

## Rose Hill Vineyard Wind Turbine Project

Mattituck, NY 11952 | Bergey Excel 15 | 15 kW Turbine, 120 foot tower | Installed by Skylands Renewable Energy



Photo Credit: Google Maps

Family-owned **Rose Hill Vineyard**, located in the heart of North Fork on Long Island, is one of the first Eastern U.S. wineries to be powered solely by wind and solar which produces 100% of the energy used for the winery, cellar, vineyard, and the Rose Hill Farmhouse Inn.

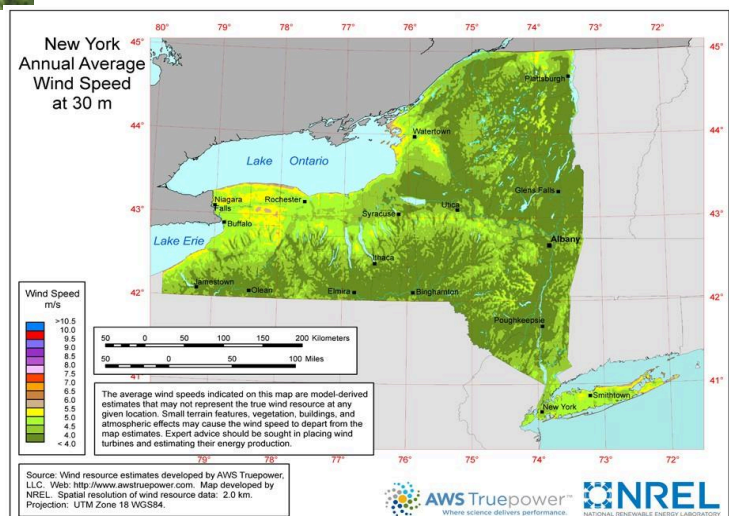
The Bergey Excel 15 turbine Rose Hill installed produces ~45,000 kWh annually. The 15 kW turbine is well suited for farming operations in areas with sufficient wind resources.

### Key Findings

- Produces ~ 45,000 kWh of energy annually
- Offsets 100% of electric energy annually with wind + solar system

### Impact

- Secures energy independence
- Demonstrates feasibility of wind energy in agricultural and hospitality sectors



*More than 41,000 New York properties have wind resources suitable for distributed wind with a combined technical potential of 543 MW, per NREL*

Want further information? Please see: [www.AgWindEnergy.org](http://www.AgWindEnergy.org) or [www.DistributedWind.org](http://www.DistributedWind.org)