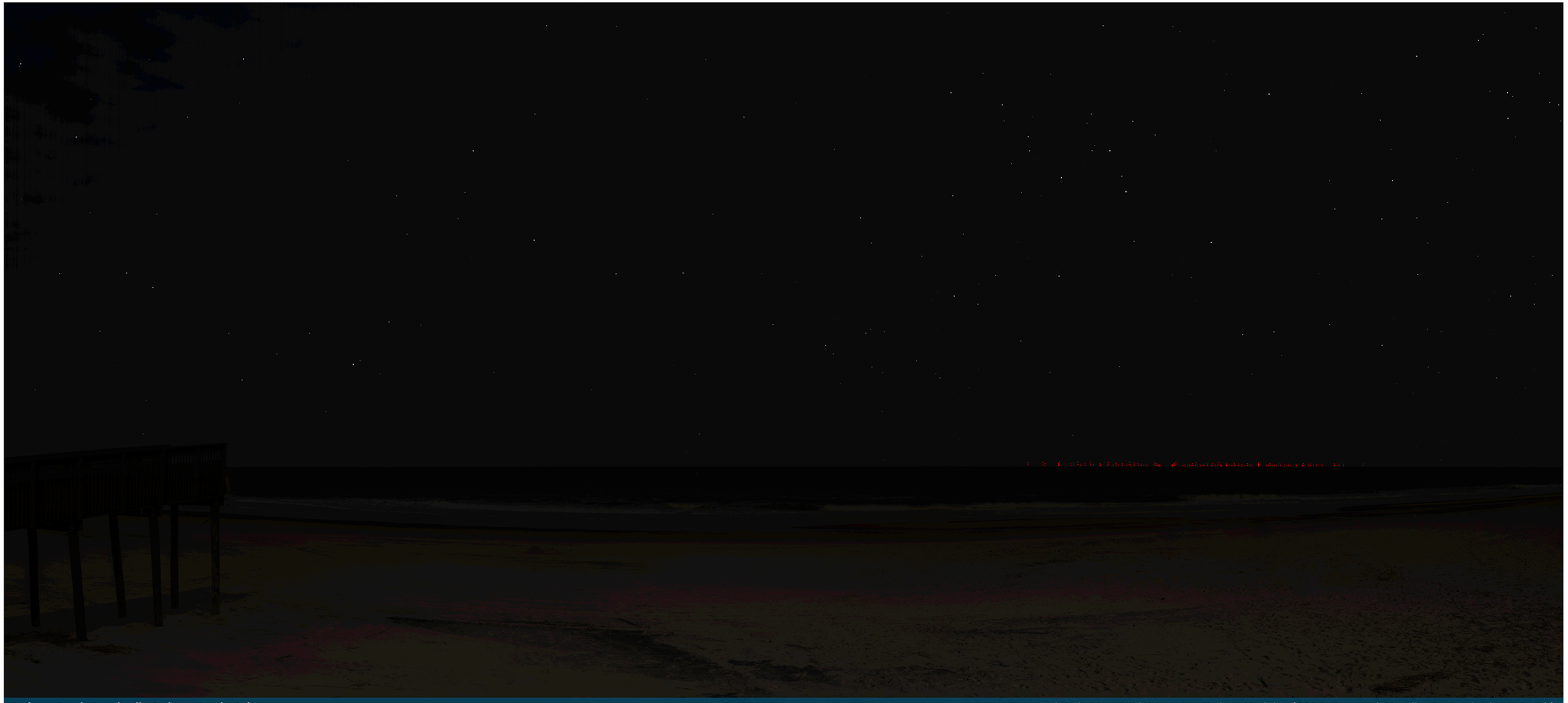

Bethany Beach Boardwalk, Bethany Beach, Delaware

Proposed Night View With Maximum Turbine Visibility (COP Layout With Nacelles Perpendicular to Beach)

Production Date: September 14, 2021

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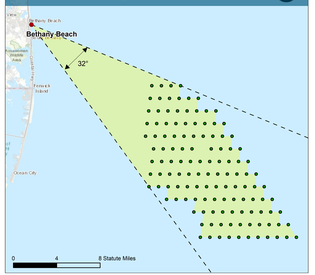
Contextual Map

Regional Map



Viewpoint & Project Data

Bethany Beach, Delaware

Date	March 23, 2016	**Distance to Closest WTG**	12.4 statute mi.
Time	2200 Hrs	**Temperature**	68°F
Camera Coordinates	UTM Z18 Meters	**Weather Conditions**	Partly Cloudy
Northing	4265354.32	**Humidity**	86%
Easting	495288.37	**Visibility**	10 statute miles
Height to Lens	5.1 Feet	**Wave Height**	1-2 Feet
Ground Elevation	11.5 Feet	**Lighting Conditions**	NA
Camera Make	Nikon	**Number of Turbines**	125
Camera Model	D810	**MW Capacity of Turbines**	18
Focal Length	50 mm	**Turbine Height to Top of Blade**	938 Feet
Field of View (FOV)	124° x 55°	**Direction of View**	South East
Project Area FOV	32°	**Wind Direction From**	310° (NW)
Feet (%) Visible Nearest WTG	906.3 Feet (97%)		

* Atmospheric conditions based on the National Weather Service (NWS) Daily Summaries which are available at www.weatherunderground.com. Please note, the NWS records visibility to a maximum of 10 miles; actual visibility may be further.

The simulation includes lights at the top of the turbine nacelle (460 feet above sea level) and midway up the tower (240 ASL). 28 of the 125 mid-tower lights fall below the horizon and are not visible.

US Wind

ess group

This simulation is intended to be viewed as a large printed photomontage mounted on a curved stand. The distance the viewer should position themselves from the center of the simulation will vary with the printed size (i.e. 9 inches away for a printed width of 20 inches)

Ambient lighting in the photograph has been simulated