

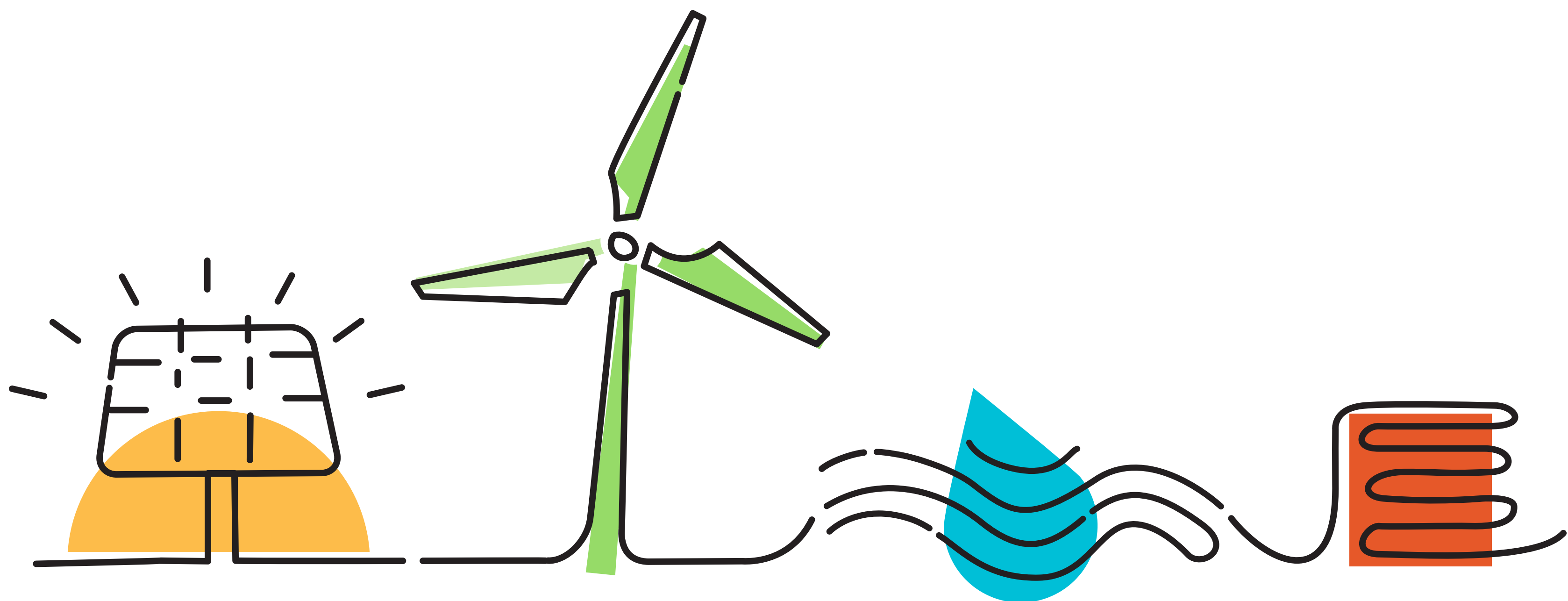
WELCOME TO THE

Buffalo Branch Wind Project Open House

Please sign in at the front and provide your contact information if you would like to receive Project updates

We invite you to walk around and look at the displays. If you have questions or comments, please ask one of our representatives.

Thank you for attending!



