



BEAR LAKE WIND POWER PROJECT

July 2023 Newsletter

ABOUT THE PROJECT

Wind Strength, a Membertou company, is planning to jointly develop with EverWind Fuels LLC (EverWind) the Bear Lake Wind Project (the project), a new 89 MW wind development to be located close to the intersection of the West Hants, Chester and Halifax Municipalities, Nova Scotia, to be constructed in 2024-2025. The project will harness the Province's world class wind resource and is being specifically developed to partially power EverWind's green hydrogen and green ammonia facility in Point Tupper, Nova Scotia. The project includes \$170 million of investment, the creation of local jobs, and meaningful steps towards economic reconciliation.

Project details

The proposed project comprises up to 17 turbines, medium-voltage electrical cabling, a substation and access roads, located on private and Crown land. The project would be connected to a Nova Scotia Power 138kV line, by way of a transmission line connecting to the project substation.

The project will be newly constructed zero-emission generation capacity that represents additional green power that would not have been built under the Province's recent Rate Base Procurement program. Prior to Membertou's acquisition of the project and partnership with the EverWind green hydrogen and green ammonia production facility, Bear Lake's development was paused and not scheduled for project completion.

Wind Strength and EverWind have engaged Renewable Energy Systems Canada Inc. (RES) as the project developer to develop, design, construct and operate the project. Wind Strength and EverWind have also engaged Strum Consulting (Strum) to complete the environmental studies and environmental assessment (EA) which is expected to be completed before the end of 2023.

The Project Development Team continues to study the site and how to minimize the impact of the development on habitat and wildlife.

WHY WIND?

Affordability

Thanks to the evolution of wind turbine technology and other factors, wind energy is the **lowest-cost option for new electricity generation in Nova Scotia** today, all sources combined.

