Assateague State Park and National Seashore, Berlin, Maryland

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

Production Date: September 21, 2021

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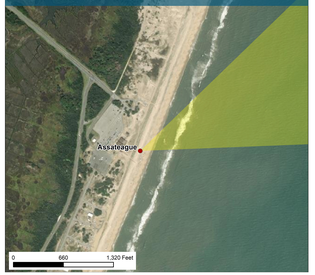
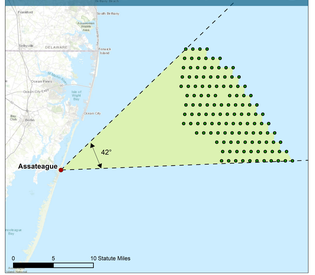
Contextual Map



Regional Map



Viewpoint & Project Data

Berlin, Maryland

Date	March 22, 2016	**Distance to Closest WTG**	16.4 statute mi.
Time	2200 Hrs	**Temperature**	53° F
Camera Coordinates	UTM Z18 Meters	**Weather Conditions**	Mostly Clear
Northing	4227155.15	**Humidity**	92%
Easting	486315.24	**Visibility**	10 statute miles
Height to Lens	5.1 Feet	**Wave Height**	1-2 Feet
Ground Elevation	13.3 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**	NE
Project Area FOV	42°	**Wind Direction From**	251° (SW)
Feet (%) Visible Nearest WTG	867 Feet (93%)		

* 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 (480 feet above sea level) and midway up the tower (240 ASL).

US Wind

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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