COVID-19 PROTOCOLS

Riverbend Wind Project

Please sign in with the desk as Liberty must track all attendees for Covid tracing under State Guidelines.

No more than 25 people will be allowed in the tented area.

Masks are required to enter the tented area .

Maintain 6 ft. of physical distancing and stay with family members as much as possible during the meeting.

Please sanitize hands prior to entering the tented area.

Once you have signed in you will be given a ticket to enter the raffle!!

Raffle:

- One entry per family
- 2 Grills will be raffled
- A ticket will be provided once you have signed into the meeting

Green Mountain Grills
Prime Wifi Trek Pellet Grill

RIVERBEND
WIND PROJECT

THANK YOU FOR COMING

To The
Riverbend Wind Project
Information Session
In Fremont Township.

BEFORE YOU LEAVE

Please Complete A Comment Card, Or
Send Your Comments By Mail Or Email:

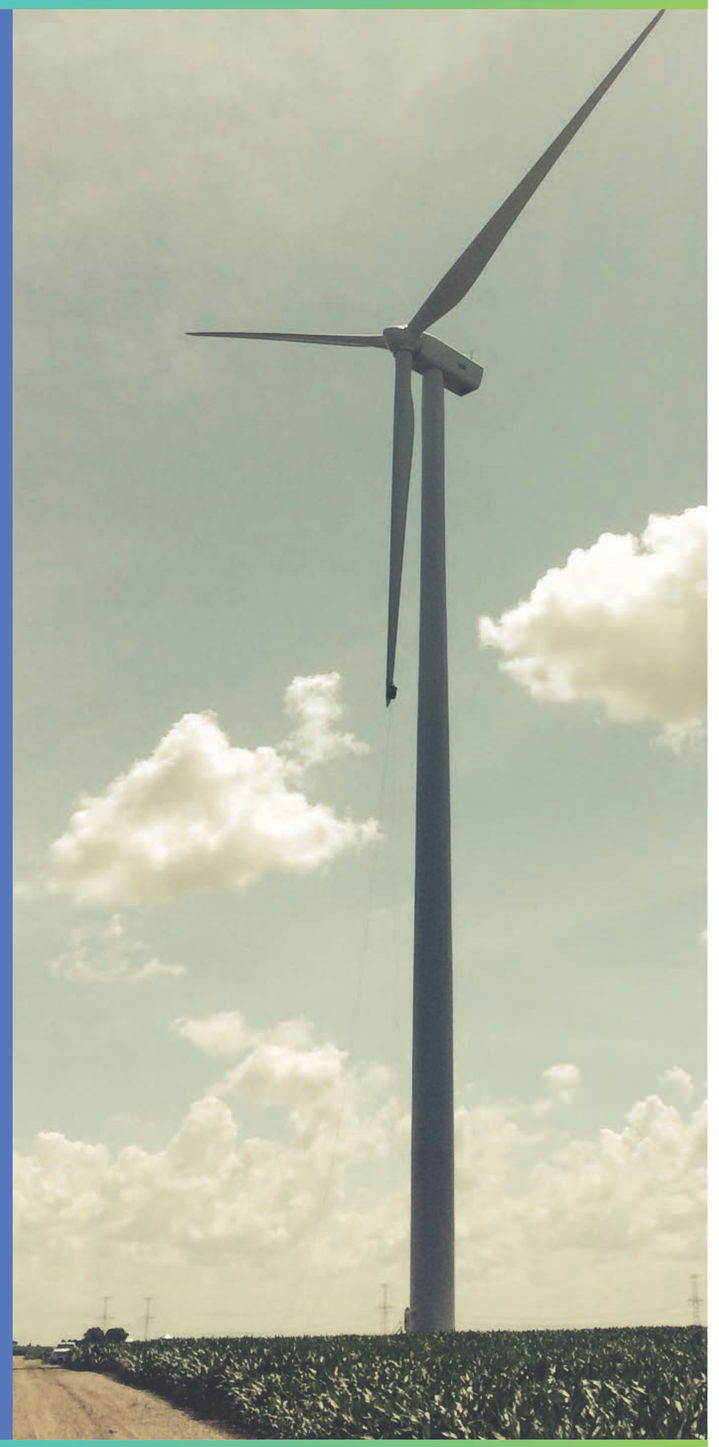
HAVE QUESTIONS?

Email Us:
RiverbendWind@algonquinpower.com

Mail Us:
354 Davis Road, Oakville, Ontario L6J 2X1

Call Us:
1 (833) 631-1059

Riverbend
Wind Project



COMPANY HISTORY

Riverbend Wind Project

Algonquin Power & Utilities Corp. (APUC) was established in 1988 as a developer of small hydro projects in Ontario.

APUC was publicly listed as a common share on the Toronto Stock Exchange in 1997 and in 2016, was publicly listed as a common share on the New York Stock Exchange.

