



View Location Map

Simulation Information

Base Photograph
Date: 8/21/14
Time: 6:22 pm
Weather conditions: Cloudy
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
Viewpoint Location: Exhibit 10
Location: Fire Tower @ Summit of Pitcher Mountain
Orientation: East/Southeast
Latitude/Longitude: 43.094025°, -72.134962°
Camera elevation above sea level: 2,210 ft (673.61 m)
Simulation viewing distance: 21.3 in (54.102 cm)
Distance to nearest visible turbine: 6.39 miles (10.24 km)
Distance to furthest visible turbine: 6.83 miles (11.0 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 10: EXISTING CONDITIONS FROM PITCHER MOUNTAIN FIRE TOWER, STODDARD (SHEET 2 OF 3)



EXHIBIT 10: VISUAL SIMULATION OF PROPOSED CONDITIONS FROM PITCHER MOUNTAIN FIRE TOWER, STODDARD
(SHEET 3 OF 3)
ANTRIM WIND VISUAL ASSESSMENT
January 2016