



NOTES:

- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed Wind Turbine Hub Height: 100 meters.
- Proposed Wind Turbine Blade Height: 143 meters (82.5 meter rotor diameter) or 150 meters (100 meter rotor diameter).
- Existing tree canopy height estimated at approximately 20 meters
- Study Area is comprised of a five-mile radius surrounding the proposed Wind Turbine locations.

DATA SOURCES:

- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2008 digital orthophotos with 1-meter pixel resolution; digitized by VHB, 2010
- National Geographic Topographic base map provided by ESRI's online mapping resources
- Municipal and Private Open Space data layer provided by CT DEP, 1997
- CT DEP State Forest/Park data layer provided by CT DEP, April 2010
- National Register of Historic Places data provided by Heritage Consultants, LLC.

Map Compiled: March, 2011

- Legend**
- Proposed Wind Turbine Location
 - 5-Mile Study Area
 - Site Property Boundary
 - National Register Listed Historic Site
 - National Register Listed Historic District
 - Trails
 - 100 Meter Hub Height Year-Round Visibility (+/- 160 acres)
 - 100 Meter Hub Height and 82.5 Meter Rotor Diameter Year-Round Visibility (+/- 312 acres)
 - 100 Meter Hub Height and 100 Meter Rotor Diameter Year-Round Visibility (+/- 347 acres)
 - Seasonal Visibility (+/- 1,087 acres)

**Petition No. 980 - BNE Energy Inc.
Response To Connecticut Siting Council
Pre-Hearing Interrogatory Question 53
Figure 3 Visibility of Wind Turbines**

Wind Prospect
178 New Haven Road
Prospect, Connecticut

