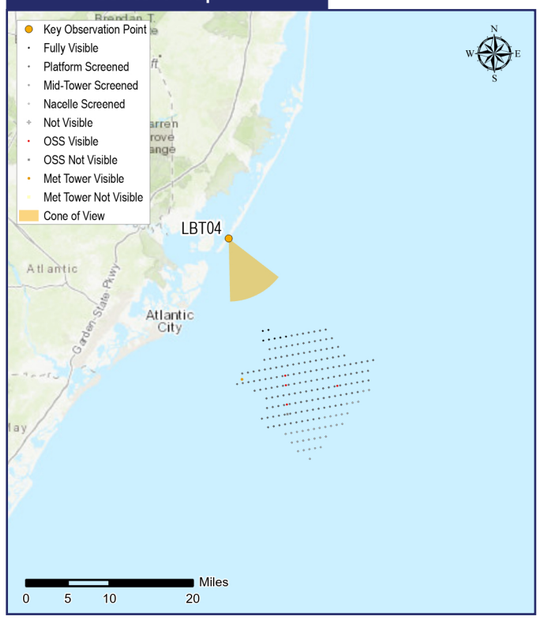
LBT04 Edwin B. Forsythe NWR, Holgate

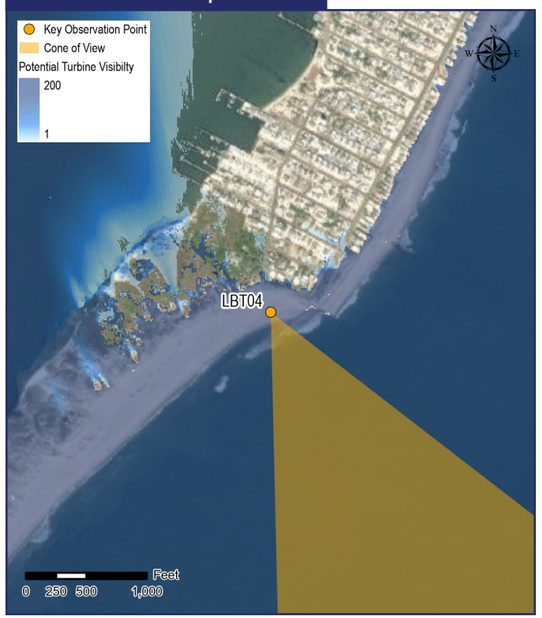
Long Beach Township, Ocean County, New Jersey

The image above is a +/- 124° panorama photograph from Long Beach Island, panning clockwise from east (left) to southwest (right).
The yellow rectangle within the photo represents the extent of the photosimulation photo(s).

Context Map



Location Map



Simulation Information

Coordinates:	39.53091°N, 74.26447°W
Character Area:	Undeveloped Beach, Seascape (SCA)
User Group:	Residents/Tourists
Direction of View:	South-southeast
Distance to Nearest Visible Turbine:	11.84 miles
Visually Sensitive Resource:	Edwin B. Forsythe NWR

Environmental Information

Date Taken:	03/03/2022
Time:	7:00 AM
Temperature:	47°F
Humidity:	71%
Visibility:	10 miles
Wind Direction:	West-northwest
Wind Speed:	10 mph
Conditions Observed:	Cloudy

Photograph Information

Camera:	Canon EOS 5D Mark IV
Resolution:	30.4 Megapixels
Focal Length:	50mm
Camera Height:	7.03 feet AMSL

Notes

Printed at 100%, the photosimulations are 15 inches wide by 10 inches high. At this size, the photosimulation(s) should be viewed from a distance of 21 inches.

Simulated Photograph(s)


Photograph 4165


Photograph 3288

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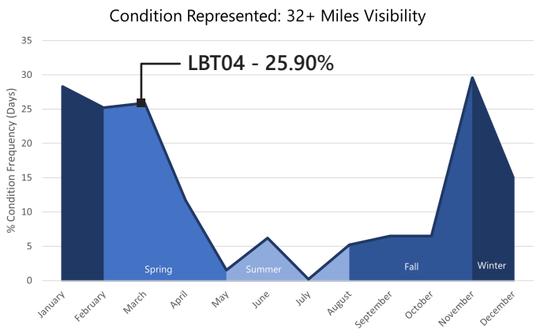
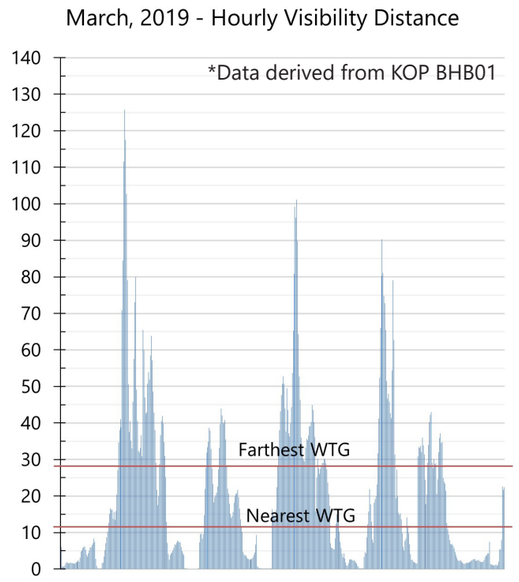
KOP Information