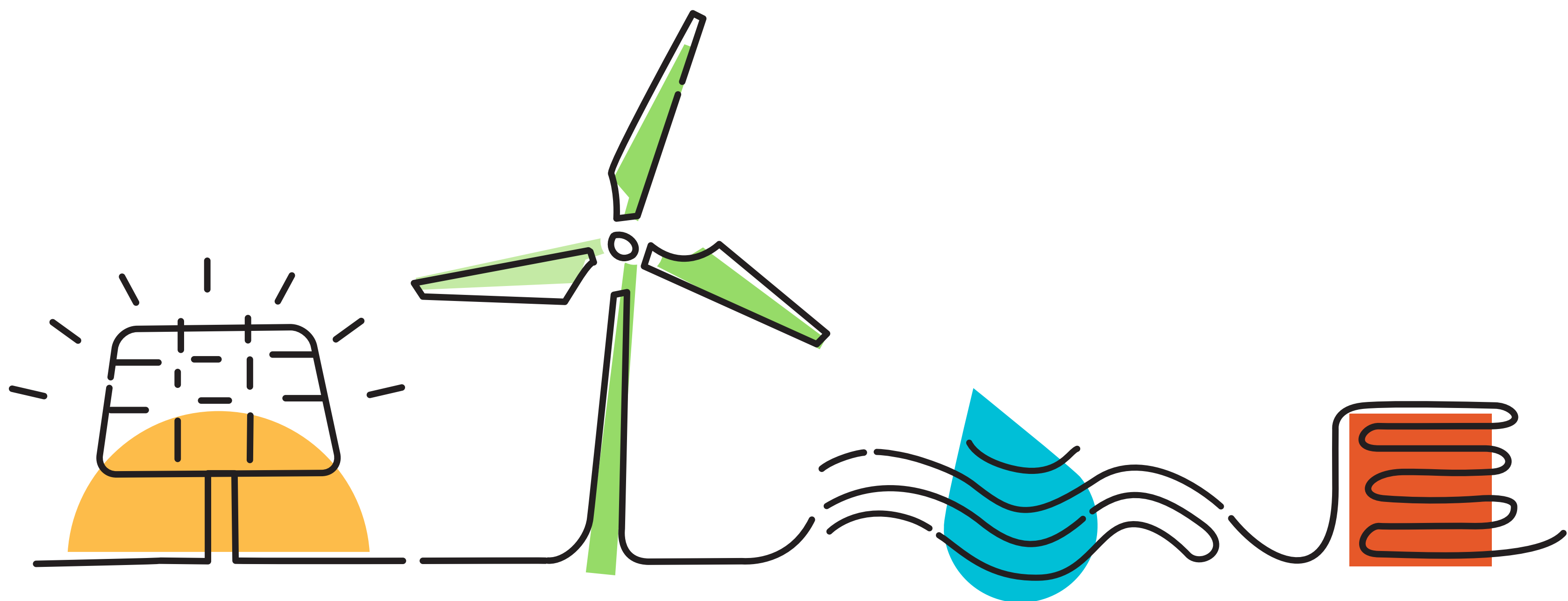
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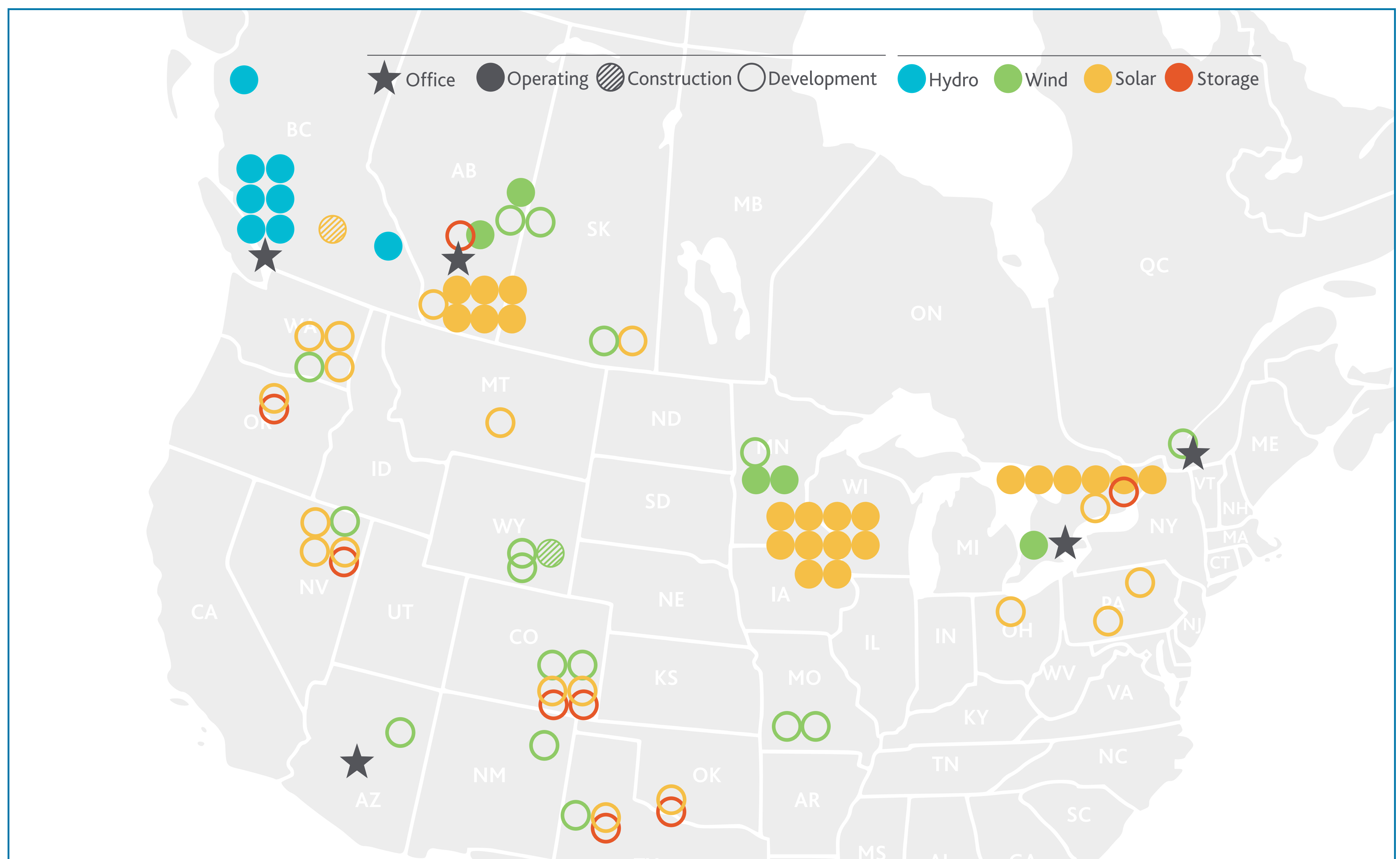


