

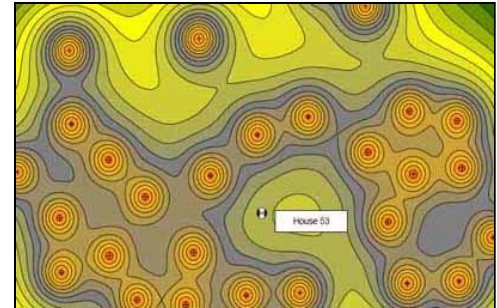


Conestoga-Rovers & Associates Project Summary

KEY PROJECT ELEMENTS

- Oversight of Multi-Disciplinary EA Process
- Peer Review
- Field Assessment
- Acoustic Modeling
- Project Management

WIND POWER GENERATION NOISE ASSESSMENT NEW YORK



CLIENT: TOWNS OF CLINTON, ALTONA, AND ELLENBURG, CLINTON COUNTY,
NEW YORK
DURATION: 2005 TO PRESENT

CRA was retained by the Towns of Clinton, Altona, and Ellenburg in New York State to oversee the environmental assessment (EA) process for the development of several wind farms by Noble Environmental Power and Horizon Wind Energy/Marble River LLC.

The project sites included:

- Town of Clinton, NY – two wind farm sites consisting of 68 1.5-MW wind turbines and 95 2.0-MW wind turbines
- Town of Altona, NY – 68 1.5-MW wind turbines
- Town of Ellenburg, NY – two wind farm sites consisting of 54 1.5-MW wind turbines and 21 2.0-MW wind turbines

Major elements of the project included:

- Project management and review of the EA process and related studies including noise, visual impacts, communications, and radio waves
- Peer review of noise impact assessments prepared by other consultants
- Field assessment and on-site short-term noise measurement of operational wind farms to determine if the wind turbines are working according to manufacturers' specified sound levels
- Long-term noise measurements of operational wind turbine noise versus background noise and detailed statistical sound levels relative to actual wind speeds experienced on-site using a meteorological station
- Cadna A acoustic modeling, wind farm acoustic modeling, and noise contour plotting of wind farm noise impacts
- Review of noise impact studies and on-site data in relation to New York State noise guidelines and requirements to confirm that no adverse noise impacts are occurring at nearby sensitive residential receptors
- Provision of expert testimony on behalf of the Towns during litigation associated with proposed construction of the wind farms

GENERAL INQUIRIES:
info@CRAworld.com

WEB SITE:
www.CRAworld.com