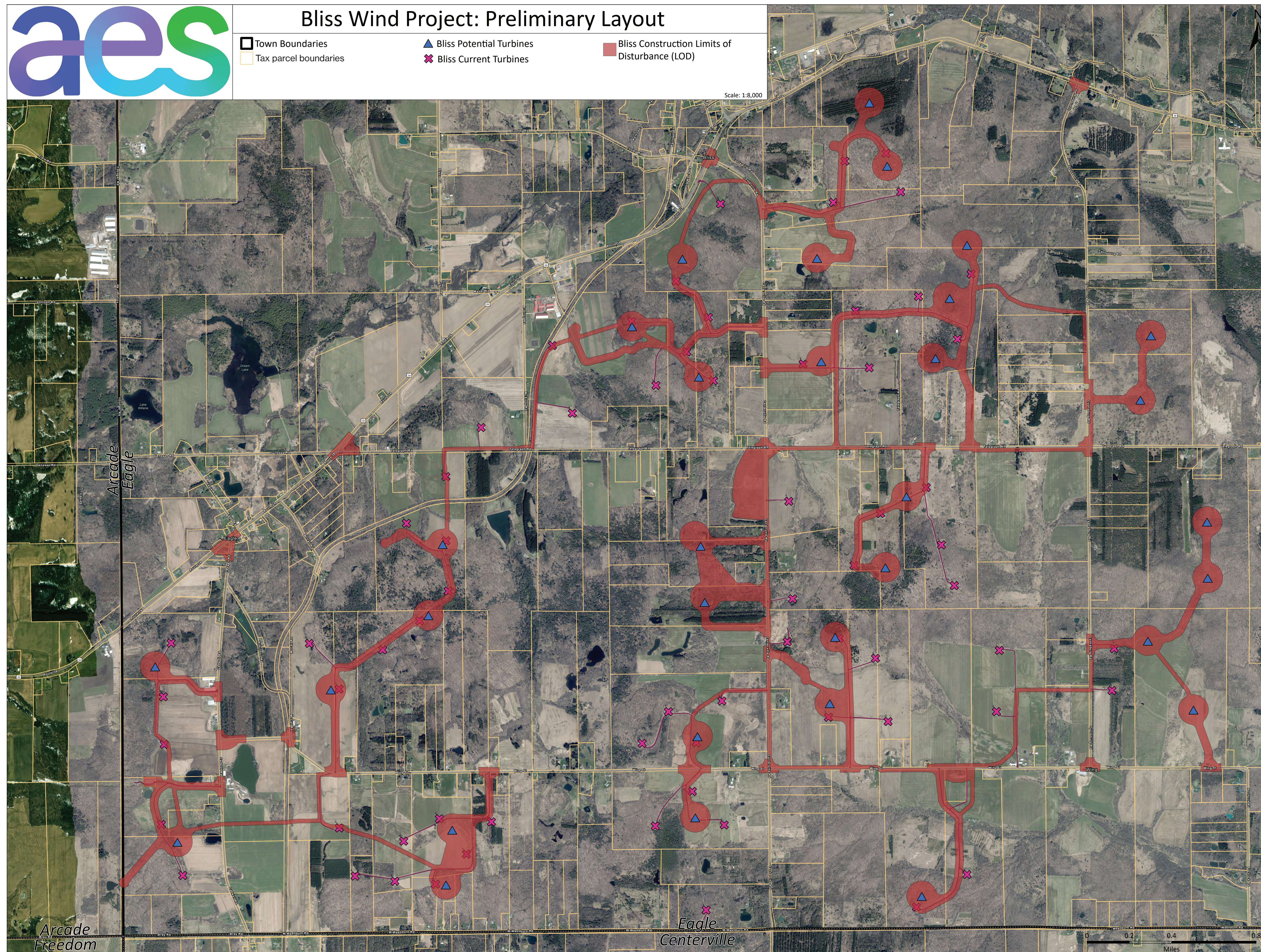
Since 2008 17 million dollars has been contributed to the local economy through HCA, PILOT and tax payments.