About BluEarth Renewables

BluEarth Renewables brings together extraordinary people with the power to change the future™ by delivering renewable energy to the power grid every day. We are a leading, independent, power producer that acquires, develops, builds, owns and operates wind, hydro, solar and storage facilities across North America. Our portfolio includes over 950 MW_{AC} (gross) in operation, under construction and contracted pre-construction and over 7 GW of high-quality development projects that are actively being advanced. In addition, we provide third-party operations for over 300 MW of wind and solar across North America.

For more information, visit bluearthrenewables.com

Our Portfolio



BluEarth Renewables US LLC is the US affiliate of BluEarth Renewables Inc.

Power to Change THE FUTURE™

Buffalo Branch Wind Projects

Project Background

Development work has been underway on the Buffalo Branch Wind Project since 2018.

BluEarth Renewables first began outreach efforts on Buffalo Branch I in 2022 after acquiring the project from Nature's Energy Group. Over the past three years, we have conducted pre-construction wildlife surveys that are consistent with the U.S. Fish and Wildlife Service Land-based Wind Energy Guidelines and Missouri Game & Fish recommendations.

The Buffalo Branch II Project was acquired by BluEarth in 2023 and is following a similar development strategy to Buffalo Branch I. The site is currently being analyzed for wind resource, sensitive habitat and other biological features.



Buffalo Branch Wind Projects

Project Overviews

Buffalo Branch I

The Buffalo Branch I Project is located on privately owned lands and is being carefully assessed for setbacks, wind resource and sensitive habitat.

Project Details	
Location	South of Lockwood and Greenfield, MO
Point of Interconnection	New substation near the project lands
Project Area	15,000+ acres
Expected Capacity*	247 MW
Preliminary Site Plan*	Up to 60 wind turbines

Buffalo Branch II

The Buffalo Branch II Project is a newer development located north of the existing Buffalo Branch I Project. The site is still being optimized for layout and connectivity.

Project Details	
Location	North of Lockwood and Greenfield, MO
Point of Interconnection	To be determined
Project Area	15,000+ acres
Expected Capacity*	150 MW
Preliminary Site Plan*	Up to 45 wind turbines

*Estimated

Buffalo Branch Wind Projects

Community Benefits

The Buffalo Branch I Wind Project will benefit the local community through additional long-term tax revenue, employment during construction and operations, and boosts to the local economy with the procurements of goods and services.

