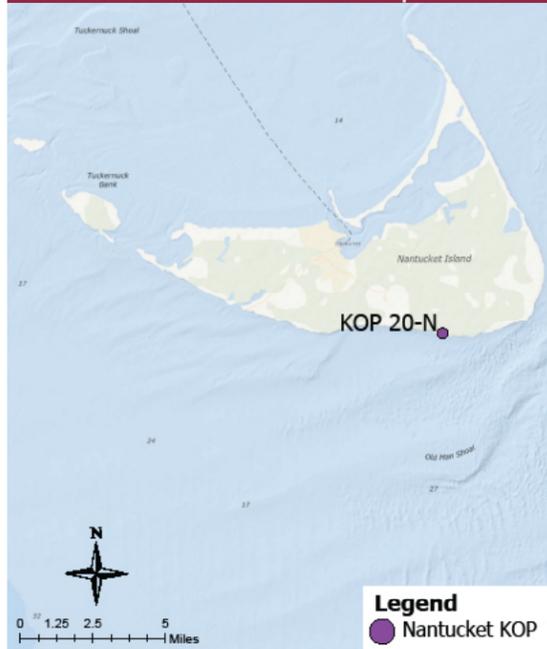


## Panoramic Photograph



The sheet should be viewed on a 24 inch monitor scaling the red square to 11" x 17". To view the area outside of the red square, pan the surrounding panoramic image maintaining the 11" x 17" size within the red square.

## Baseline Conditions Map



## Photograph Information

Location	
Viewpoint Location	Madequecham 5
Date of Photograph	6/16/20
Seascape/Landscape Character Area	Ocean Beach
Time of Photograph	12:06 pm
Latitude	41°14'26.29"N
Longitude	70° 1'36.66"W
Environment	
Temperature	71°F
Percent Humidity	59%
Wind Direction & Speed	NNW 14 mph
Weather Condition	Clear
Tidal Height	Low-Mid
Sun Angle	Back-lit
Sun Elevation	70.69°

Project View	
Horizontal Field of View	147.2°
Horizontal FOV Occupied	17.2°
Vertical Field of View	39.6°
Viewing Direction	222°
Elevation+Tripod Height:	13.5 Feet
Camera Settings:	
Camera Model	Nikon D4
fstop	f/14
ISO	720
Shutter (seconds)	1/3200

## Context Map



Access	Public beach recreation
Adjacent Amenities	Small parking lot
Adjacent SLCAs	Ocean beach, coastal scrub shrub, very low density residential structures
Adjacent KOPs	KOP-NA06 Madequacham 1, KOP-NA26 New South Road

# KOP-NA20 | Madequecham 5 | Beacon Wind Project

Baseline Conditions Overview



Time of Day: Afternoon  
Weather Condition: Clear  
Image: Pre-Project Construction

*The sheet should be printed at 11 x 17 inches; full size with no scaling; and viewed at arm's length (24 inches). If viewed on a computer monitor, the document should be viewed on a 24 inch monitor and scaled to 100 percent in Adobe Acrobat at arm's length (24 inches).*

## **KOP-NA20 | Madequecham 5 | Beacon Wind Project**

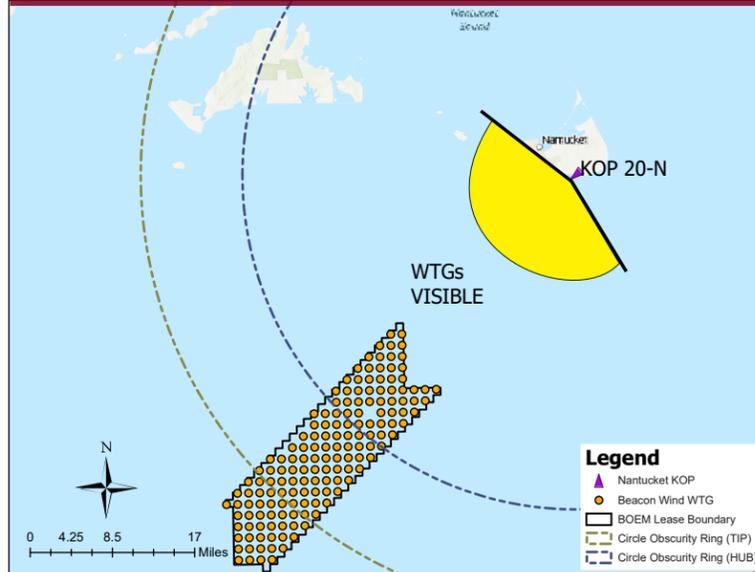
Baseline Conditions

## Panoramic Photograph



The sheet should be viewed on a 24 inch monitor scaling the red square to 11" x 17". To view the area outside of the red square, pan the surrounding panoramic image maintaining the 11" x 17" size within the red square.

## Simulated Conditions



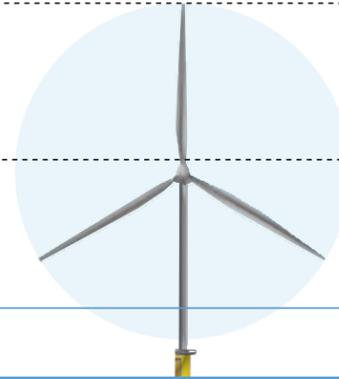
Viewing angle depicted reflects the panoramic shown above

Tip of Blade  
1,083 ft

Hub  
591 ft

Approximate Horizon

Sea Level



Visible Above Horizon  
825.3 ft (76.2%)

333.3 ft  
(30.8%)

Horizon  
to Hub

257.7 ft (23.8%)

## Simulated Conditions Turbine Data

Turbine Data	
Closest Visible WTG	24.32
Furthest Visible WTG	52.82
Structures Potentially Visible	115
Structures Potentially Not Visible	40

## Simulated Conditions



Viewing angle depicted reflects the cropped views shown on the following pages

# KOP-NA20 | Madequecham 5 | Beacon Wind Project

Simulated Conditions Overview

**BEACON WIND PROJECT**



Time of Day: Afternoon  
Weather Condition: Clear  
Image: Pre-Project Construction

*The sheet should be printed at 11 x 17 inches; full size with no scaling; and viewed at arm's length (24 inches). If viewed on a computer monitor, the document should be viewed on a 24 inch monitor and scaled to 100 percent in Adobe Acrobat at arm's length (24 inches).*

**KOP-NA20 | Madequecham 5 | Beacon Wind Project**

Simulated Conditions

Number of WTG shown: 115  
Number of WTG out of picture: 40