Bliss Wind repowering project timeline



Bliss Wind Project: Preliminary Layout



Article VIII (formerly 94-c)

Effective April 20, 2024, the Renewable Action through Project Interconnection and Deployment (RAPID) Act repealed Executive Law § 94-c, repealed the current Public Service Law Article VIII, and enacted a new Public Service Law article VIII entitled “Siting of Renewable Energy and Electric Transmission” (Article VIII).

The RAPID Act also transferred the Office of Renewable Energy Siting (ORES) from the Department of State to the Department of Public Service, continuing all existing functions, powers, duties, and obligations of ORES under the former Executive Law § 94-c. In addition, ORES’ existing regulations remain in full force and effect.

Projects that would have previously proceeded under § 94-c will now proceed under Article VIII.

The RAPID Act further builds upon the existing State permitting regulations, consolidating the environmental review, permitting, and siting of both major renewable energy facilities and major electric transmission facilities under the purview of ORES.



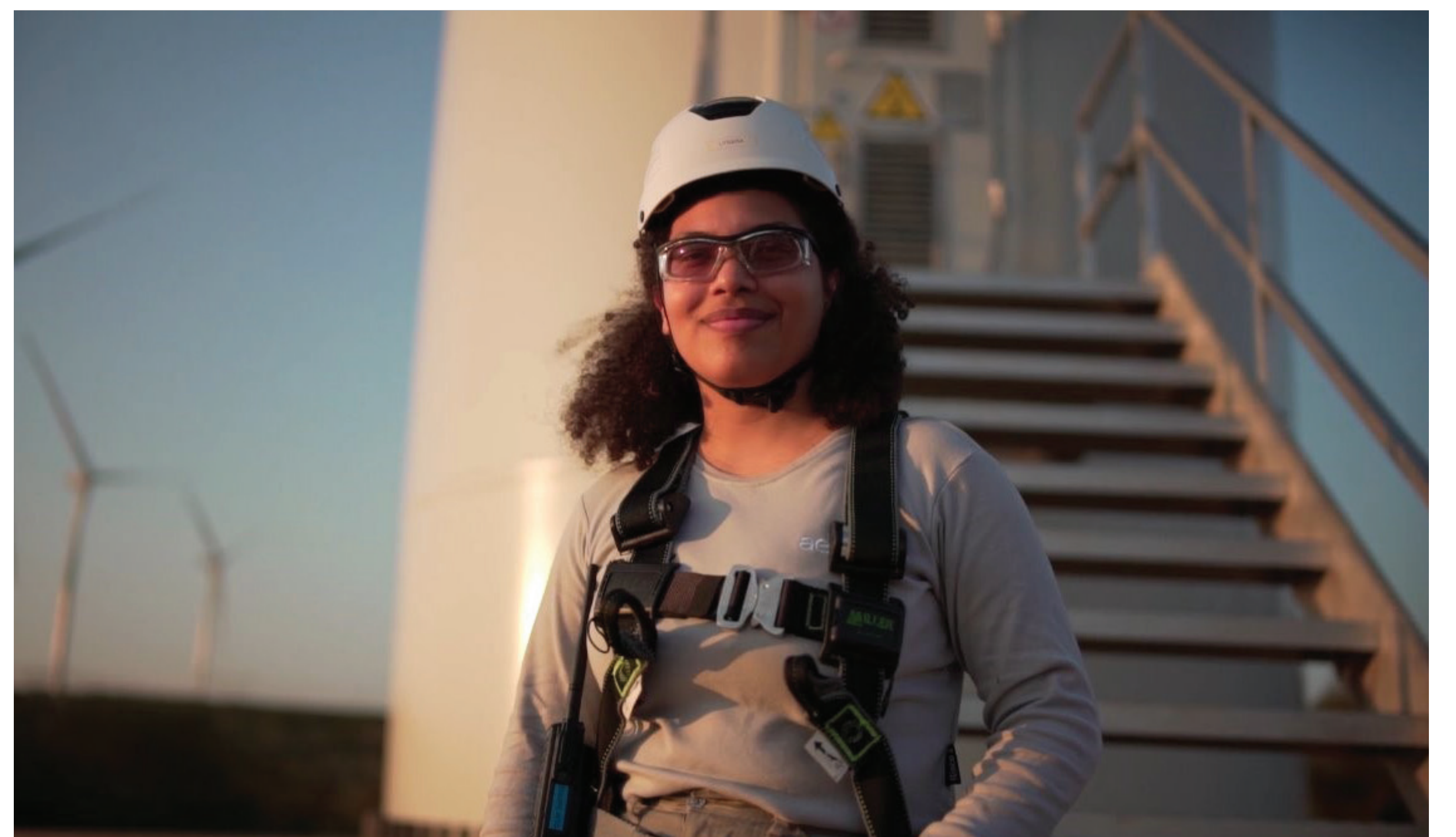
Article VIII permitting highlights

Prior to submitting an Article VIII permit application, Applicants are required to consult with the local agencies and stakeholders of the community(ies) in which the proposed project will be located.

ORES requires that state agencies (e.g. NYSDEC) are consulted on wetland and stream delineations, threatened and endangered species, and archaeological and cultural resources, if appropriate.

From the date of its receipt of a permit application, ORES (Office of Renewable Energy Siting and Electric Transmission) has 60 days to make a completeness determination. After a completeness determination, draft permit conditions will be issued by ORES for public comment. Within the comment period, the host municipalities must submit a statement indicating whether the proposed renewable energy facility complies with applicable local laws. ORES must issue a final decision on the siting permit within one year of the date on which the application is deemed complete.

Prior to application submittal, applicants must hold at least one meeting for community members and one Agency consultation with impacted agencies.



List of Article VIII application exhibits

1. General requirements
2. Overview and public involvement
3. Location of facility and surrounding land use
4. Real estate property
5. Design drawings
6. Public health, safety and security
7. Noise and vibration
8. Visual impacts
9. Cultural resources
10. Geology, seismology and soils
11. Terrestrial ecology
12. NYS threatened or endangered species