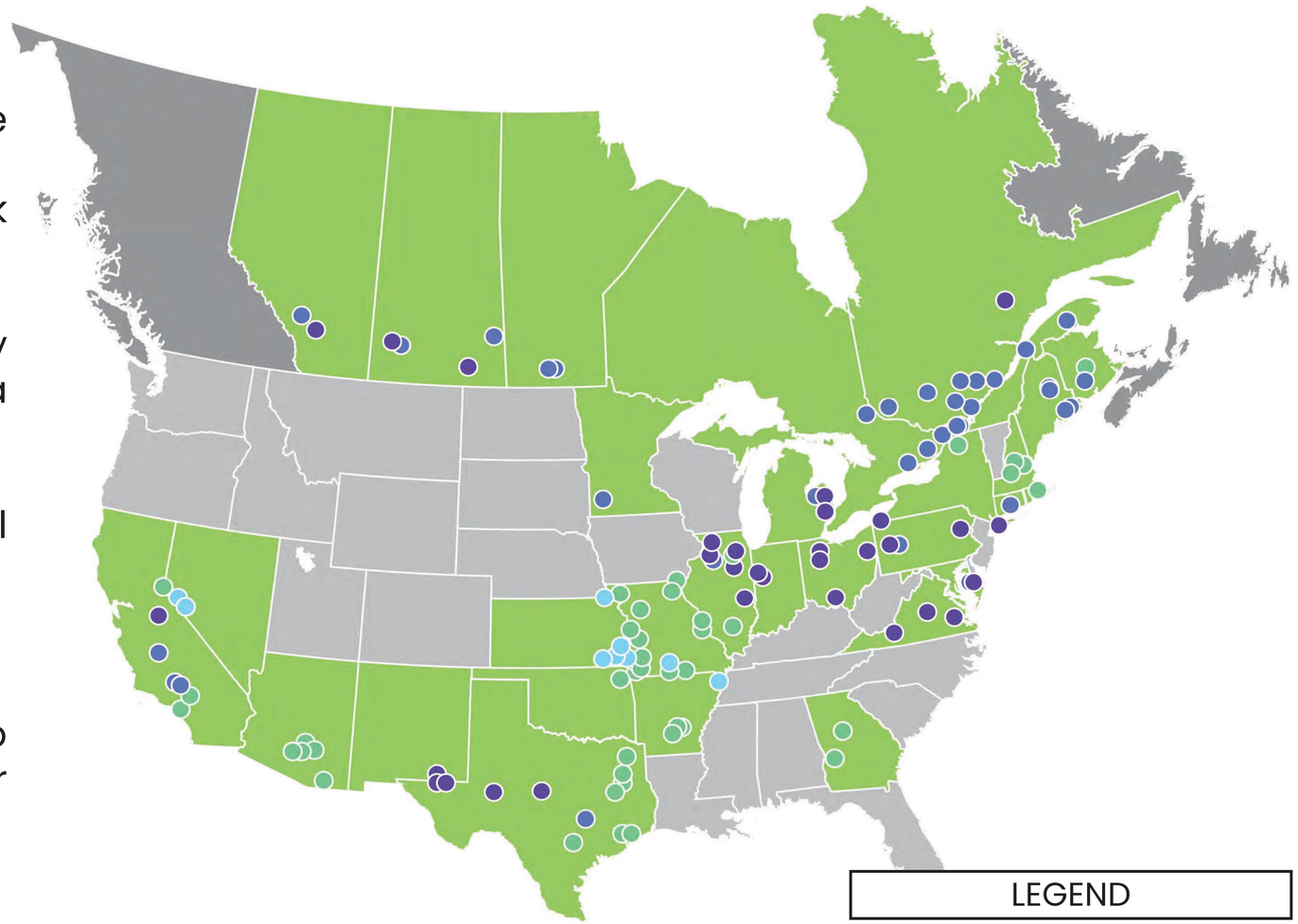
Since then, Algonquin has expanded into the utility business through Liberty Utilities, and has become a market leader in renewable generation through Liberty Power. APUC is located in 21 states and 6 provinces with approximately 3400 employees in total across the company.

Liberty Power

Liberty Power Co. owns and has interests in a portfolio of North American renewable and clean energy power generating facilities representing over 3 GW of renewables in operation and under construction.

Liberty Utilities
WATER | GAS | ELECTRIC

Liberty Utilities provides regulated water, natural gas, and electric utility services to over 800,000 customers through operations in 13 U.S. states.



RENEWABLE ENERGY PROJECTS

Riverbend Wind Project

Under Development

Deerfield Wind Energy 2 Project
Huron Township, Michigan (112 MW)

Mural Energy Facility
Vermilion County, Illinois (418 MW)