	Buffalo Branch I Wind Project
Fiscal Benefits & Tax Revenue	
Cost of Construction	\$150 million*
Material Cost	\$275 million
Taxes	\$2.5 million*
Employment Benefits	
Construction Employment	Up to 170
Average Monthly Wage (Construction)	\$3,800 / worker
Operations Employment	Up to 10
Average Monthly Wage (Operations)	\$3,360 / worker

* To be revised based on final regulatory approval

We are committed to strengthening the local economies where we live, work and operate by investing in and giving back to the local community for decades to come. In addition to the above benefits, we will establish a Community Project Fund to provide annual support to local programs and initiatives, as well as provide local workforce training and upgrades to county roads used for transportation of construction equipment.

Submit a Funding Request at
blueearthrenewables.com/funding

Buffalo Branch Wind Projects

Giving Back to the Local Community

We are proud to give back to the local communities where we live, work and operate. We look for opportunities to contribute that are most meaningful to our stakeholders.

To date BluEarth has contributed to local organizations including the Lockwood Chamber of Commerce and Lockwood R1 Schools.

- In 2022, we supported the Lockwood Chamber's rodeo lighting supply and installation
- In 2023, we made a donation to the Lockwood R1 Schools which was directed towards the Physical Education Equipment Fund
- In 2024, we sponsored the Lockwood Chamber's Bull Blast Event



Buffalo Branch Wind Projects

Environmental Studies

Pre-construction wildlife surveys completed for the Project are consistent with all applicable U.S. Fish and Wildlife Service (USFWS) guidelines including the Land-based Wind Energy Guidelines and Eagle Conservation Plan Guidelines. We are coordinating frequently and extensively with federal and state environmental agencies, including the USFWS and Missouri Department of Conservation (MDC), to gather all necessary baseline data to permit the project.

The following environmental studies have been completed, are currently underway, or are planned to be completed for the Project:

- Phase I Environmental Site Assessment – completed 2021
- Critical Issues Analysis (CIA) – completed 2022
- Raptor and Eagle Nest Surveys – completed 2023
- Eagle Surveys, Migration, and Bird Use Counts – completed 2024
- Bat Acoustic Monitoring – completed 2024
- Special Status Species Habitat Assessment – completed 2024, to be updated in 2025 with addition of new project lands
- Wetland and Waterbodies Surveys – to be completed 2025
- Cultural Resource Field Studies – to be completed in 2025



Buffalo Branch Wind Projects

What's Next?

The Project has been diligently working with the grid operator, electrical equipment manufacturers and offtakers for power purchase agreements in order to define a concrete schedule.

Below is an overview of the next steps the Project will be working towards in 2025:

- Continuation of environmental field studies and surveys
- Geotechnical studies to evaluate ground conditions and determine suitable turbine locations
- Updating engineering work
- Advancing commercial discussions with interested power purchase customers
- Land title work and new land acquisition
- County commissioner discussions
- Project cost estimating

There has been significant interest from offtakers given the strong wind resource in this part of Missouri and the attractiveness of a later-stage development project with an interconnection agreement. We will continue to keep our stakeholders informed throughout the development process and will share updates as soon as they are available.



