

V06. Great Bay Boulevard Wildlife Management Area

Little Egg Harbor Township, Ocean County

LANDSCAPE INFORMATION

Field Identification Number. 274

Context Image Dates. 20 September 2018

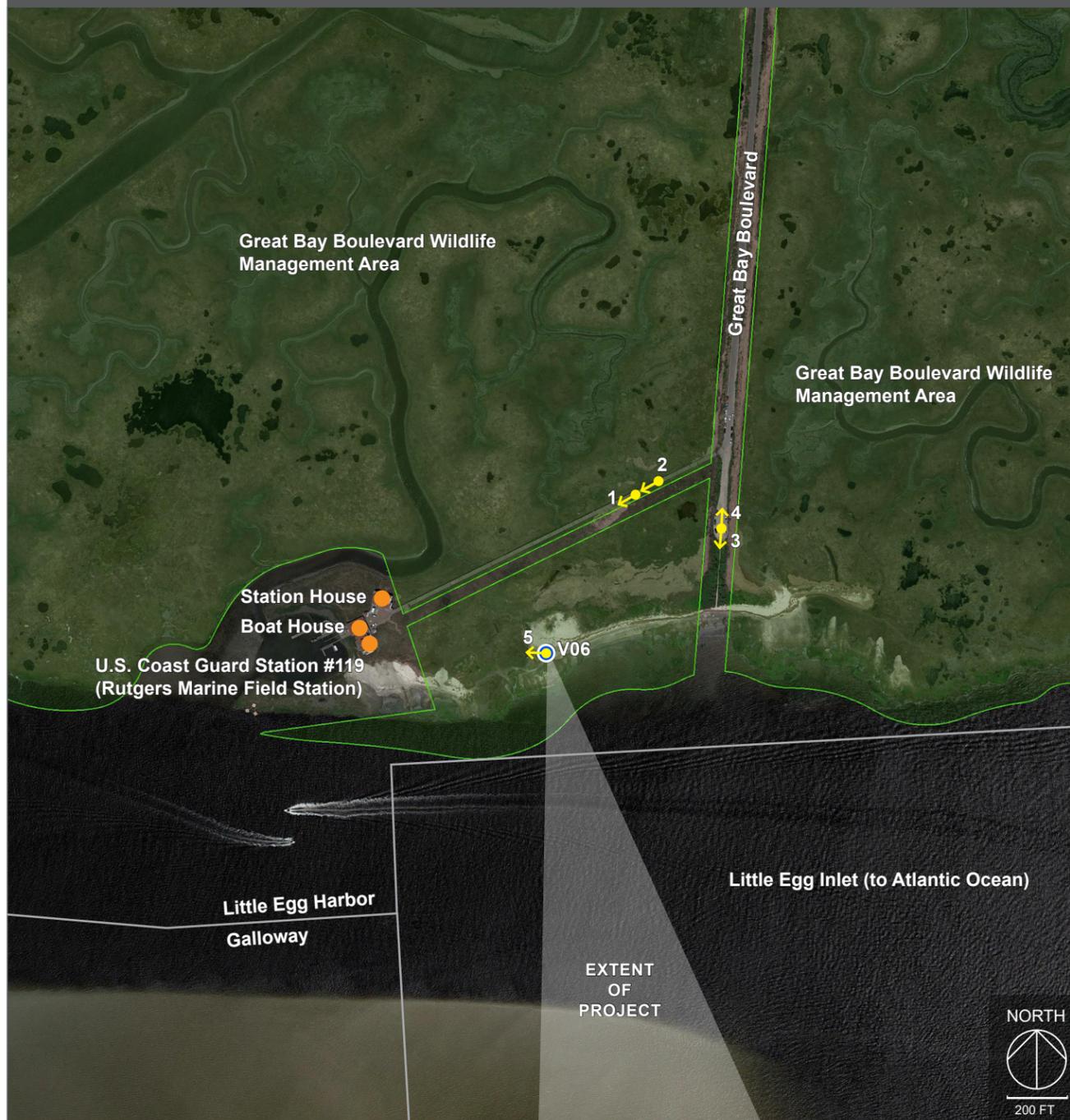
Site Map Aerial Date. 24 May 2018

Physiographic Area. Marsh + Bay

Landscape Similarity Zone (LSZ). Marshland

Scenic Resources. Viewpoint from Great Bay Boulevard Wildlife Management Area. Viewpoint near three structures eligible for the NRHP: U.S. Coast Guard Station #119 (Rutgers Marine Field Station); Station House; and Boat House.

