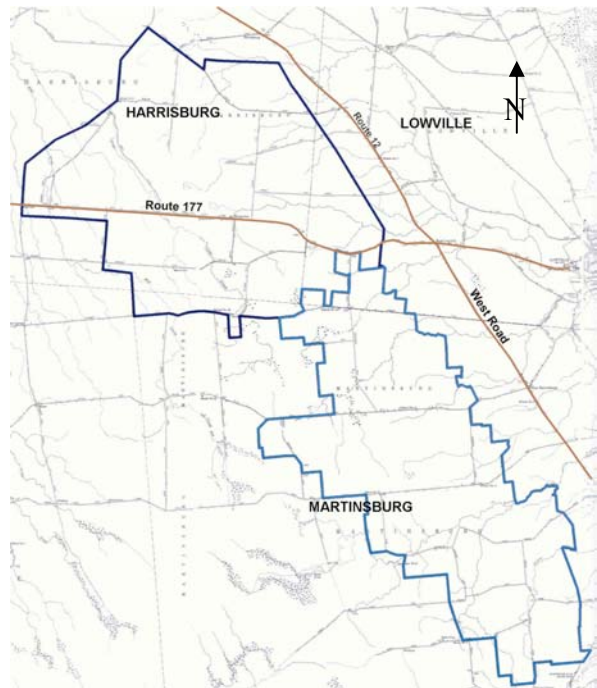


FLAT ROCK WIND POWER PROJECT

The Basics

- Located in the Towns of **Martinsburg, Harrisburg, and Lowville**, Lewis County
- **188 turbines**, in two phases
- **Phase I** - 100 turbines installed by November 2004, with 2 in Harrisburg, 87 in Martinsburg, and 11 in Lowville, involving 43 landowners, ~10,200 acres of land under lease
- **Phase II** - 88 turbines installed by November 2005 in Harrisburg and Lowville, involving 32 landowners, ~10,900 acres of land under lease
- **300 megawatts (MW)** in capacity, enough to power ~94,000 homes
- **1.5 MW to 1.65 MW** turbine capacity, 262-foot tall tower, 269-foot diameter rotor, maximum height ~400 feet, painted white
- Also requires substation, access roads, buried and overhead electric cables, 2 meteorological towers

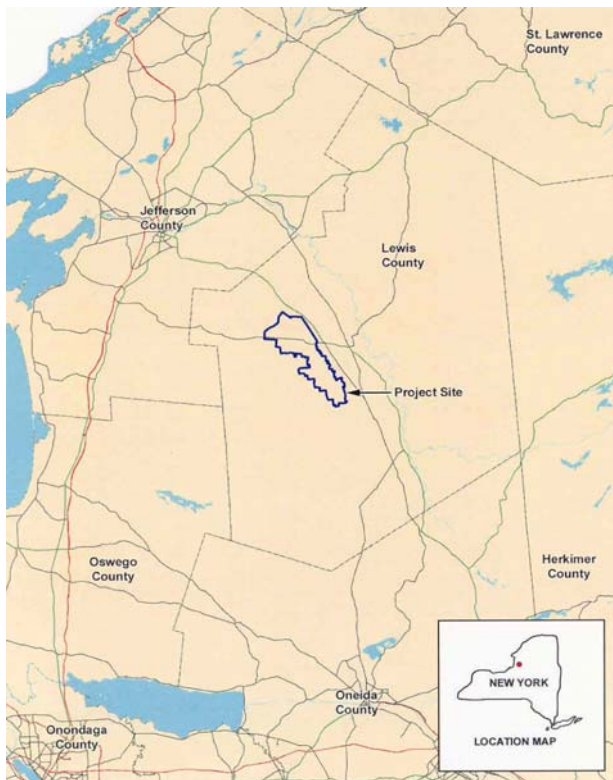


Phase I – southern area; Phase II – northern area

- **10.3-mile-long** 230 kilovolt(kV) transmission line from Martinsburg east to the Town of Watson
- Sponsors - Atlantic Renewable Energy Corp. and Zilkha Renewable Energy Corp
- Developing/permitting: \$3 million
- Capital cost of farm: \$360 million

Environmental Considerations

Applications to the three towns for special permits to construct the wind towers triggered the State Environmental Quality Review Act, with the Town of Martinsburg taking the role as lead agency for the process. The four volume Final Environmental Impact Statement (Final EIS) outlines potential environmental impacts to soils, streams and wetlands, vegetation and wildlife, land use, employment, community facilities, transportation, historical resources, and visual resources. The entire Final EIS for the project is available at www.flatrockwind.com.



Project location, Lewis County

Mitigation measures for environmental impacts outlined in the Final EIS include:

- Environmental monitoring during the construction phase to assure compliance with permit requirements
- Sediment and erosion control plan
- Best management practices for soil resources, stream crossings
- Funding for a study by SUNY ESF on the effects of acidic deposition on Tug Hill, to mitigate for impacts to wetlands
- Post-construction monitoring study to evaluate turbine-related bird and bat mortality, including nesting bird survey
- Requirements to repair any town roads damaged during construction, and upgrades of certain town and farm roads to allow for installations
- Development easements with immediate neighbors to the project, to share some economic benefit

For More Information

The following websites have information on wind energy:

American Wind Energy Association:
www.awea.org

Atlantic Renewable Energy Corporation:
www.atlantic-renewable.com

Zilkha Renewable Energy: www.Zilkha.com

Fenner Wind Power Project:
www.fennerwind.com

Madison Windpower Project:
www.purewind.net/madisonsite.html

National Wind Coordinating Committee:
www.nationalwind.org

New York State Energy Research and Development Authority (NYSERDA):
www.nyserdera.org

New York State Public Service Commission:
www.dps.state.ny.us/



Simulated view of wind turbines from Route 177