

SITE INFORMATION

Site Name: Indian River Life Saving Station
 Location: Rehoboth Beach, DE
 Date: 3/24/2016 3/24/2023 3/24/2023
 Time: 8:50 AM 1:16 PM 5:07 PM
 Coordinates (Lat/Lon WGS84), 03/24/2016: 38.633473, -75.066323
 Coordinates (Lat/Lon WGS84), 03/24/2023: 38.633518, -75.066295
 Landscape Zone: Barren Land (Rock/Sand/Clay) - Beach

Several factors may influence small differences in the location used for photography including site access restrictions between multiple visits and changes over time from coastal processes.

VIEW AND CAMERA DETAILS

	Morning	Mid-Day	Late Afternoon
Direction of View:	140°	140°	140°
Ground Elevation (ft msl):	7.5	7.5	7.5
Camera/Viewing Elevation (ft msl):	12.5	12.5	12.5
Camera Used for Simulation Photography:	Nikon D810	Nikon D750	Nikon D750
Camera Lens Focal Length:	50 mm	50 mm	50 mm
Photo Resolution (dpi):	1200	1200	1200
Horizontal Field of View (Panoramas):	124°		
Horizontal Field of View (Single Frame 50 mm Lens):		39.6°	39.6°

ENVIRONMENT

	Morning	Mid-Day	Late Afternoon
Weather Conditions:	Clear, sunny	Cloudy, rain	Cloudy
Temperature:	55° F	46 F	45 F
Humidity:	83%	84%	83%
Lighting Conditions:	Sunny	Overcast	Overcast
Visibility:	9 Miles	8 Miles	9 Miles

DEVELOPMENT DETAILS

Total Number of Turbines: 121
 Total Number of Offshore Substations: 4
 Number of Turbines Visible: 121
 Number of Offshore Substations Visible: 0
 Turbine Output: Approximately 18MW
 Turbine Maximum Blade Height: 938 ft
 Turbine Rotor Diameter: 820 ft
 Distance to Nearest Turbine (Statute Miles): 17.0
 Distance to Farthest Visible Turbine (Statute Miles): 36.3
 Nearest Turbine Visible Height (ft, %): 846.4 ft, 90%
 Farthest Turbine Visible Height (ft, %): 353.7 ft, 38%

SHEET INDEX AND VIEWING INSTRUCTIONS

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- Sheet 2 – Context Photography
- Sheet 3 – Existing Conditions Panorama View, Morning (8:50 AM)
- Sheet 4 – Panorama View With Simulation, Morning (8:50 AM)
- Sheet 5 – Single Frame (50-mm Lens) Simulation, Mid-Day (1:16 PM)
- Sheet 6 – Single Frame (50-mm Lens) Simulation, Late Afternoon (5:07 PM)

Panorama Viewing Instructions:

To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away¹. If viewed in a digital format (i.e. on screen) then similar size and distance should be used.

Single Frame Viewing Instructions:

The viewing distance for a 14.5" single frame simulation captured with a 50-mm lens is 21 inches.

In all cases care must be taken to not over or underrepresent the visual contrasts². Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical.

¹ "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

² Sheppard, S. 1989. Visual Simulation: A User's Guide for Architects, Engineers, and Planners. New York: Van Nostrand Reinhold.

