

Fox Islands Electric Coop Wind Turbines

Vinalhaven, Maine 04863 | GE | 3x 1.5 MW Turbines, 250 ft towers | Installed by Cianbro



Photo Credit: Cianbro¹

Fox Islands Electric Cooperative (FIEC), serving the remote Maine islands of Vinalhaven and North Haven, installed three 1.5 MW turbines to reduce high electricity costs and reliance on mainland power in a member-supported and community-owned wind farm. The project, operated by FIEC's subsidiary Fox Islands Wind, LLC, offsets over 65% of the islands' electricity needs, providing energy independence and resilience to the islands. To further enhance grid stability, FIEC is actively exploring battery storage solutions.

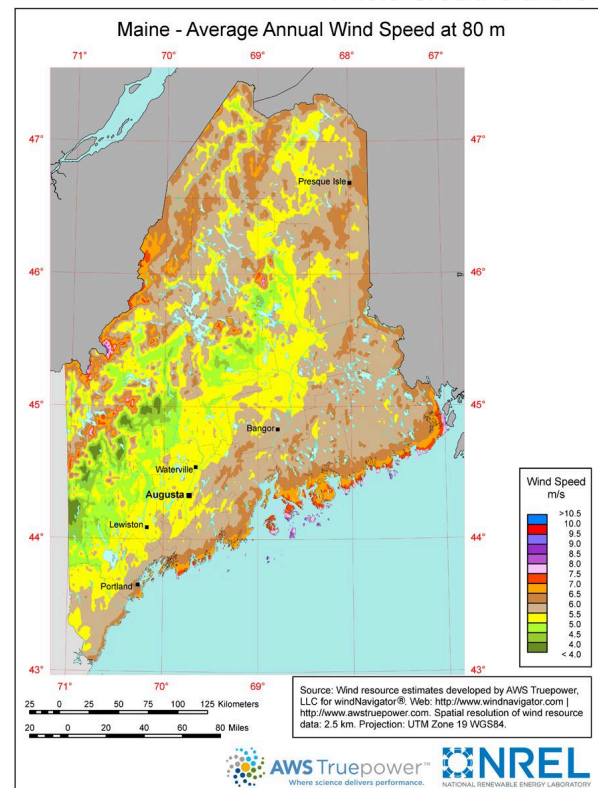
"Having a resilient and strong energy system is important to sustain our community," noted Amy Watson Turner, CEO, Fox Islands Electric Cooperative¹

Key Findings

- Produces over 10,000 MWh annually
- Meets ~ 65% of communities' electrical demand
- Generates ~ 4.5 MW total capacity

Impact

- Secures long-term energy cost stability
- Showcases community-based energy independence



More than 29,000 Maine properties have wind resources suitable for distributed wind with a combined technical potential of 190 MW, per NREL

Want further information? Please contact:

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www.DistributedWind.org

¹<https://www.cooperative.com/programs-services/bts/radwind/Documents/RADWIND-Case-Study-Fox-Islands-July-2021.pdf>