13. Water resources and aquatic ecology
14. Wetlands
15. Agricultural resources
16. Effect on transportation
17. Consistency with energy planning objectives
18. Socioeconomic effects
19. Environmental justice
20. Effect on communications
21. Electrical system effects and interconnection
22. Electric and magnetic fields
23. Site restoration and decommissioning
24. Local laws and ordinances
25. Other permits and approval

Environmental studies



Wetlands and streams

Biologists have conducted surveys on-site over several years to document the extents and characteristics of wetlands and streams. The Project will avoid and minimize impacts to wetlands and streams to the maximum extent practicable.

AES is coordinating with ORES (Office of Renewable Energy Siting and Electric Transmission) regarding jurisdiction, permitting, and potential mitigation.



Listed species and habitat

Biologists conduct surveys to identify protected plant and wildlife and their habitats. Avian surveys were conducted on-site for wintering raptors, grassland breeding birds, and forest raptors.

AES will continue to coordinate with ORES and NYSDEC regarding habitat occupied by listed species. AES is designing the Project to avoid and minimize impacts; if unavoidable, AES will implement mitigation in the form of a Net Conservation Benefit Plan.



Cultural resources

AES is conducting thorough evaluations (both desktop and field studies) to identify the presence of culturally significant resources on-site and will implement avoidance measures as necessary.

AES is coordinating with NYS Historic Preservation Office (SHPO).

Environmental studies



Visual resources

- The Application will include a viewshed analysis showing potential visibility of the Project.
- Photo simulations, including existing and proposed conditions, will be developed for the Application and will include any proposed landscaping.
- AES will work with the Towns to select viewpoints for the visual simulations to be submitted in the application.
- Methodology and results of the visual analysis will be included as part of a formal Visual Impact Assessment (VIA).



Noise analysis

- A Noise Impact Assessment (NIA) will be prepared to compare proposed sound conditions to ORES requirements at the Facility Site and surrounding properties.
- Noise modelling is completed to ensure noise levels comply with ORES requirements.

Environmental studies



Transportation

- A traffic assessment is being conducted to identify proposed routes for construction traffic and oversize equipment such as turbine blades and nacelles.
- The assessment considers the location and conditions of local roads and bridges.



