

Atlantic Shores Offshore Wind Project Notes: Outer Continental Shelf - New Jersey to obtain the

AC04 Ocean Casino Resort – Sky Garden Panorama Photosimulation

• Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.

• Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification. • WTG positions in the photosimulations are based on a refraction value of 7/6 or an approximate 0.14 coefficient derived from observations of the constructed Block Island Wind Farm. This refraction coefficient may yield more conservative visibility results (i.e. greater turbine visibility) that the viewshed analysis results which use a refraction coefficient of 0.13.

• WTG tower, blades, and nacelle use the BOEM and FAA required color RAL 9010. The base and platform use RAL 1023 in accordance with USCG regulations. • The cone of view indicated on the Key Observation Point Context map indicates the horizontal extent of view only and does not indicate the extent of WTG visibility. • The resolution of the photosimulations balances the size and usability of the documents with the need for high resolution to see distant project components. Similarly to human vision, very distant turbines may appear blurry or difficult to decipher due to resolution limitations.

• The Key Observation Point Context map considers screening by curvature of the earth, viewer height, and turbine height. Landscape screening features are not considered. Therefore, in this view, the number of visible turbines depicted on the map may not match the photosimulation due to the presence of landscape screening features.



Environmental Information

Date Taken: Time: Temperature: Humidity: Visibility: Wind Direction: Wind Speed: Conditions Observed: Mostly Cloudy

08/18/2020 6:31 AM 70°F 93% 10 miles Calm 0 mph

Simulation Information

Coordinates: Character Area: User Group: Direction of View: Distance to Nearest Visible Turbine: 10.5 miles Visually Sensitive Resource:

Photograph Information

Camera: **Resolution**: Focal Length: Camera Height: 39.36225°N, 74.41353°W Atlantic City, Seascape (SCA) Resident/Tourist East-Southeast Atlantic City Beach

Canon EOS 5D Mark IV 30.4 Megapixels 50mm 117.3 feet AMSL





Key Observation Point Location





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BHB01 Beach Haven Historic District Panorama Photosimulation

landscape screening features.

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Environmental Information

Date Taken: Time: Temperature: Humidity: Visibility: Wind Direction: Wind Speed: Conditions Observed: Cloudy

08/19/2020 6:53 AM 73°F 87% 10 miles Calm 0 mph

Simulation Information

Coordinates: Character Area: User Group: Direction of View: Distance to Nearest Visible Turbine: 13.5 miles Visually Sensitive Resource:

Photograph Information

Camera: **Resolution**: Focal Length: Camera Height: 39.56188°N, 74.23545°W Residents/Tourists, Fishermen South-southeast

Canon EOS 5D Mark IV 30.4 Megapixels 50mm 17.7 feet AMSL

Oceanfront Residential, Seascape (SCA)

Beach Haven Borough Public Beach, Beach Haven Historic District



Key Observation Point Location





Atlantic Shores Offshore Wind Project Notes: Outer Continental Shelf - New Jersey to obtain the

OC04 Gillian's Wonderland Pier Panorama Photosimulation

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Environmental Information

Date Taken: Time: Temperature: Humidity: Visibility: Wind Direction: Wind Speed: Conditions Observed: Fair

08/25/2022 12:47 PM 91° 29% 10 miles Northwest 3 mph

Simulation Information

Coordinates: Character Area: User Group: Direction of View: Distance to Nearest Visible Turbine: 17.2 miles Visually Sensitive Resource:

Photograph Information

Camera: **Resolution**: Focal Length: Camera Height:

39.27506°N, 74.56878°W Residents/Tourists, Fishermen East Ocean City Beachfront

Canon EOS 5D Mark IV 30.4 Megapixels 50mm 5.10 feet AMSL

Commercial Beachfront, Seascape (SCA)





