



**Project Name:** Hardscrabble Wind Power Project

**Project Type:** Civil Site and Transportation Engineering

**Location:** Towns of Norway, Fairfield and Little Falls; Herkimer County, New York

**Construction**

**Cost:** \$76,000,000 (Est.)

**Completion**

**Date:** Design 2008; Construction 2010

### ***Project Highlights***

- Civil/site design of an 88 MW wind farm with 100m towers, O & M facility and electrical substation.
- Transportation route evaluation and design of off site intersection improvements.
- Extensive coordination to minimize construction, wetland and environmental impacts.

### ***Project Description:***

The project involves the construction of a wind farm consisting of 37 Gamesa turbines on 100m towers that will have an output capacity of approximately 76 MW. The project is part of a continuing effort to supply more renewable energy to consumers while minimizing environmental impacts to every extent practicable. In addition to the turbines, the project will consist of an O & M facility, collection system, collection and interconnection substations and layout areas for project components and materials. Off-site improvements identified by the Transportation Route Evaluation Study consist of intersection improvements, utility relocations and drainage improvements.

### ***CME Role:***

Creighton Manning Engineering, LLP (CME), as prime civil engineering consultant on this Iberdrola Renewables project, was responsible for the preparation of all preliminary site plans and the Stormwater Pollution Prevention Plan (SWPPP). CME also prepared the Transportation Route Evaluation Study submitted as part of the DEIS. Additional services provided by CME included:

- Regulatory Permitting Assistance
- Drainage Design and Details
- Erosion Control Plans/Details
- Alternative analysis
- Supplemental field survey
- Off-site improvements

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