Public Health and Safety

- A Site Security Plan and Safety Response Plan are being prepared with feedback from the first responder community.
- AES will conduct training of Local First Responders prior to installation and annually thereafter.

Environmental studies



Geotechnical Investigation

- AES will conduct geotechnical surveys in the spring of 2025 to fully understand soil and subsurface characteristics. Tree clearing will be completed this winter to complete these surveys.



Turbine Layout and Limits of Disturbance

- Preliminary layouts are in the process of being studied by environmental and engineering experts. The layout is not yet final and is subject to review by state and federal agencies.
- Civil and electrical infrastructure will be designed based on the locations of turbines.

Decommissioning of the existing facility

Energetic felling

Energetic felling is the process of grounding existing turbines with a controlled explosive, followed by ground crews removing all material and thoroughly cleaning the area.

Oils, greases, and electronics are removed from the wind turbine prior to energetic felling to prevent contaminating the property.

After the turbine has been grounded, components are disassembled and removed for disposal or recycling. Foundations and underground collection lines will be removed in accordance with the requirements of the Host Community Agreement.



Safety and communication

Landowners and the Town will be notified prior to decommissioning of the facility. AES will coordinate with landowners to ensure the site is safe and accessible.

AES will solicit landowner feedback and walk the property after decommissioning to ensure that component removal and site cleanup is satisfactory.

Where deemed necessary, AES may use cranes to de-stack the existing turbines.

Decommissioning of the repowered facility

Facility decommissioning will be initiated when the repowered facility reaches the end of its operational life. Valcour Bliss NewCo, LLC (the Applicant) will be responsible for the decommissioning of the facility.

The cost of decommissioning will be estimated by a third party engineer and the estimated net cost amount plus 15%, is placed as security which towns have access to in the event it is needed. Towns will be consulted on the cost estimate for decommissioning.

The Applicant will provide notice by mail to landowners and the town of Eagle prior to commencing decommissioning work.

As part of the decommissioning process, the facility will be restored to its pre-construction conditions. It is the industry standard to remove all components up to three feet below ground, however AES will comply with any additional state and local regulations to restore the land back to its original condition.

The Applicant shall consult with NYISO and the local utility to complete the de-energization efforts and ensure there is no disruption to the electrical grid.