SITE MAP



CONTEXT IMAGES



1. View looking southwest from access gate on boardwalk toward U.S. Coast Guard Station #119 (Rutgers Marine Field Station). Atlantic City skyline is visible on left side of image.



2. View looking southwest from boardwalk toward U.S. Coast Guard Station #119 (Rutgers Marine Field Station) access gate.



3. View looking south from end of Great Bay Boulevard toward beach access.



4. View looking north from the end of Great Bay Boulevard.



5. View looking west from visualization location on beach toward U.S. Coast Guard Station #119 (Rutgers Marine Field Station).

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PANORAMIC VISUALIZATION



EXTENT OF NORMAL VIEW

CONTEXT MAP



ALTERNATIVES ANALYSIS

Original Layout: Turbine layout submitted in COP.

Turbine Dimensions: 906 ft blade tip height, 512 ft hub height, 788 ft rotor diameter.

TURBINE DIMENSIONS

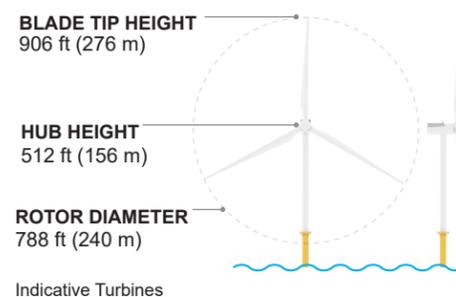


IMAGE DATA

LOCATION

Date	20 September 2018
Time	9:40 AM
Latitude	39.508809°
Longitude	-74.322008°
Direction of View	South
LSZ	Marshland

PHOTO

Field ID	274
Camera	NIKON D5500
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	7'

PROJECT INFRASTRUCTURE

Number of Turbines	99
Number of offshore Substations	3

ENVIRONMENTAL

Temperature (°F)	72°
Humidity	73%
Visibility	10 mi
Wind Direction	E
Wind Speed	7 mph
Weather Conditions	Overcast

PROJECT VIEW

Distance to Project	21.85 miles
Project Horizontal Field of View (HFOV)	30°

V06

Great Bay Boulevard Wildlife Management Area

Little Egg Harbor Township, Ocean County

OCEAN WIND

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V06. Great Bay Boulevard Wildlife Management Area

Little Egg Harbor Township, Ocean County

PANORAMIC VISUALIZATION



EXTENT OF NORMAL VIEW

CONTEXT MAP

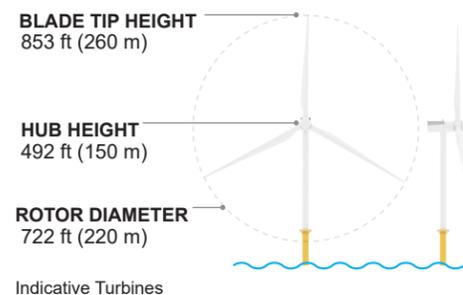


ALTERNATIVES ANALYSIS

Alternative B-1: Exclusion of up to nine turbine positions in the first two shoreward strings of turbines that includes F01 to K01 and B02 to D02.

Turbine dimensions: 853 ft blade tip height, 492 ft hub height, 722 ft rotor diameter.