Under Construction

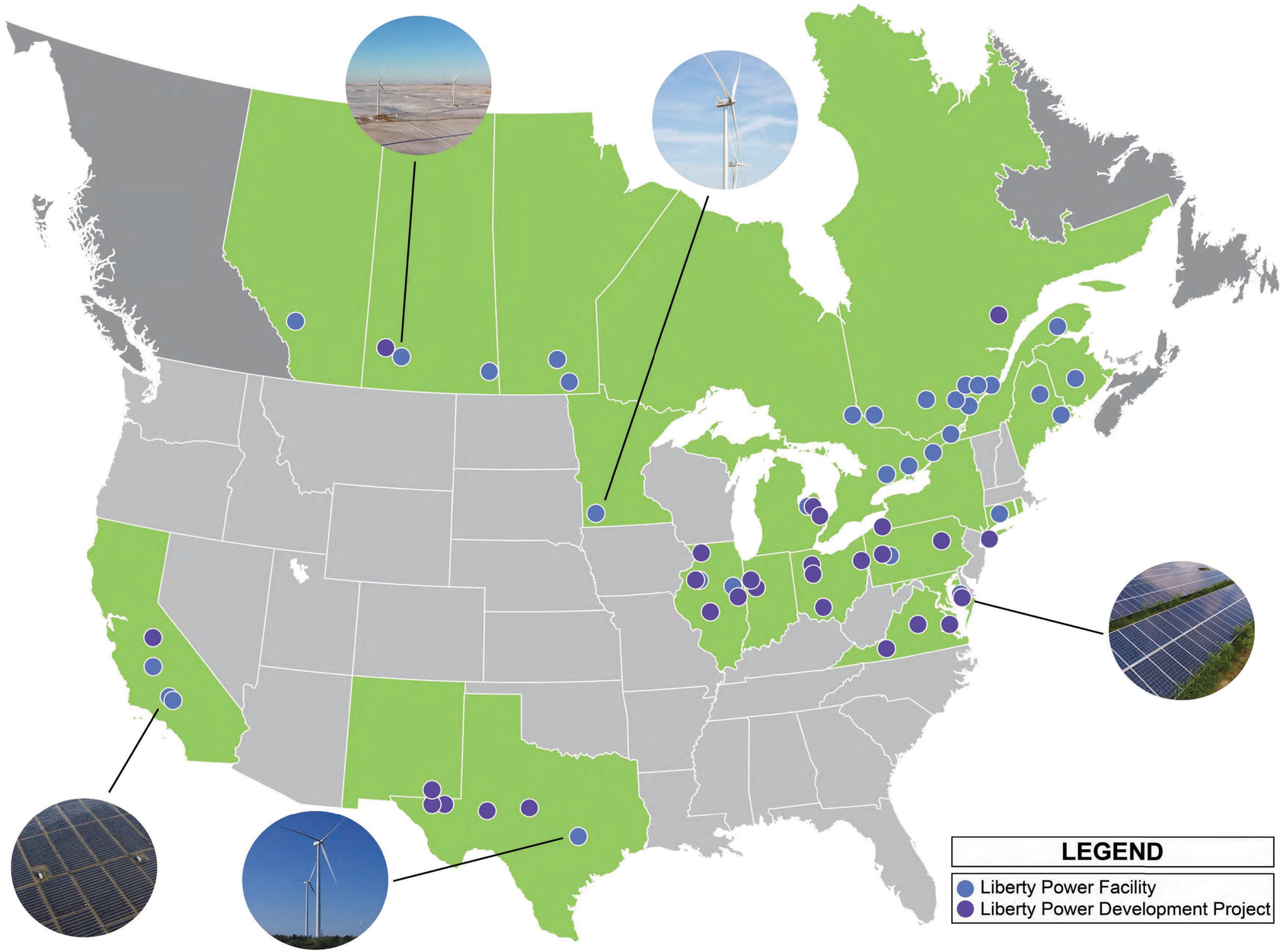
Shady Oaks 2 Wind Project
Lee County, Illinois (118 MW)

Highland Cincinnati Solar Project
Highland County, Ohio (100 MW)

Recent Operating

Maverick Creek Wind Project
Concho County, Texas (492 MW)

Sugar Creek Wind Project
Logan County, Illinois (202 MW)



PROPOSED PROJECT AREA

Riverbend Wind Project

Project Location:
Township of Fremont & Speaker, Sanilac County, Michigan.

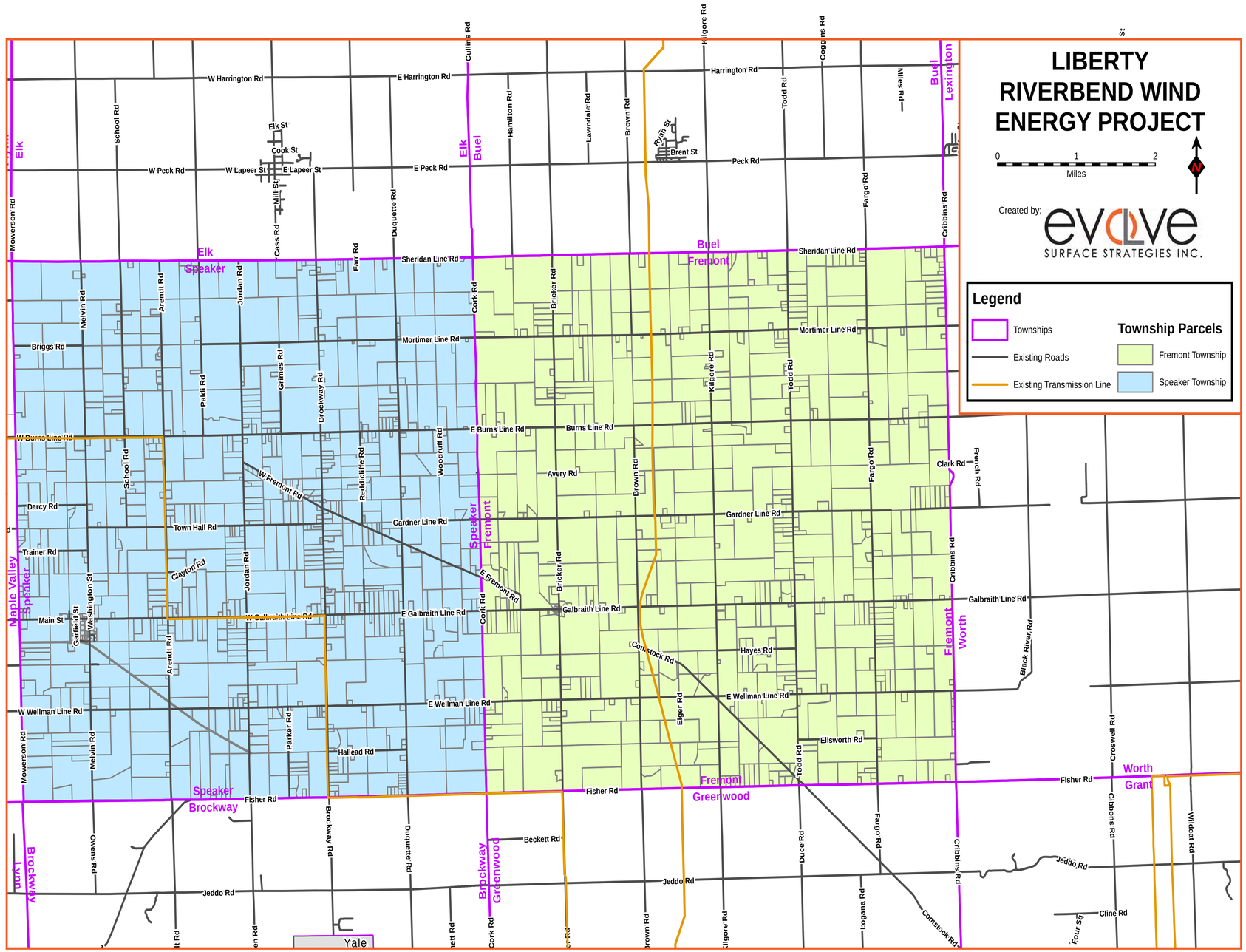
Project Size:
Up to 300 MW wind project.