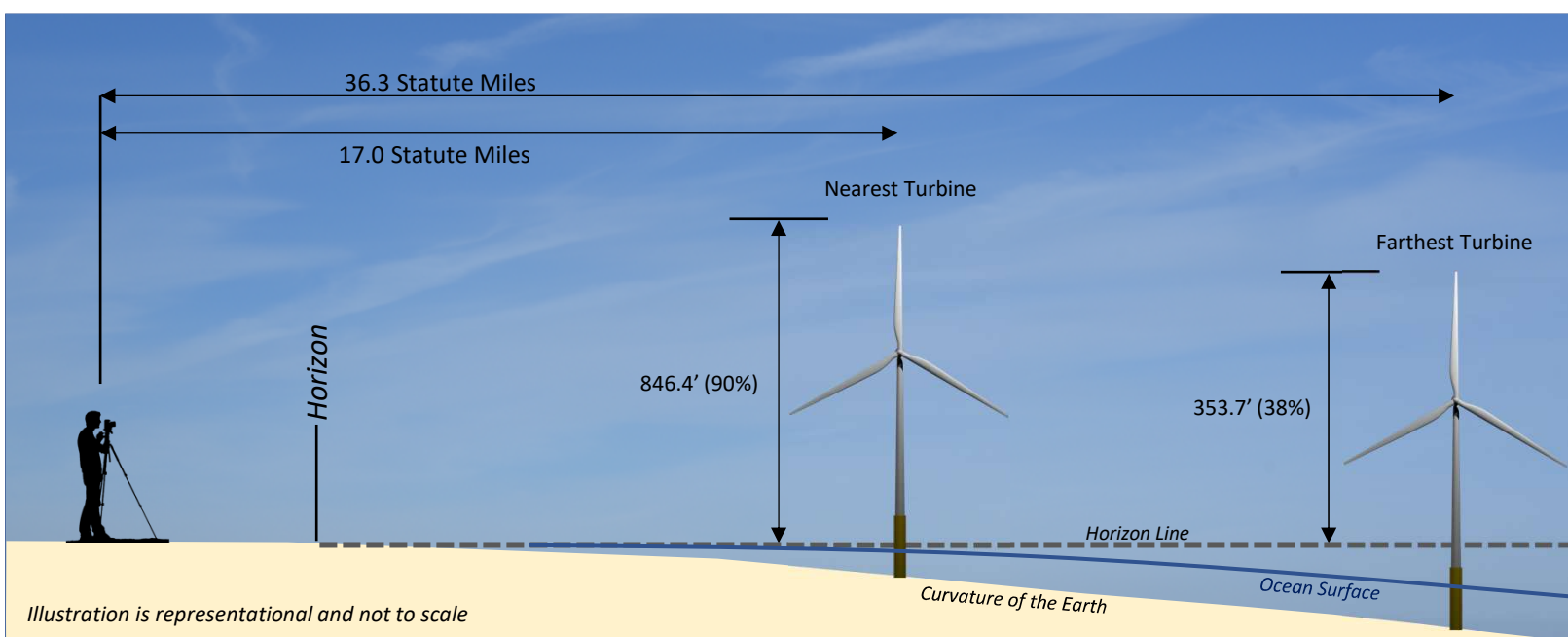
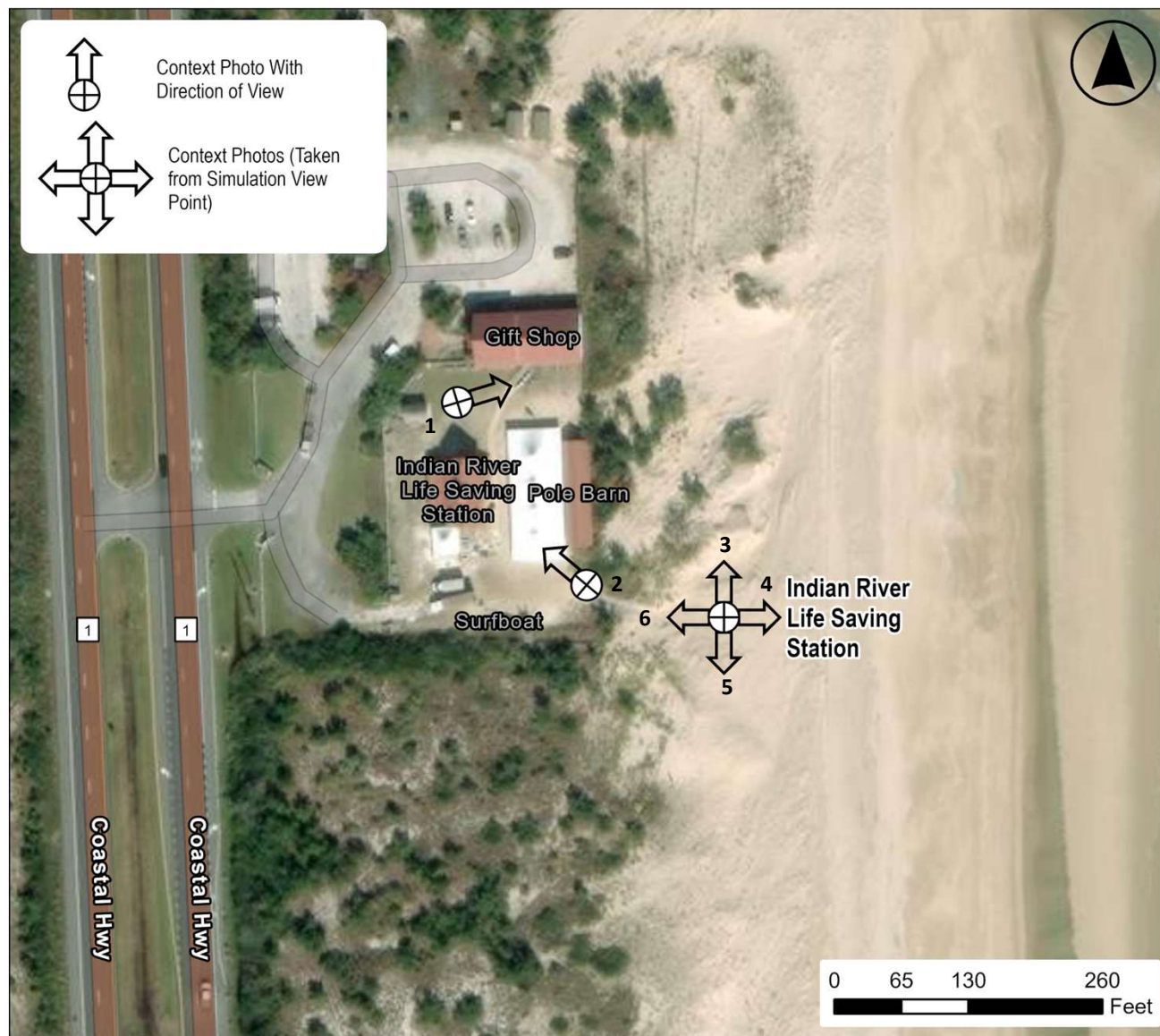


