



## Antrim Wind Project

Town of Antrim - Hillsborough County, New Hampshire

### Figure 7: Viewshed Analysis

Sheet 2 of 4: Turbine Blade Tip Visibility Based on Topography and Vegetation

May 2016

- Notes:**
1. Basemap: Hillshade derived from 10-meter resolution USGS DEM data; ESRI StreetMap North America, 2008.
  2. Potential turbine visibility based on topography and the screening effects of mapped forest vegetation (with an assumed height of 40 ft).
  3. Viewshed analysis based on the maximum blade tip height of 149 meters for Turbines 1-8 and 136 meters for Turbine 9.
  4. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- |     |                          |                              |
|-----|--------------------------|------------------------------|
| ●   | Wind Turbine             | Potential Turbine Visibility |
| --- | 5-Mile Study Area        | 1-2 Turbines Visible         |
| —   | 10-Mile Study Area       | 3-4 Turbines Visible         |
| --- | City or Village Boundary | 5-6 Turbines Visible         |
| --- | Town Boundary            | 7-8 Turbines Visible         |
| --- | County Boundary          | 9 Turbines Visible           |

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