Buffalo Branch Wind Projects

Project Siting & Constraints

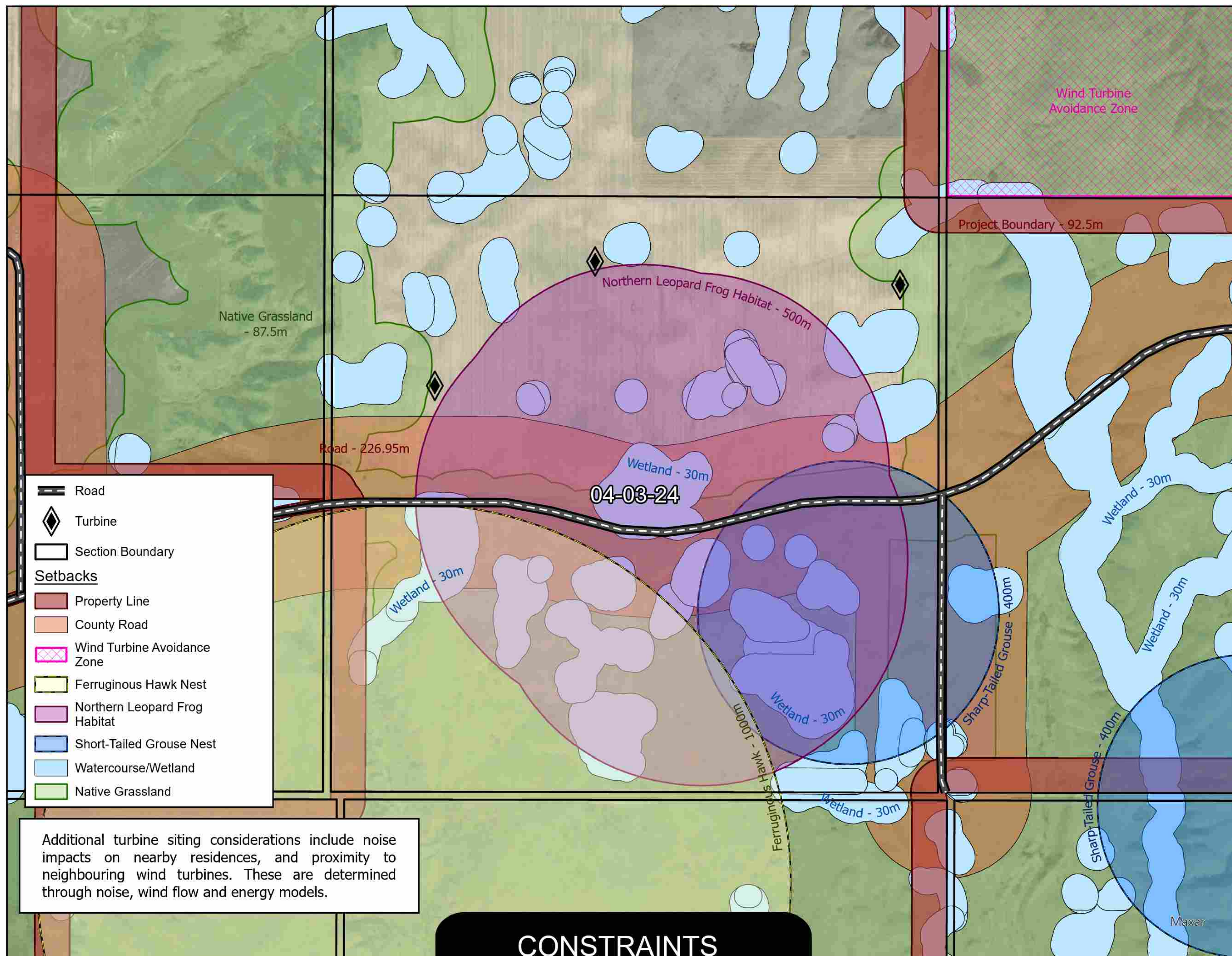
There are several factors that we must take into consideration when siting infrastructure for a project.

Some of these factors include:

- Environmental features
- Noise compliance
- Administrative / infrastructure setbacks (property lines, roads, transmission lines, oil & gas)
- Cultural / land use features
- Construction constraints (high slope areas, microwave beam paths)



Buffalo Branch Wind Projects



- Road
- Turbine
- Section Boundary
- Setbacks**
- Property Line
- County Road
- Wind Turbine Avoidance Zone
- Ferruginous Hawk Nest
- Northern Leopard Frog Habitat
- Short-Tailed Grouse Nest
- Watercourse/Wetland
- Native Grassland

Additional turbine siting considerations include noise impacts on nearby residences, and proximity to neighbouring wind turbines. These are determined through noise, wind flow and energy models.

CONSTRAINTS

Buffalo Branch Wind Projects

Project Decommissioning

At the end of the Project life, the site will be decommissioned and reclaimed based on industry standards and best practices.