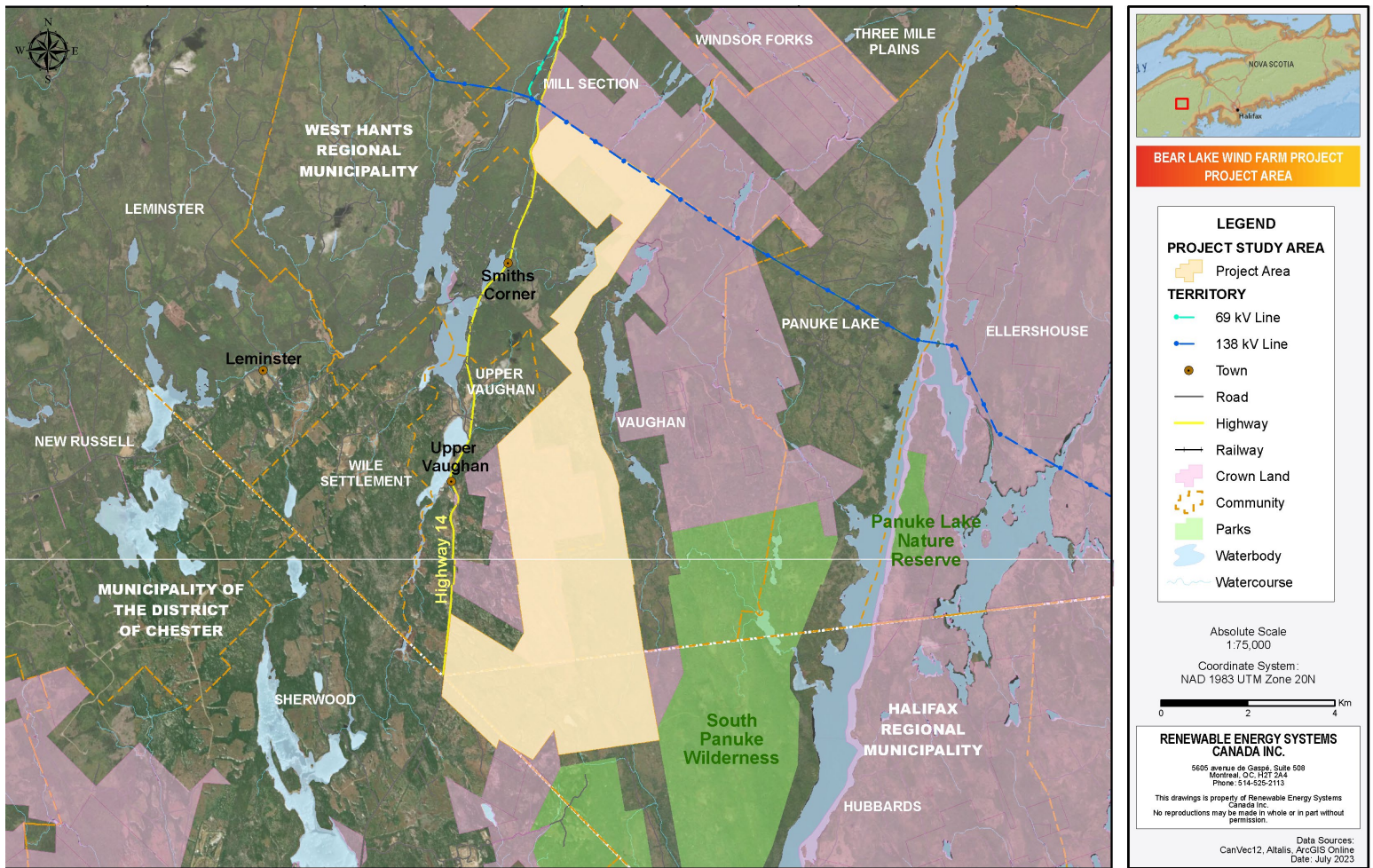
Environment

Wind energy produces no carbon emissions or other air contaminants. It is a key solution to fighting climate change.

Community

Wind projects benefit local communities through economic development, job creation, training, lease payments to local landowners and tax payments to the host communities.

PROJECT AREA MAP

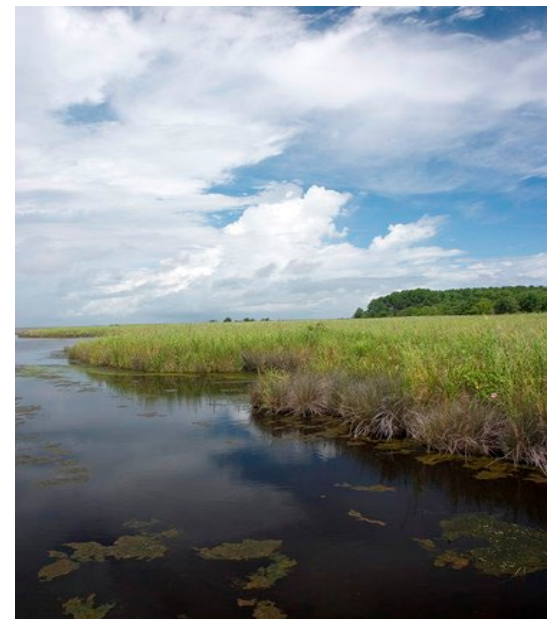


Comprehensive site maps, preliminary turbine layouts, visual impact studies, and a full project overview will be publicly available in the coming weeks and months in coordination with relevant stakeholders and rightsholders during public open houses.

STUDIES AND ASSESSMENTS

Nova Scotia has thorough environmental compliance procedures, which culminate in the Environmental Assessment and approval process. To navigate the process and ensure that the project meets and exceeds local, provincial, and federal environmental standards, Wind Strength and EverWind are working with Strum Consulting, an experienced local environmental consultancy, to undertake detailed studies, including desktop and field studies focused on:

- ❖ Flora and fauna species and habitat
- ❖ Wetlands and watercourses
- ❖ Geotechnical
- ❖ Sound and shadow flicker
- ❖ Visual simulation / photomontages
- ❖ Cultural and heritage resources
- ❖ Socio-economic assessment



SUPPORTING YOUR COMMUNITY

Wind Strength, EverWind, RES, and Strum are active players in the communities where the project is located and can support various fundraising events and special initiatives that bring local benefit.

If you have any ideas on how we can take an active role in the community, please contact us to discuss community contributions or sponsorship opportunities.