Number of Turbines:
Approximately 50 turbines.

Turbine Capacity:
Turbine technology is continuously evolving however we are currently targeting turbines which are 6 MW in size.

Turbine Tip Height:
Up to 656 ft. to tip

Setbacks:
We are working diligently with local officials to understand setbacks and ensure we are in compliance with all local requirements.



PROPOSED PROJECT **TIMELINE**

Riverbend Wind Project

2020- 2021
Consultation
Land Acquisitions

2021 - 2023
Permitting
Geotechnical Surveys
Environmental Surveys

2023 - 2024
Target
Commericial
Operation Date

2020
Project
Origination

2020 - 2022
Interconnection Application
MET Tower Installations
Community Engagement

2023
Notice to Proceed
Construction

PERMITTING AND SITING PROCESS

Riverbend Wind Project

During the permitting and siting process, various local, state and federal agencies are consulted & engaged, these may include:

US Army Corps of Engineers

CURRENT PROJECT ACTIVITIES

Riverbend Wind Project

Tier 1 & 2 Site Characterization Study
Desktop and Fieldwork completed.

Desktop Wetlands and Waterways Delineation
Fieldwork planned for Fall 2021

Cultural Resources Review Desktop
Fieldwork planned for Fall 2021

Monthly Avian Surveys
Started in March 2021

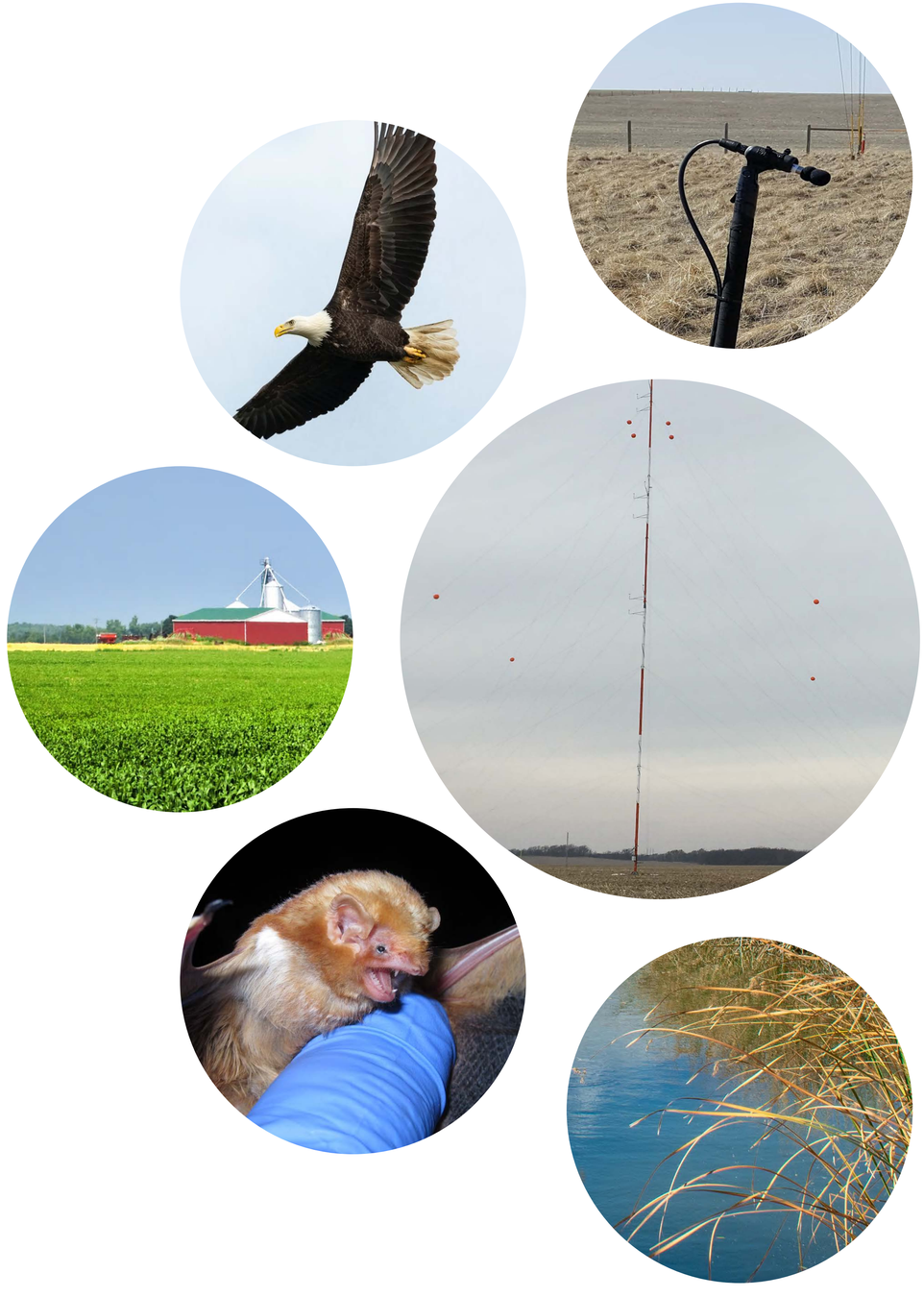
Raptor Nest Surveys
Completed April 2021

