

Wind Turbines at Erickson Farms

Funk, NE 68940 | Bergey Windpower Excel 15 | 15 kW on 100 foot tower | Installed by American Windpower



Photo Credit: American Windpower

Seeking to offset soaring electricity costs and to secure



the financial viability of his farming operations, **Erick Erickson** engaged American Windpower to install a Bergey 15 kW wind turbine mounted on a lattice 100-foot tower in 2024 at his farm in rural Funk, Nebraska, taking advantage of the strong winds to move towards energy independence.

The Bergey Excel 15 turbine, expected to produce ~ 30,000 kWh per year, is well suited for farming and rural small business operations as well as microgrid applications in areas like Nebraska with sufficient wind resources producing as much energy as a 35 kW solar system, with an 80% smaller footprint.

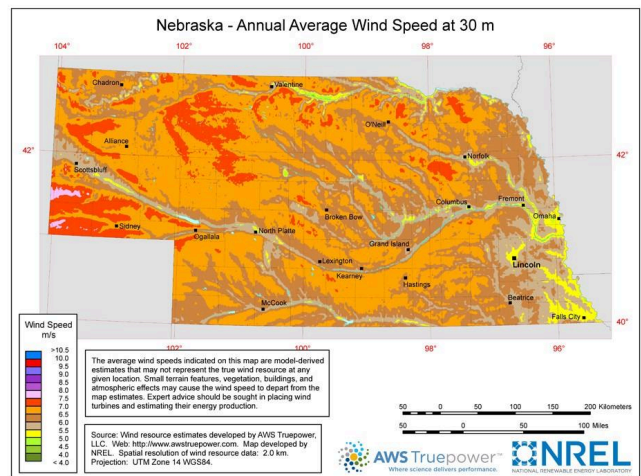
“With the USDA grant and the Tax Credits, investing in the turbine just made a lot of sense,” noted farmer Erick Erickson

Key Findings

- Produces ~ 30,000 kWh annually, enough to power two homes
- Saves farmer ~ \$6,000 annually in electric bills
- 40% USDA REAP grant & 40% Tax Credit and MACRS depreciation saved thousands of \$\$

Impact

- Demonstrates feasibility of wind energy for agricultural applications
- Enhances energy independence in face of soaring electricity costs



More than 25,000 Nebraska properties have wind resources suitable for distributed wind with a combined technical potential of 156 MW, per NREL

Want further information? Please see: www.AgWindEnergy.org or www.DistributedWind.org