

Sustaining energy and water for life

About us

For more than 30 years, Algonquin has demonstrated an unwavering commitment to delivering clean energy and water solutions. Our rapid growth has led both our regulated utility services and renewable energy business groups into different geographies and commodities, but our purpose remains unchanged – Sustaining Energy and Water for Life.

Through our operating business, Liberty, our growing portfolio of clean, renewable wind, solar, hydro and thermal power generation facilities represents over 4 GW of renewable generation capacity in operation and under construction¹.

Our company operates in Alberta, Manitoba, New Brunswick, Ontario, Quebec, and Saskatchewan in Canada as well as

California, Connecticut, Illinois, Maine, Maryland, Michigan, Minnesota, Pennsylvania, and Texas in the United States.

Our regulated utility services group, serves more than 1 million water, wastewater, natural gas and electricity utilities customers in communities across the United States.

We want to hear from you

If you have any questions or would like to know more about the project, or Liberty, please contact us.

Website: <https://riverbendwind.com/>

Email: RiverbendWind@AlgonquinPower.com

Mail: 5110 S Sandusky Road, Peck, MI 48466

Frequently asked questions

There are over 60,000 wind turbines safely operating across the United States, with over 1,500 located right here in Michigan. In fact, Michigan has over 15 years of experience with wind energy.

Do Fremont and Speaker Townships have rules for wind turbine siting?

Both Townships have stringent siting rules for wind turbines in their Zoning Ordinances. They lay out minimum requirements for wind turbine setback distances to property lines, homes and roads to protect public safety. They also provide acceptable levels of sound and shadow flicker that companies must meet for the protection of public health.

How will Riverbend Wind demonstrate compliance with the Township Rules?

Riverbend Wind will be conducting sound and shadow flicker modeling studies that will be filed as part of the Special Use Permit (SUP) applications. In addition, the location of turbines will be shown with respect to property lines, roads, homes and will comply with required setback distances. If you live in the project area you will be able to locate your home on the maps and in the reports to see that your family, your property and home will be protected.

Have there been health and safety studies conducted for people living around wind turbines?

Over the past 20 years university researchers, government scientists and medical agencies have published over 100 peer-reviewed scientific studies on health and living in proximity to wind turbines. They have investigated issues surrounding audible noise and low frequency noise (the sound we hear), infrasound (the sound we don't hear), shadow flicker and electromagnetic fields (EMF) from turbines. The overwhelming evidence indicates that properly sited wind turbines, similar to the existing Fremont and Speaker Township Ordinances, do not pose a risk to people's health.

For example, in 2022 the Ohio Department of Health conducted a review of studies investigating living near wind turbines and health of the residents. They

found that the international research, including that conducted in the United States, does not indicate a public health burden from audible wind turbine noise, low frequency noise and infrasound, shadow flicker or EMF.

Is it safe to live, play, farm and drive near wind turbines?

Liberty takes public safety very seriously around our wind projects and considers the potential for ice throw, tower collapse and turbine fires when designing our projects. Each wind turbine will be monitored by our staff 24 hours a day through our centralized system and any issues immediately responded to by our local workforce. Although these are very rare events, they can happen and it is why it is important to follow the protective setback distances contained in the Zoning Ordinances.

Ice throw: This can occur when moisture levels are high and air temperature are around the freezing mark. Wind turbines typically shut down during these events. However, in the rare event that ice is thrown from the turbine blade it would fall within a distance of the height of the turbine and well within the protective setback distances in the Zoning Ordinances.

For further FAQ's visit our project website:
<https://www.riverbendwind.com/>



Building for the future

The project is estimated to start construction in 2023 and is targeted to be generating clean, renewable power by the end of 2024.

We have been hard at work to ensure that the project is sited and designed so that it is best incorporated into the community and local benefits can be maximized. At this time we continue to conduct environmental studies to comply with our local, federal and state level permits, and ensure protection of local wildlife, natural resources (such as soil and water), and residents.

Long-lasting community benefits

Safe, clean energy generation – Uses technology that has been proven to provide renewable, safe and pollution-free electricity generation to power the community for years to come.

Increased tax revenue – Significant tax revenue contributions to Speaker and Fremont Townships, Sanilac County and local school boards.

Higher local employment – Local employment opportunities during construction and operation of the project. For example, our Deerfield Wind Project in Huron County, MI currently employs approximately 150-200 people during construction and has an estimate of 10-17 permanent full-time jobs during operations .

Contract opportunities – Economic offshoots for local businesses. This includes local goods and services needed for construction, operation, and maintenance of the project.

Preserving agricultural land use – Allows land to remain in agricultural use and provides additional income to the landowner. The wind turbine and pad will occupy approximately 1 acre.

Enhanced capital infrastructure – Potential local infrastructure improvements for project and construction, such as upgrades to public roads used for project travel.





Hello

This is the first in a series of newsletters we've created to update you on the [Riverbend Wind Energy Project](#) located in both Speaker and Fremont Townships, Sanilac County, Michigan. The Riverbend Wind Energy Project is approximately 300 MW. Once operational the energy generated from the facility is anticipated to power approximately 90,000 homes.

Since 1989, Liberty has built close relationships with local landowners, businesses, governments, and community organizations in the many communities that host our renewable facilities across North America. Liberty has over 4 GW of renewable generation capacity in operation and under construction¹ with the nearest project being the Deerfield I Wind Facility located in Huron County Michigan. Liberty is currently expanding its Deerfield project by adding 21 turbines at ~ 112MW.

We have been working together with landowners and others in Speaker and Fremont Townships to bring lasting benefits to your community and the economy.

We're committed to keeping you informed every step of the way as the project progresses. Visit our project website for more information at <https://riverbendwind.com/>.

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