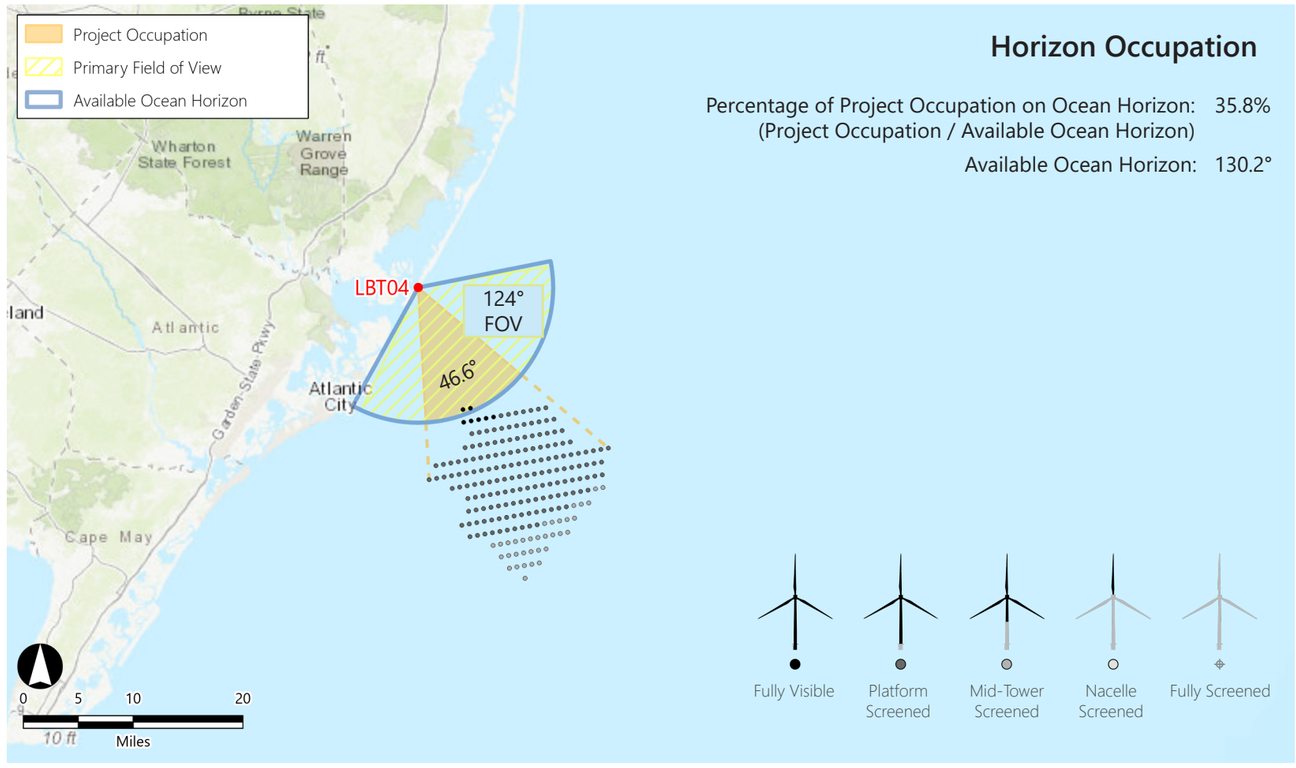
Primary Field of View:	East
Distance to Closest WTG:	11.84 miles
Camera Height:	7.03 ft
User Groups:	Residents, Tourists

Atmospheric Perspective

The effect the atmosphere has on the appearance of an object as viewed from a distance.



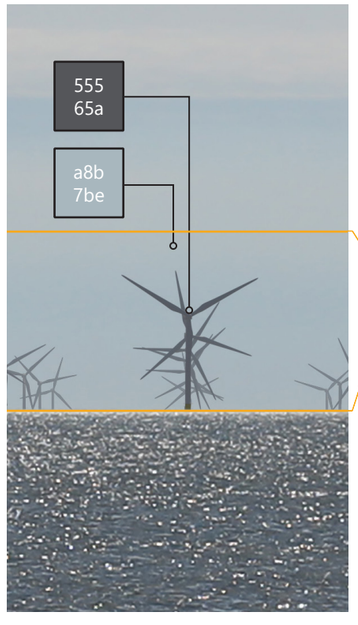




Horizon Occupation

Percentage of Project Occupation on Ocean Horizon: 35.8%
(Project Occupation / Available Ocean Horizon)

Available Ocean Horizon: 130.2°



WTG Color Contrast

Color Contrast Rating:

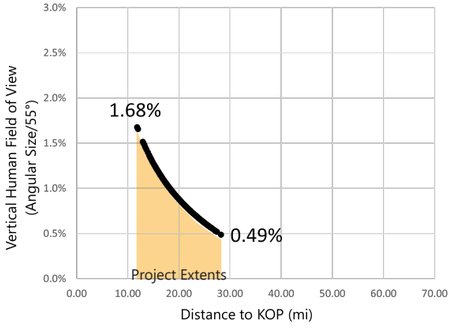
Lighting Condition:	Back lit
Season:	Spring
Sky Condition:	Cloudy
Atmospheric Condition:	>10 Miles

SIMILAR VIEWING PARAMETERS:

KOP AC02 Illustrates the project from 11.42 miles in the front lit condition. This provides an indication of how the turbines may appear from this KOP during midday conditions.

Vertical Occupation

Percentage of Human FOV: 1.68% (0.92° / 55°)
(Considering the nearest visible turbine)



Existing Conditions (Sunrise)

This scale is designed to insure the photosimulation images are printed at the intended size.

Printed at 100% the resulting photosimulation size is 15 inches wide by 10 inches high. At this size and focal length, the photosimulation should be viewed from a distance of 21 inches.

Atlantic Shores Offshore Wind Project
Outer Continental Shelf - New Jersey
Key Observation Point: LBT04 - Edwin B. Forsythe NWR, Holgate
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Photosimulation (Sunrise)

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Existing Conditions (Noon)

0 1 in 2 in

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Photosimulation (Noon)

0 1 in 2 in

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Existing Conditions (Sunset)

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Photosimulation (Sunset)

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