

View Location Map



Simulation Information

Base Photograph

Date: 7/1/14
Time: 6:42 pm
Weather conditions: Partly sunny
Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
Sensor Dimensions: 35.8mm x 23.9mm
Lens Make/Model: Canon EF 50mm
Lens Focal Length: 50mm
Focal Length (35mm Equivalent): 52mm
Approx. Angle of View: 40° horizontal, 27° vertical
Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 8
Location: North Shore of Gregg Lake
Orientation: Northwest
Latitude/Longitude: 43.0431850°, -71.9878250°
Camera elevation above sea level: 1,267.388 ft (386.3m)
Simulation viewing distance: 21.3 in (54.102 cm)
Distance to nearest visible turbine: N/A
Distance to furthest visible turbine: 8.27 miles (13.30 km)

Turbine Information

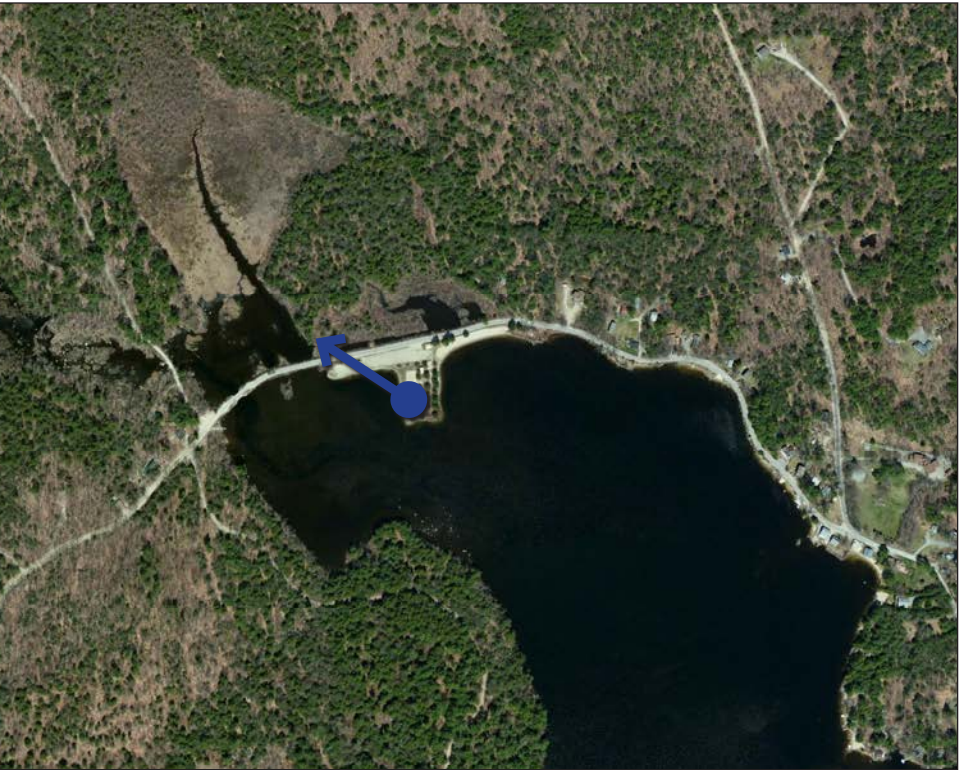
Model: Siemens SWT 3.2 / 113
Hub height: T1 - T8 303'-6" (92.5 m) T9 260'-10" (79.5 m)
Rotor diameter: 370'-8" (113 m)
Overall turbine height: T1 - T8 488'-10" (149.01 m) T9 445'-2" (135.67 m)

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set and Antrim Wind Energy. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. This simulation depicts turbines, as well as visibility of access roads, collector lines, and associated clearing.

Technical Information

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
Digital elevation data source: USGS National Elevation Dataset (NED) 1/3 arc-second



Aerial Context Map





EXHIBIT 8: EXISTING CONDITIONS FROM GREGG LAKE, ANTRIM (SHEET 2 OF 3)



EXHIBIT 8: VISUAL SIMULATION OF PROPOSED CONDITIONS FROM GREGG LAKE, ANTRIM (SHEET 3 OF 3)