LOCAL BENEFITS

The Bear Lake Wind Project will bring substantial local economic and social benefits to the community. These include:

- Local tax revenues throughout the life of the project
- Project to provide employment through a committee
- First Nation Partners to maximize contracting and employment opportunities
- Contracting opportunities for First Nations & Community businesses
- Construction and operations jobs and support services during construction and throughout the life of the project
- Increased local spending on goods and services during the project's development, construction and operational phases

PUBLIC OPEN HOUSE



Tuesday August 22, 2023

From 5 pm to 8 pm

South West Hants Fire Station

1884 Nova Scotia Trunk 14, Windsor, NS B0N 2T0

To learn more about this project, please join us at our first public open house. The event will consist of an evening of discussion with the project team and industry specialists.

Refreshments and snacks will be served.

COMMUNITY ENGAGEMENT AND PUBLIC CONSULTATION

As the project proceeds through the development process, Wind Strength, EverWind, RES and Strum are committed to working with all landowners, stakeholders and rights holders to establish and maintain a strong relationship with the community. We strive to exceed the minimum requirements on all our projects, and we commit to responding and acting on all comments and concerns in a timely manner. We welcome the opportunity to meet with local experts and stakeholders and are actively working to maximize local contracting and employment during the construction and operational phases of the project.

Recognition of the Mi'kmaq & their Ancestral Territory

EverWind Fuels and RES acknowledge the ancestral and unceded territory of the Mi'kmaq people, and we acknowledge them as the past, present, and future caretakers of this land, Mi'kma'ki. Our work shares a core principle practiced by the Mi'kmaq: environmental stewardship. We are committed to working with Mi'kmaq through consultation, engagement and delivering a comprehensive partnership on all aspects of the project.

ABOUT



WJU'SNEWIKNAQ
WIND STRENGTH

Wind Strength, a Membertou company, is planning to jointly develop two wind farms, Bear Lake and Kmtnuq, with EverWind Fuels and RES. Wind Strength is a translation of the Mi'kmaq word "Wju'snewiknaq" (Wu-jew-sin-eh-wee-ginn-ah), which embodies the strength, resiliency, and environmental stewardship of the Mi'kmaq people through green energy leadership. For generations, Mi'kmaq were prevented from participating in and benefitting from the development of Canada's natural resources. Today, as the past, present, and future caretakers of this land, we are proud to be at the forefront of building a cleaner future for Nova Scotia and the world.

ABOUT



EverWind is North America's leading independent green hydrogen developer. EverWind received the first Environmental Approval in North America for a large-scale green hydrogen project, and is well progressed in design, engineering, and development for the first phase of both its green energy generation projects and the production facility which will convert this energy into green hydrogen. EverWind owns and operates the deepest ice-free berth on the East Coast of North America, with world class access to rail, roads, and pipelines. Our safety-first culture reflects a highly skilled and extensively certified workforce, with a stellar safety record. EverWind has three First Nations equity partners and is a champion for meaningful engagement with Rightsholders and the advancement of social and economic reconciliation. At a local level, the Company works closely with municipalities and stakeholder organizations. EverWind is led by Trent Vichie, a co-founder of Stonepeak Infrastructure Partners, and a former Blackstone Partner. EverWind's development team consists of over 20 members who have previously held senior positions at various infrastructure, private equity, renewable power, engineering, and utility companies. EverWind is also supported by a world-class advisory team including Black & Veatch, ILF, RES, Strum Environmental, McInnes Cooper, King & Spalding, McKinsey, Morgan Stanley, CIBC, and Citi.

ABOUT RES

RES, the largest independent renewable energy company in the World, is a family-owned business, owned by the McAlpine Family Trust, and has been in the renewable energy business since 1981. Through our corporate culture and values, we are dedicated to a zero-carbon future for all Canadians and our focus is solely on renewable energy projects (wind and solar) and supporting & enabling projects (energy storage and transmission). RES has been developing, constructing, owning, and/or operating renewable energy, transmission, and energy storage projects in Canada since 2003. To date, RES has developed and/or built 28 projects across Canada.



ABOUT

Strum Consulting is Atlantic Canada's leader in engineering, surveying, and environmental services. Our skilled team of 150 multidisciplinary professionals consists of certified site professionals, engineers, geologists and hydrogeologists, biologists, technologists, legal land surveyors, and masters-level environmental specialists. Strum recently completed the environmental work and the approved Environmental Assessment (EA) for EverWind Fuels' Green Hydrogen/Ammonia facility; the first of its kind in Atlantic Canada! We're thrilled to be continuing to support EverWind on the future phases of this exciting project in Nova Scotia and in Newfoundland and Labrador

CONTACT US

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