Local agency account funding

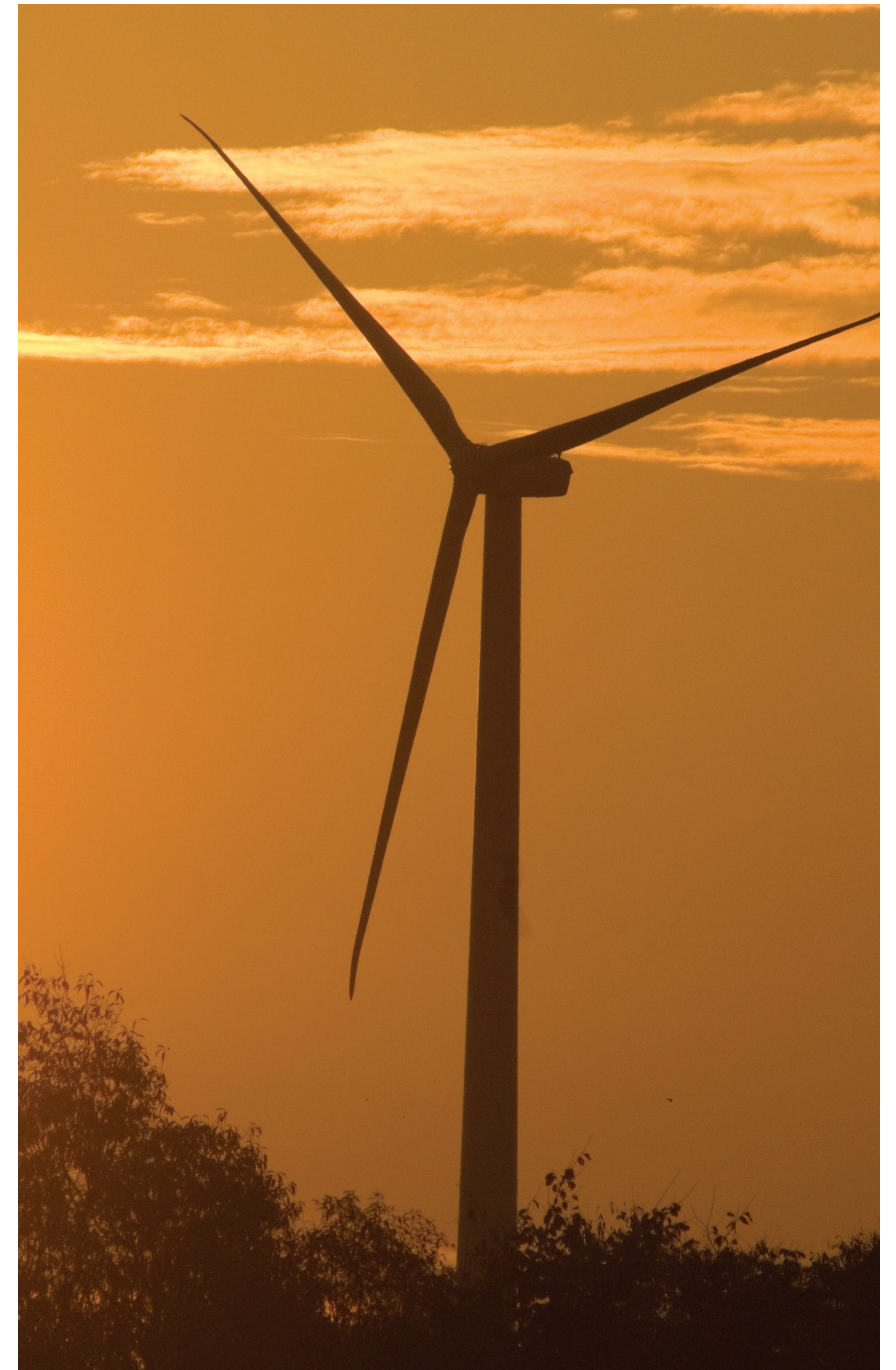
Article VIII requires that Applicants submit a fee to be deposited in a local agency account in an amount equal to \$1,000 for each MW of capacity for a total of \$110,550.