Illustration is representational and not to scale

19. INDIAN RIVER LIFE SAVING STATION, DELAWARE SIMULATION CONTEXT INFORMATION

Maryland Offshore Wind Project Visual Impact Assessment Simulations



Indian River Life Saving Station

The Indian River Life Saving Station in Delaware is northwest of the nearest proposed WTG location. Recreationalists and tourists often visit the museum, spend time on the beach, swim or surf in the water, boat in the nearshore area, or fish along the shoreline.



#1 Context Photo, 03/24/2023 1:30 PM
Taken from the Museum grounds, facing roughly south-east towards the KOP.



#2 Context Photo, 03/24/2023 1:30 PM
A view of the Indian River Life Saving Station Museum.



#3 Viewing North, 03/24/2023 1:15 PM



#4 Viewing East, 03/24/2023 1:15 PM



#5 Viewing South, 03/24/2023 1:15 PM



#6 Viewing West, 03/24/2023 1:15 PM

19. INDIAN RIVER LIFE SAVING STATION, DELAWARE

CONTEXT PHOTOGRAPHY

Maryland Offshore Wind Project Visual Impact Assessment Simulations

Sheet 2





**19. INDIAN RIVER LIFE SAVING STATION, DELAWARE
EXISTING CONDITIONS PANORAMA VIEW, MORNING (8:50 AM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

Sheet 3



VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away¹. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or underrepresent the visual contrasts². Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical. See Sheet 1 for citations.

Detail



See Detail

**19. INDIAN RIVER LIFE SAVING STATION, DELAWARE
PANORAMA VIEW WITH SIMULATION, MORNING (8:50 AM)**

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Sheet 4



VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away¹. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or under represent the visual contrasts². Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical. See Sheet 1 for citations.



VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" single frame simulation captured with a 50-mm lens it should be printed on an 11" x 17" sheet of paper and viewed from 21 inches away¹. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or under represent the visual contrasts². See Sheet 1 for citations.

**19. INDIAN RIVER LIFE SAVING STATION, DELAWARE
SINGLE FRAME (50-mm LENS) SIMULATION, MID-DAY (1:16 PM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

Sheet 5





VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" single frame simulation captured with a 50-mm lens it should be printed on an 11" x 17" sheet of paper and viewed from 21 inches away¹. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or under represent the visual contrasts². See Sheet 1 for citations.

**19. INDIAN RIVER LIFE SAVING STATION, DELAWARE
SINGLE FRAME (50-mm LENS) SIMULATION, LATE AFTERNOON (5:07 PM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

Sheet 6

