Assateague State Park and National Seashore, Berlin, Maryland

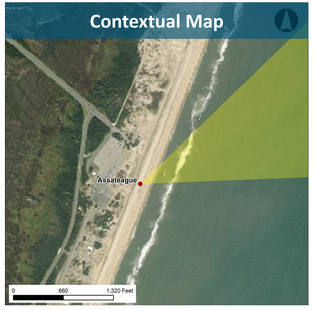
Proposed Late Afternoon View With Maximum Turbine Visibility (COP Layout With Nacelles Perpendicular to Beach)

Production Date: September 28, 2021

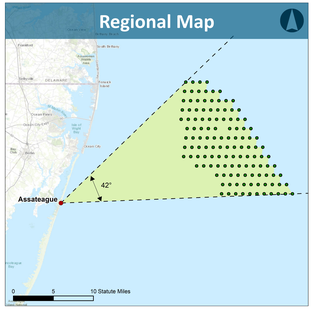
©2022 ESS Group LLC

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.

Contextual Map



Regional Map



Viewpoint & Project Data

Berlin, Maryland

Date ..... March 22, 2016	**Distance to Closest WTG**.....16.4 statute mi
Time ..... 1700 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..... 13.7 Feet	**Lighting Conditions** .....Lit From the SW
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 (92%)

* Atmospheric conditions based on the National Weather Service (NWS) *Daily Summaries* which are available at www.wunderground.com. Please note, the NWS records visibility to a maximum of 10 miles; actual visibility may be further. Paint color will be determined in consultation with BOEM, the FAA, and USCG. The simulations conservatively use RAL 9010 "Pure White".

US Wind

ess group