

SCENARIO 1 INTERVISIBILITY ASSESSMENT FROM KEY OBSERVATION POINT

#### Location: Minimum Distance Maximum Blade Visibility Status Date: from KOP to Height of Nearest Development This Scenario Time: Turbines (mi) Turbine (Feet) Maryland Offshore Wind 12.5 938 Not Developed Project, OCS-A 0490 853 Skipjack, OCS-A 0519 25.9 Not Developed Garden State Offshore 26.8 853 Not Developed Wind, OCS-A 0482 Constructed Ocean Wind 2, OCS-A 0532 53.3 906 Not Developed **Developed But** Ocean Wind 1, OCS-A 0498 64.8 906 **Beyond Visible** Distance Developed But Atlantic Shores South, OCS-77.5 1049 Beyond Visible A 0499 Distance Atlantic Shores North, OCS-90.2 1049 Not Developed A 0549 **Developed But** Coastal Virginia Offshore 92.3 869 **Beyond Visible** Wind (C-Lease), OCS-A 0483 Distance Coastal Virginia Offshore Developed But Wind (Research Lease), 101.2 607 Beyond Visible OCS-A 0497 Distance Atlantic Shores Offshore Wind Bight (NY Bight), OCS-853 Not Developed 98.4 A 0541 Invenergy Wind Offshore 99.3 853 Not Developed (NY Bight), OCS-A 0542

# SHEET INDEX

Information on the neighboring offshore development projects is based on the most current information available



<sup>1</sup> "The Best Paper Format and Viewing Distance to Represent the Scope and Scale of Visual Impacts", Journal of Landscape Architecture, 4-2019, pp. 142-151, J. Palmer <sup>2</sup> Sheppard, S. 1989. Visual Simulation: A User's Guide for Architects, Engineers, and Planners. New York: Van Nostrand Rheinhold.

OCS-A 0483, OCS-A 0497, OCS-A 0541, and OCS-A 0542 are located beyond the extent of this map. These lease areas are determined by the Intervisibility Assessment to be beyond visible distance from the KOP. See the Intervisibility Assessment table on this sheet for more details.

Statute Miles Current KOP Simulation Blades Visible Blades and Nacelle KOP Location Visible Horizontal Field of Blades, Nacelle, and View (HFOV) (124°) Tower Visible – Limit of Visibility OSS Visible ✔ WTG Not Visible OSS Not Visible

### SITE INFORMATION

Site Name:

Ocean City Boardwalk Ocean City, MD N/A N/A Coordinates (Lat/Lon WGS84): 38.328, -75.085 Landscape Zone: Barren Land (Rock/Sand/Clay) - Beach

## CUMULATIVE VISUAL EFFECTS SCENARIOS (CURRENT IS BOLD)

#### Scenario 1, Pre-Buildout of Maryland Offshore Wind Project

Scenario 2, Maryland Offshore Wind Project and Projects Already or Considered

Scenario 3, Project Construction by 2030

Scenario 4, Project Construction by 2030 Without Maryland Offshore Wind Project Scenario 5, Maryland Wind Without Other Foreseeable Future Changes

### SCENARIO DESCRIPTION AND ASSUMPTIONS

Scenario 1 depicts conditions that are anticipated prior to construction of the Maryland Offshore Wind Project, which includes Coastal Virginia Offshore Wind (Research Lease) OCS-A 0497 constructed in 2020, Coastal Virginia Offshore Wind (C-Lease) OCS-A 0483, Ocean Wind 1 OCS-A 0498, and Atlantic Shores South OCS-A 0499. From KOP 1, Ocean City Boardwalk, the intervisibility assessment indicates that none of the offshore wind projects constructed or anticipated to be constructed prior to the Maryland Offshore Wind Project would be visible from this KOP. Therefore, no simulations have been generated for Scenario 1 from KOP 1.

As a point of reference, a 1049' tall structure drops completely below the horizon at a distance of 48.3 statute miles from a 5.1' tall viewer at this KOP.

Sheet 1 - Simulation Context and Intervisibility Assessment

## **KOP 1 OCEAN CITY BOARDWALK, MARYLAND**

Maryland Offshore Wind Project Cumulative Visual Effects Assessment Simulations Scenario 1, Pre-Buildout of Maryland Offshore Wind Project

# SHEET 1 - SIMULATION CONTEXT AND INTERVISIBILITY ASSESSMENT