Bat Acoustic Migration Surveys
Starting June/July 2021

Bat Acoustic Presence & Absence Surveys
Starting June/July 2021

MET Tower Installations
Planned for June 2021

Township of Fremont & Speaker Ordinance Amendments



Wind Turbine Map

Survey Area

Huron County, Michigan

0 25 50 100 Miles

Legend

- Wind Turbine Location

N

Data Sources:
Algonquin Power Co.

Coordinate System:
UTM 17N, NAD83

AES Project #: 16-1022

16_1022_Turbine_Maps.mxd

Applied Ecological Services, Inc.

120 W. Main St.
West Dundee, Illinois 60018
Phone: 847-844-9385
Email: info@appliedeco.com
www.appliedeco.com

Last modified:
Feb 20, 2017

Mapped by: cmc

Location Map

Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, Copyright:© 2014 Esri, DeLorme, HERE,

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

WIND POWER DEFINED

Riverbend Wind Project

Anemometer—A device to measure the wind speed.

Gearbox—A compact, enclosed unit of gears which transfers force between machines or mechanisms, often with changes of torque and speed.

Hub—That component of a wind turbine to which the blades are affixed.

Hub Height—The distance from the foundation to which the tower is attached to the center of the hub.

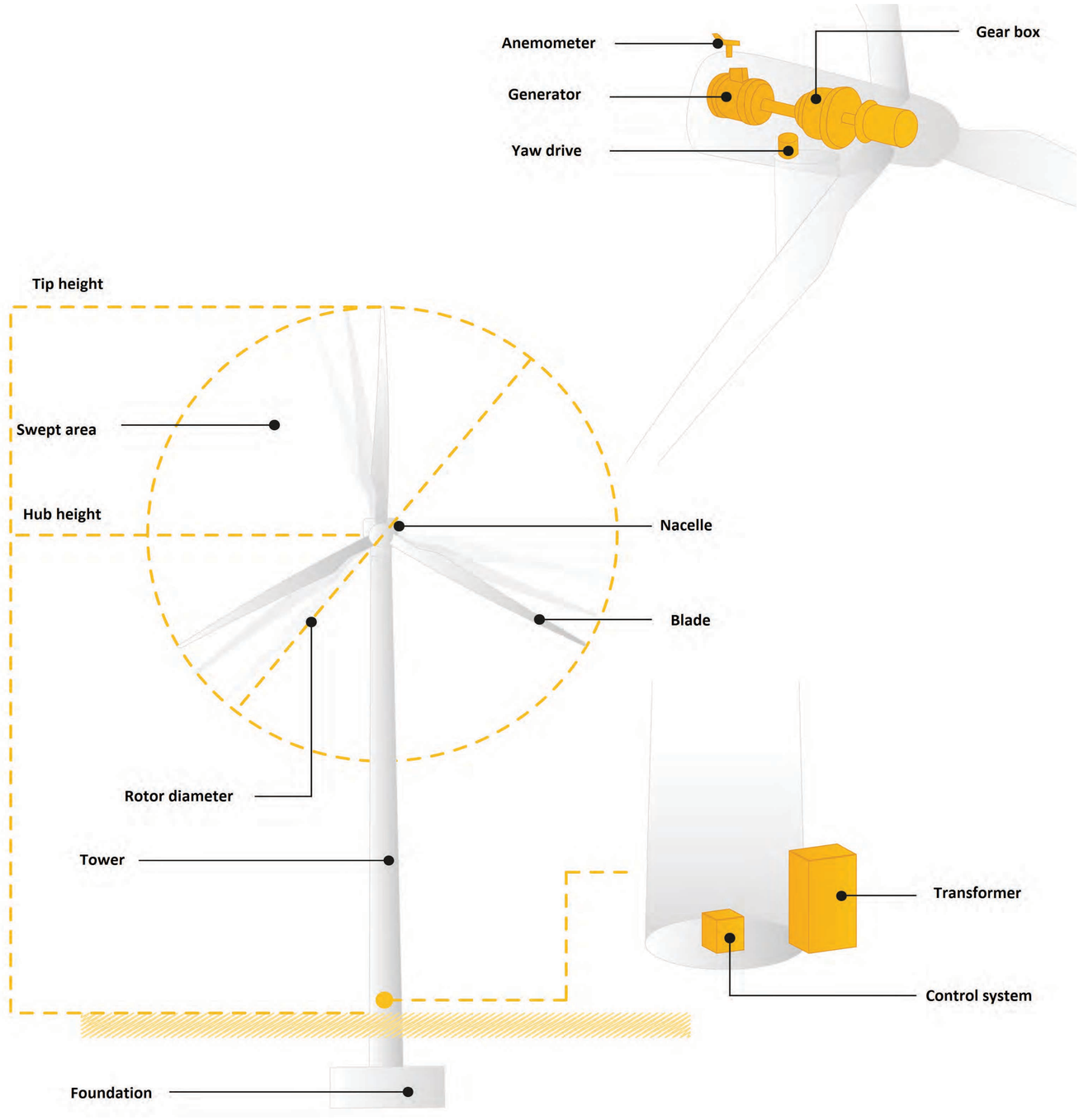
Inverter—A device that converts direct current (DC) to alternating current (AC).