TURBINE DIMENSIONS



Indicative Turbines

IMAGE DATA

LOCATION

Date	20 September 2018
Time	9:40 AM
Latitude	39.508809°
Longitude	-74.322008°
Direction of View	South
LSZ	Marshland

ENVIRONMENTAL

Temperature (°F)	72°
Humidity	73%
Visibility	10 mi
Wind Direction	E
Wind Speed	7 mph
Weather Conditions	Overcast

PHOTO

Field ID	274
Camera	NIKON D5500
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	7'

PROJECT VIEW

Distance to Project	21.85 miles
Project Horizontal Field of View (HFOV)	28°

PROJECT INFRASTRUCTURE

Number of Turbines	89
Number of offshore Substations	3

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PANORAMIC VISUALIZATION



EXTENT OF NORMAL VIEW

CONTEXT MAP



ALTERNATIVES ANALYSIS

Alternative B-2: Exclusion of up to 19 turbine positions in the first three shoreward strings of turbines that includes F01 to K01, A02 to K02, A03 and C03.

Turbine Dimensions: 906 ft blade tip height, 512 ft hub height, 788 ft rotor diameter.

TURBINE DIMENSIONS

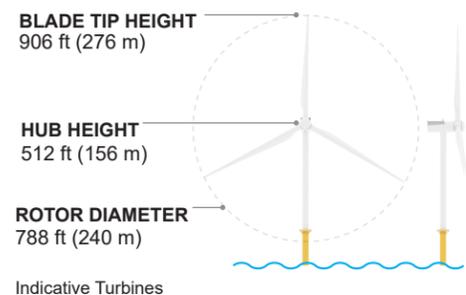


IMAGE DATA

LOCATION

Date	20 September 2018
Time	9:40 AM
Latitude	39.508809°
Longitude	-74.322008°
Direction of View	South
LSZ	Marshland

ENVIRONMENTAL

Temperature (°F)	72°
Humidity	73%
Visibility	10 mi
Wind Direction	E
Wind Speed	7 mph
Weather Conditions	Overcast

PHOTO

Field ID	274
Camera	NIKON D5500
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	7'

PROJECT VIEW

Distance to Project	23.53 miles
Project Horizontal Field of View (HFOV)	27°

PROJECT INFRASTRUCTURE

Number of Turbines	79
Number of offshore Substations	3

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V06. Great Bay Boulevard Wildlife Management Area

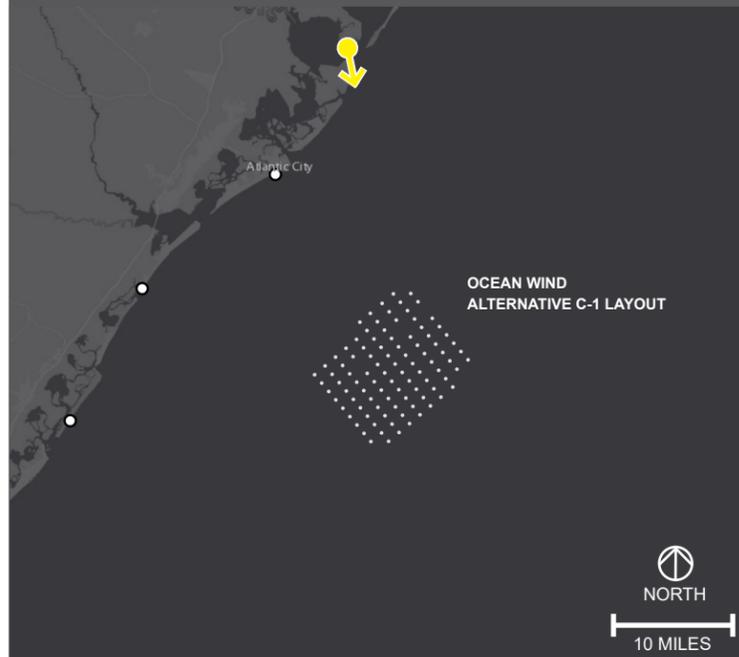
Little Egg Harbor Township, Ocean County

PANORAMIC VISUALIZATION



EXTENT OF NORMAL VIEW

CONTEXT MAP



ALTERNATIVES ANALYSIS

Alternative C-1: Exclusion of eight turbine positions (A02 to A09), relocation of eight turbine positions to the northern portion of the Ocean Wind Lease Area (C00 to F00 and B01 to E01).

Turbine Dimensions: 906 ft blade tip height, 512 ft hub height, 788 ft rotor diameter.