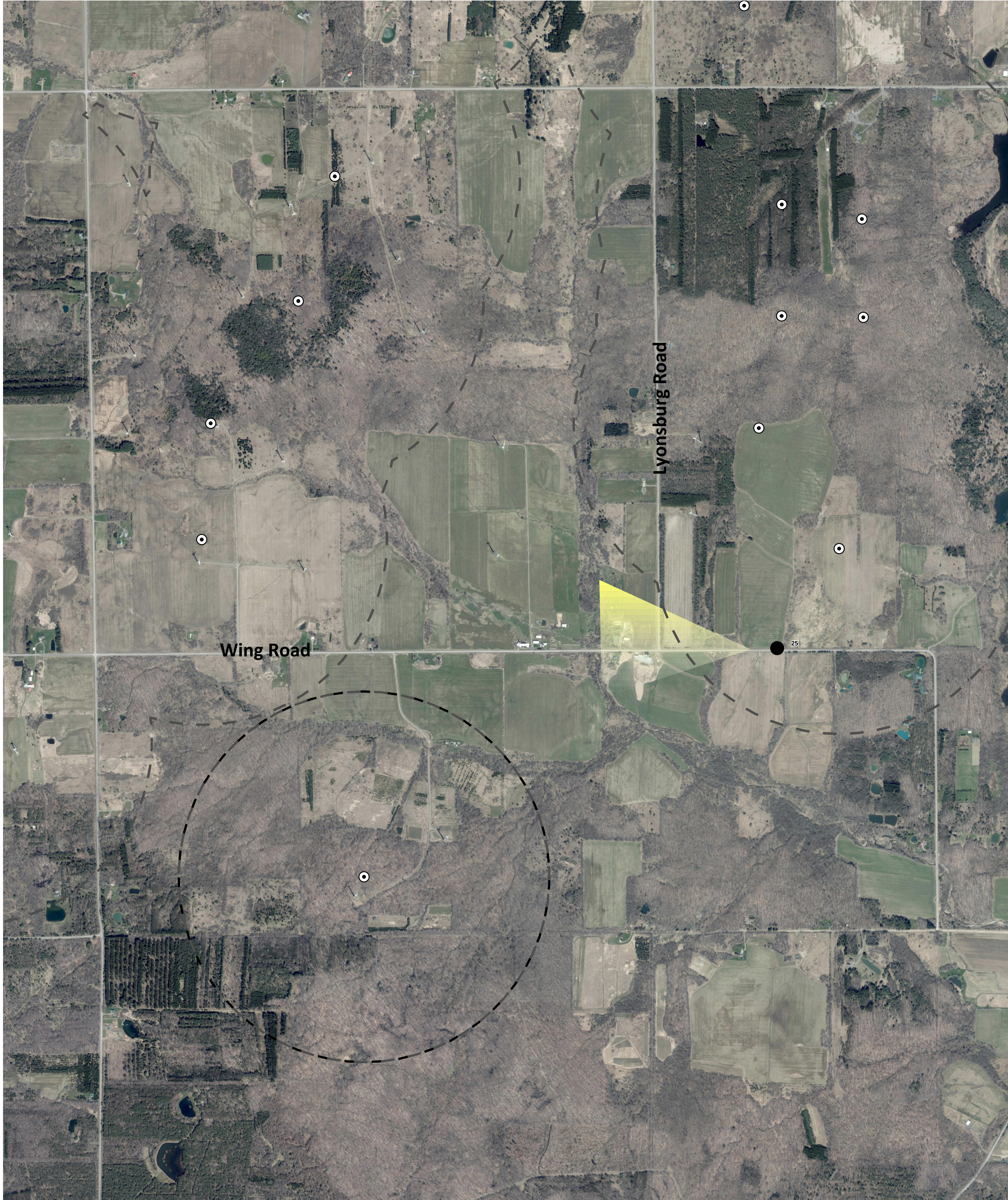
Any local agency or potential community intervenor can submit a request for initial funding within thirty (30) days of the date of application filing and that such request may be made by mail to the:

Office of Renewable Energy Siting Attention:
Local Agency Account Funding Request
c/o OGS Mailroom Empire State Plaza
240 State Street P-1 South, J Dock
Albany, NY 12242

or by email to
hearings@ores.ny.gov
Subject line "Local Agency Account Funding Request"

Funds can be requested to complete the project record, and for local agencies this includes using the funds to determine if the proposed facility complies with local laws and requirements. Seventy-five (75) percent of the local agency account funds for each project are reserved for potential awards to local agencies (host municipalities).