Nacelle—The body of a propeller-type wind turbine, containing the gearbox, generator, blade hub, and other parts.

Rotor—The rotating part of a wind turbine, including either the blades and blade assembly or the rotating portion of a generator.

Rotor diameter—The diameter of the circle swept by the rotor.

Swept area—The area swept by the turbine rotor



DECOMMISSIONING PLAN

Riverbend Wind Project

A Decommissioning Plan shall be submitted to the Township as part of the Special Use Permit application.

Turbines
- Turbines would be dismantled and taken away.
- Reusable material would be sold or recycled, if possible.

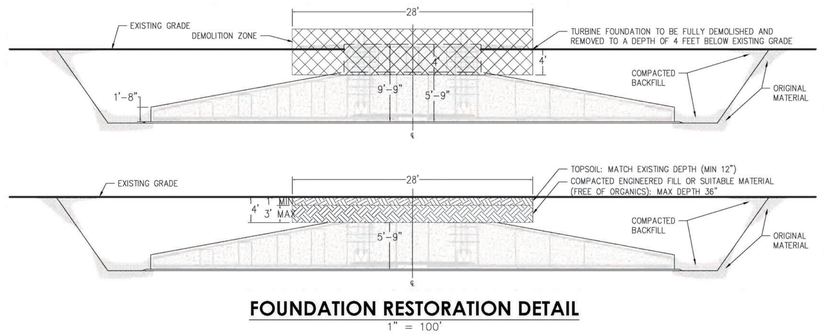
Turbine Foundations
- Turbine Foundations would be removed to a depth that normal agricultural practices could occur afterwards.

Land
- Impacted agricultural land will be restored to a state suitable for the intended future use.

Electrical Infrastructure
- Above ground lines would be removed and disposed.
- Underground lines would be cut, left buried, and remain in place so that normal agricultural practices would be able to occur afterwards.
- Transformers would be removed.

Access Roads
- Access roads would be removed and land returned to a similar condition as before the project; in consultation with the landowner.

Local Michigan Ordinances	Decommissioning Depth
Huron County	4 feet
Juniata Township, Tuscola County	5 feet
Fairgrove Township, Tuscola County	3 feet
Gilford Township, Tuscola County	3 feet
Flynn Township, Sanilac County	3 feet
Lexington Township, Sanilac County	4 feet
Maple Valley Township, Sanilac County	3 feet
Fremont Township, Sanilac County	6 feet
Speaker Township, Sanilac County	6 feet



FOUNDATION RESTORATION DETAIL
1" = 100'

NOISE EMISSIONS

Riverbend Wind Project

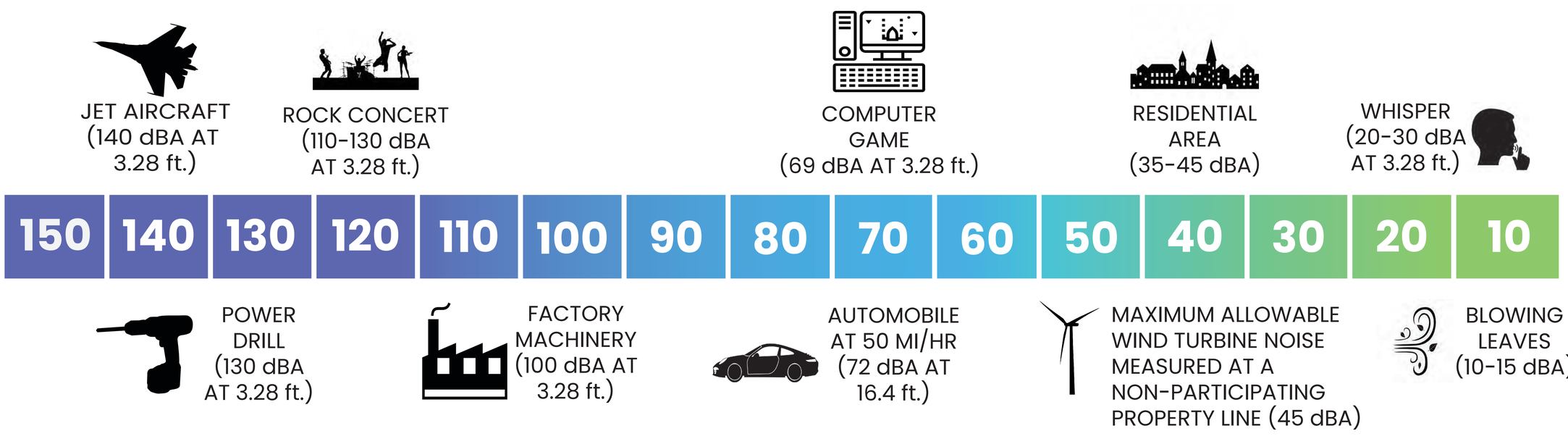
NOISE EMISSIONS – TOWNSHIP OF FREMONT PROPOSED AMENDMENT CLAUSE

- Shall not exceed forty-five (45) decibels on the DBA scale as measured at the nearest property line of a non-participating property or road.
- A baseline noise emission study shall be completed prior to construction.