TURBINE DIMENSIONS

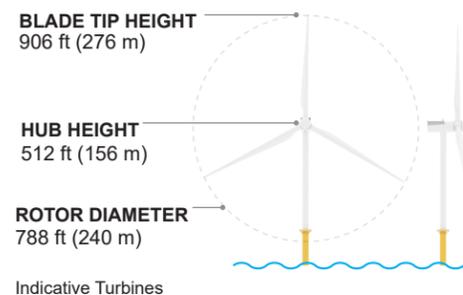


IMAGE DATA

LOCATION

Date	20 September 2018
Time	9:40 AM
Latitude	39.508809°
Longitude	-74.322008°
Direction of View	South
LSZ	Marshland

ENVIRONMENTAL

Temperature (°F)	72°
Humidity	73%
Visibility	10 mi
Wind Direction	E
Wind Speed	7 mph
Weather Conditions	Overcast

PHOTO

Field ID	274
Camera	NIKON D5500
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	7'

PROJECT VIEW

Distance to Project	21.19 miles
Project Horizontal Field of View (HFOV)	27°

PROJECT INFRASTRUCTURE

Number of Turbines	98
Number of offshore Substations	3

V06

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EXISTING CONDITIONS



**NORMAL VIEW
EXISTING IMAGE**

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**Great Bay
Boulevard Wildlife
Management Area**

**Little Egg Harbor
Township,
Ocean County**

VIEW NOTE

When printed on 11x17 inch paper, viewer should hold this image approximately 21 inches from eye to replicate actual view.

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V06. Great Bay Boulevard Wildlife Management Area

Little Egg Harbor Township, Ocean County

ORIGINAL LAYOUT VISUALIZATION



**NORMAL VIEW
VISUALIZATION**

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**Great Bay
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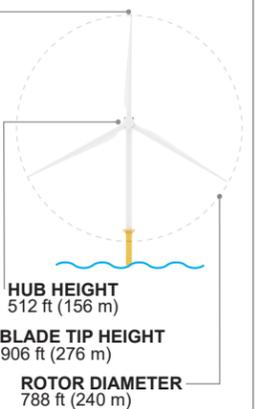
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**ORIGINAL
VISUALIZATION**

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TURBINE DIMENSIONS



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ALTERNATIVE B-1 VISUALIZATION



**NORMAL VIEW
VISUALIZATION**

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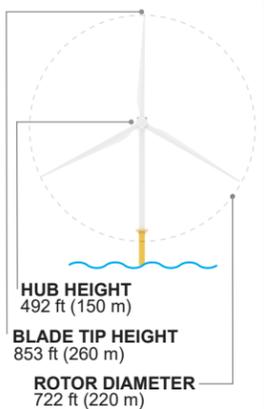
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**ALTERNATIVE B-1
VISUALIZATION**

VIEW NOTE

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TURBINE DIMENSIONS



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V06. Great Bay Boulevard Wildlife Management Area

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ALTERNATIVE B-2 VISUALIZATION



**NORMAL VIEW
VISUALIZATION**

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**Great Bay
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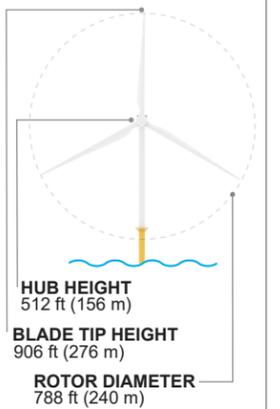
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**ALTERNATIVE B-2
VISUALIZATION**

VIEW NOTE

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TURBINE DIMENSIONS



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ALTERNATIVE C-1 VISUALIZATION



**NORMAL VIEW
VISUALIZATION**

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**Great Bay
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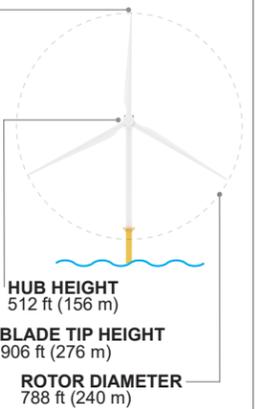
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**ALTERNATIVE C-1
VISUALIZATION**

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TURBINE DIMENSIONS



OCEAN WIND