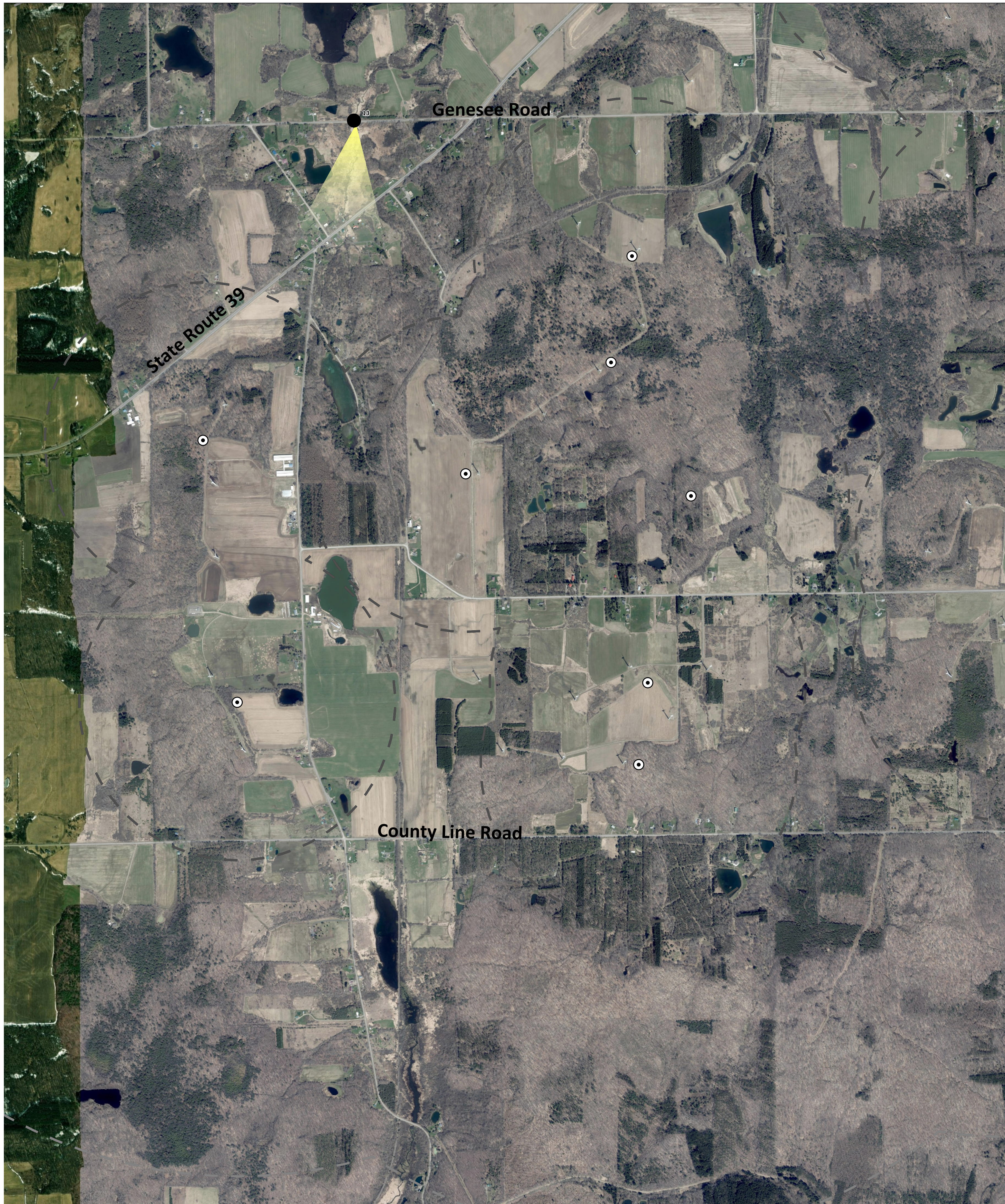
LEGEND

- ⊙ Turbine Location
- Viewpoint Location (VP 25)
- Cone of View

Distance Zones

- ⌈ ⌋ Near-foreground (0.0-0.5 mile)
- ⌈ ⌋ Foreground (0.5-1.5 miles)
- ⌈ ⌋ Middle ground (1.5-4.0 miles)
- ⌈ ⌋ Background (4.0+ miles)





LEGEND

- ⊙ Turbine Location
- Viewpoint Location (VP13)
- Cone of View

Distance Zones

- ⌈ ⌋ Near-foreground (0.0-0.5 mile)
- ⌈ ⌋ Foreground (0.5-1.5 miles)
- ⌈ ⌋ Middle ground (1.5-4.0 miles)
- ⌈ ⌋ Background (4.0 + miles)

Before



After



Before



After



AES' social impact program

Program Mission

The AES Social Impact Program partners with communities to strengthen positive impact through socioeconomic and environmental partnerships that improve lives today and in the future.

Partnering With Communities

AES people live and work in the communities we serve to fulfill our commitments in New York and around the world every day.

Partnerships in Western New York

- Friends of Letchworth State Park
- Autism Nature Trail
- Village of Arcade
- Eagle Free Library
- Peers Together of Wyoming County
- North Java Fire Department
- Genesee Community College
- Western New York DECA
- Rochester Ecology Partners
- Chances and Changes
- Barre Betterment Committee



Social Impact Pillars

Our 4 focus pillars are the initial framework for providing donations to positively impact host communities and regions.



Partnering for access to safe, efficient, and affordable energy and basic services.



Partnering for inclusive economic growth and education.



Partnering for the environment.



Partnering for community resilience.