11A.06.05 NOISE – SPEAKER TOWNSHIP WIND ENERGY OVERLAY DISTRICT ORDINANCE

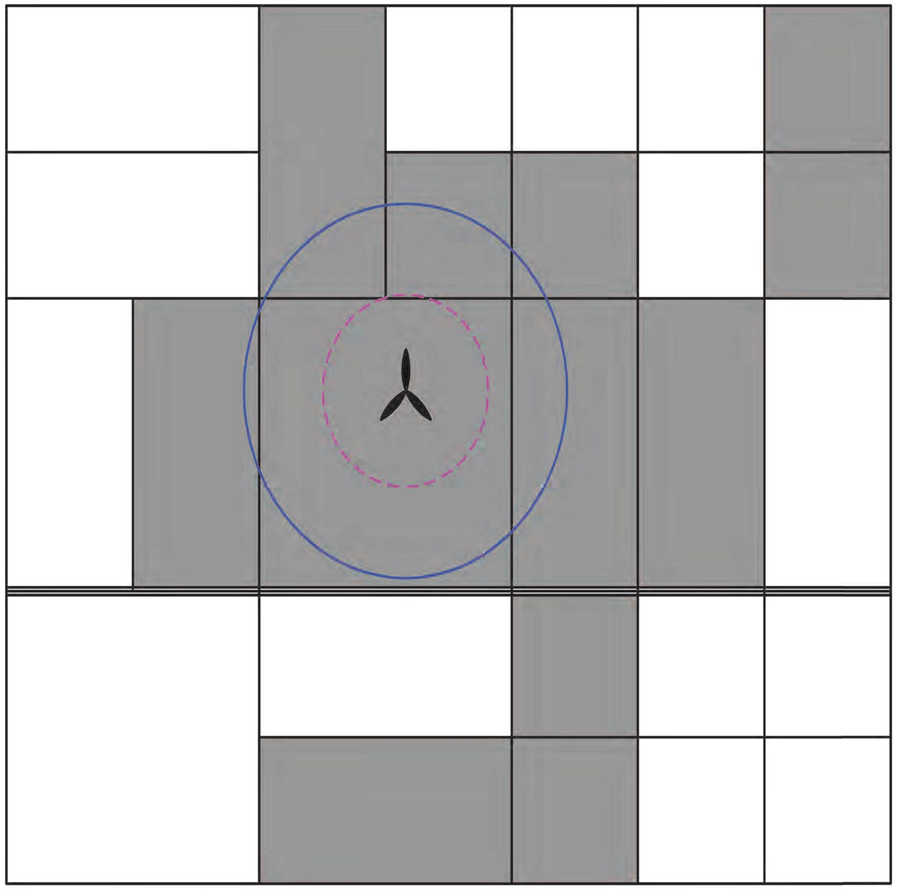
- Audible noise or the sound pressure level shall not exceed fifty (50) dBA, or the ambient sound pressure level plus five (5) dBA, which ever is greater for more than ten percent (10%) of any sixty (60) minute interval, measured at any residence, school, hospital, church, or public library.

A noise impact assessment will be completed for both the Township of Fremont & the Township of Speaker.