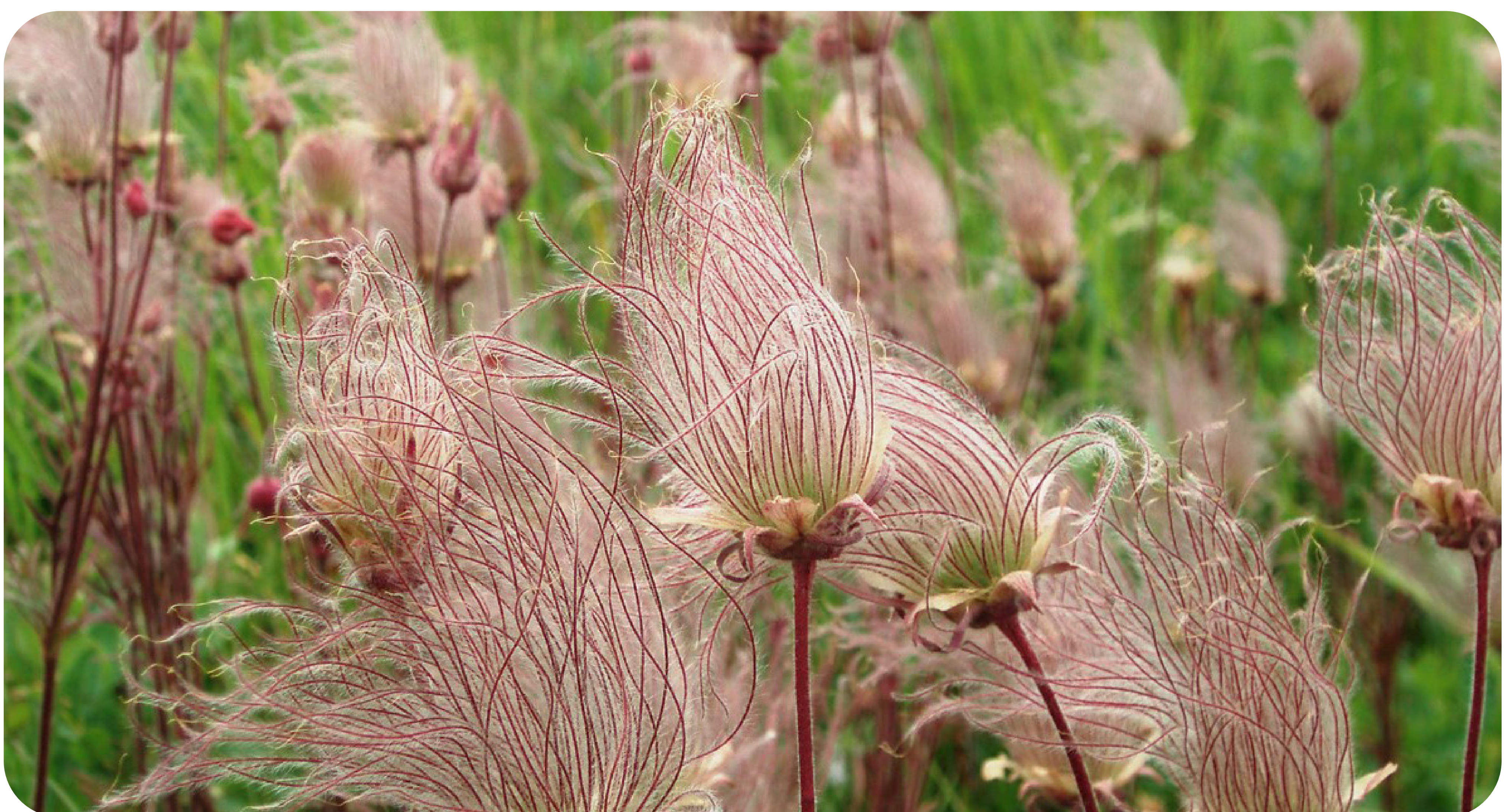
Decommissioning

- Wind turbines disconnected, dismantled and removed from site
- Substation components disconnected, dismantled and removed from site
- Concrete foundations (wind turbine pads, crane pads, substation) removed
- Overhead electrical cables and support structures removed and taken off site
- Underground cables removed
- Roads to be decommissioned and gravel removed*
- Operations and maintenance building to be removed*
- Gates and cattle guards to be removed, fence replacement*

Reclamation

- Roads, turnarounds, crane pads and foundations
- Decompaction of soil
- Filling voids and excavations
- Contouring of land to match pre-construction landscape
- Reseeding with appropriate seed mix as defined by appropriate governing body

* Unless requested by landowner to be left in place



Thank you for attending!

We appreciate the opportunity to share more information with you about the Buffalo Branch Wind Projects.

We look forward to working with you to strengthen the local economy by investing in and giving back to the community for decades to come.

Visit: bluearthrenewables.com/buffalo-branch

Email: projects@bluearthrenewables.com

Phone: 1.844.214.2578