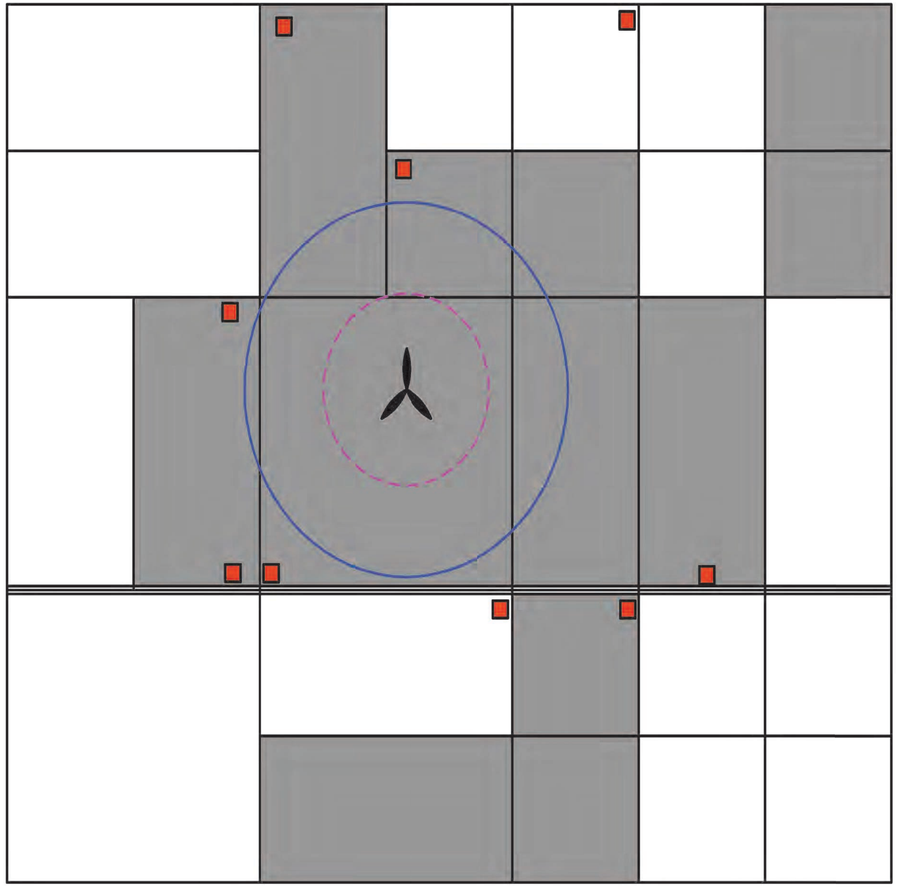
SOUND CONTOURS

Riverbend Wind Project



LEGEND

- TURBINE
- PARTICIPATING PARCEL
- NON–PARTICIPATING PARCEL
- 50 dBA SOUND CONTOUR
- 45 dBA SOUND CONTOUR



LEGEND

- TURBINE
- PARTICIPATING PARCEL
- NON–PARTICIPATING PARCEL
- 50 dBA SOUND CONTOUR
- 45 dBA SOUND CONTOUR
- RECEPTOR

LEASE AGREEMENT COMPENSATION

Riverbend Wind Project

WHAT DO WE COMPENSATE FOR:

DEVELOPMENT TERM
5 year term.

CONSTRUCTION & OPERATIONS TERM
Term of agreement will be 30 years with an option to renew for an additional 2 10 year extensions.

LEASE COMPENSATION CONSIDERATIONS
Development Term
Construction Term
Operations Term
Setback waiver (No facilities on land)
MET Tower
Transmission Lines
Collector Lines
Access Roads

ESCALATOR
Payments will have an escalator that will increase compensation by a defined % over the term of the lease.

CROP LOSS
Affected landowners will be made whole for 100% crop loss if impacted.

IMPACTS TO DRAINAGE TILE
All damaged tile will be repaired.

TYPES OF AGREEMENTS

Riverbend Wind Project

WHAT TYPES OF AGREEMENTS DO WE OFFER:

LEASE:

Turbine Site

Access Roads

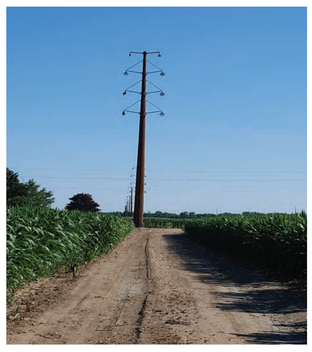
Collector Lines

Laydown Areas

PURCHASE AGREEMENT:

Substation/Switch Yard

EASEMENT:
(Specific Areas)

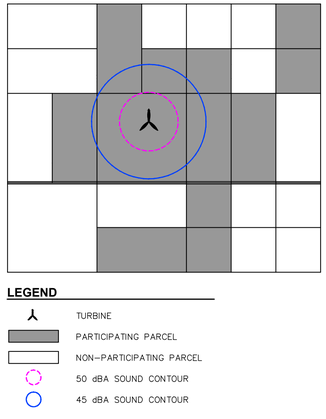


Transmission Line

Access Roads

Collector Lines

SETBACK WAIVERS



GOOD NEIGHBOUR AGREEMENTS

OVERVIEW OF CONSTRUCTION ACTIVITIES

Riverbend Wind Project

LAND PREPARATION

CONSTRUCTION OF ACCESS ROADS, LAYDOWN AND WORKING AREAS

CONSTRUCTION OF WIND TURBINE FOUNDATIONS

DELIVERY OF EQUIPMENT

ASSEMBLY AND INSTALLATION OF WIND TURBINES

CONSTRUCTION OF ELECTRICAL COLLECTOR SYSTEM, SUBSTATION & INTERCONNECTION POINT

CONSTRUCTION OF COMMUNICATIONS AND METEOROLOGICAL TOWERS

SITE CLEAN-UP AND RECLAMATION

COMMUNITY & ECONOMIC BENEFITS

Riverbend Wind Project

TAX REVENUE
Increased contribution to Township & County tax revenue & school boards.

EMPLOYMENT
Employment opportunities during construction and the projects operations phase.

CONTRACT OPPORTUNITIES
Economic offshoots for local businesses.

LAND USE
Compatible use - both farming and operating wind project co-existing on the same parcel.
Allows land to remain in agricultural use.

CAPITAL INFRASTRUCTURE
Potential local infrastructure improvements for project & construction, such as upgrades to public roads used for project travel.

CLEAN ELECTRICITY GENERATION
Emissions-free electricity will be generated.
Greenhouse gas emissions will be offset annually.

LOCAL COMMUNITY SUPPORT OPPORTUNITIES

Liberty is always looking for ways to partner with the community through donations, community events, and sponsorships.

Past Examples:
Lions Club
Fire Departments
4-H Fairs & Clubs
County Fairs
Foodbank Drives
Sports Teams (i.e., Little League)
Music Festivals
Local Businesses
United Way
Hospital Foundations
Scholarships
Ride for Heart

RIVERBEND
WIND PROJECT

HAVE QUESTIONS?

Ask the Project Team
Fill Out A Comment Card.

Email Us:
RiverbendWind@algonquinpower.com

Mail Us:
354 Davis Road, Oakville, Ontario L6J 2X1

Call Us:
1 (833) 631-1059

We Appreciate You Taking The Time To
Come & Learn About Our Proposed Project!

NEXT STEPS

Evaluate Feedback From Community.
Complete Environmental Studies & Surveys.
Further Consultation & Offers To Landowners

Riverbend
Wind Project