

# V14. Playground Pier

Atlantic City, Atlantic County

## LANDSCAPE INFORMATION

**Field Identification Number.** 200

**Context Image Dates.** 19 September 2018

**Site Map Aerial Date.** 26 August 2016

**Physiographic Area.** Shoreline

**Landscape Similarity Zone (LSZ).** Boardwalk

**Scenic Resources.** Visualization near Atlantic City Convention Hall (NHL); Shelburne Hotel (listed on NRHP); Atlantic City Boardwalk Historic District (identified historic property - no official NRHP eligibility determination).

## SITE MAP



## CONTEXT IMAGES



1. View looking southeast from the west side of Playground Pier toward the end of the pier.



2. View looking northeast from visualization location at end of Playground Pier toward Central Pier and Steel Pier.



3. View looking west from end of Playground Pier toward Atlantic City. The Atlantic City Convention Hall (NHL) is visible on the right side of the image.



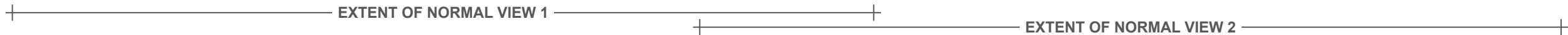
4. View looking northeast from end of playground pier toward Central Pier and Steel Pier.



5. View looking west from visualization location at end of Playground Pier toward Atlantic City shoreline.



PANORAMIC VISUALIZATION



**CONTEXT MAP**

OCEAN WIND ORIGINAL LAYOUT

**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**

**BLADE TIP HEIGHT**  
906 ft (276 m)

**HUB HEIGHT**  
512 ft (156 m)

**ROTOR DIAMETER**  
788 ft (240 m)

Indicative Turbines

**IMAGE DATA**

**LOCATION**

Date	19 September 2018
Time	12:28 PM
Latitude	39.352591°
Longitude	-74.433571°
Direction of View	Southeast
LSZ	Boardwalk

**PHOTO**

Field ID	200
Camera	NIKON D750
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	24'

**PROJECT INFRASTRUCTURE**

Number of Turbines	99
Number of offshore Substations	3

**ENVIRONMENTAL**

Temperature (°F)	79°
Humidity	77%
Visibility	10 mi
Wind Direction	N
Wind Speed	7 mph
Weather Conditions	Broken clouds

**PROJECT VIEW**

Distance to Project	15.21 miles
Project Horizontal Field of View (HFOV)	41°

**V14**

**Playground Pier**

Atlantic City, Atlantic County

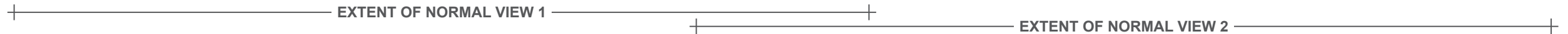
**OCEAN WIND**

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PANORAMIC VISUALIZATION



### CONTEXT MAP

OCEAN WIND  
ALTERNATIVE B-1 LAYOUT

### 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

**BLADE TIP HEIGHT**  
853 ft (260 m)

**HUB HEIGHT**  
492 ft (150 m)

**ROTOR DIAMETER**  
722 ft (220 m)

Indicative Turbines

### IMAGE DATA

LOCATION		ENVIRONMENTAL	
Date	19 September 2018	Temperature (°F)	79°
Time	12:28 PM	Humidity	77%
Latitude	39.352591°	Visibility	10 mi
Longitude	-74.433571°	Wind Direction	N
Direction of View	Southeast	Wind Speed	7 mph
LSZ	Boardwalk	Weather Conditions	Broken clouds
PHOTO		PROJECT VIEW	
Field ID	200	Distance to Project	15.97 miles
Camera	NIKON D750	Project Horizontal Field of View (HFOV)	40°
Resolution	300 dpi		
Focal Length	50mm		
Viewer Eye Elevation	24'		
PROJECT INFRASTRUCTURE			
Number of Turbines	89		
Number of offshore Substations	3		

## V14

### Playground Pier

Atlantic City, Atlantic County

# OCEAN WIND

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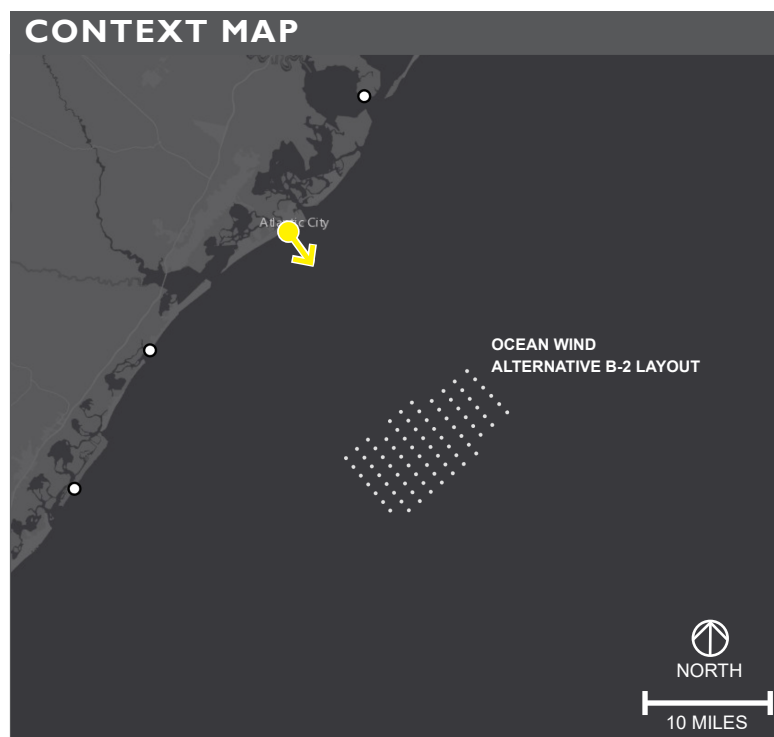
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PANORAMIC VISUALIZATION



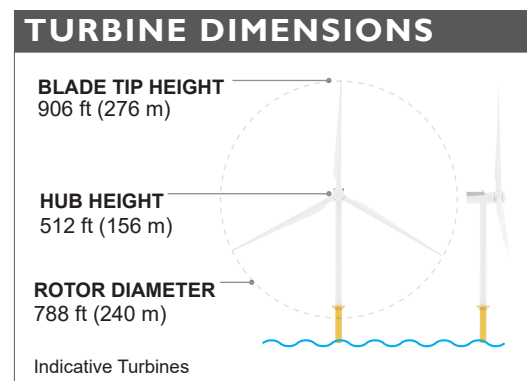
EXTENT OF NORMAL VIEW 1      EXTENT OF NORMAL VIEW 2



**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.



**IMAGE DATA**

**LOCATION**

Date	19 September 2018
Time	12:28 PM
Latitude	39.352591°
Longitude	-74.433571°
Direction of View	Southeast
LSZ	Boardwalk

**ENVIRONMENTAL**

Temperature (°F)	79°
Humidity	77%
Visibility	10 mi
Wind Direction	N
Wind Speed	7 mph
Weather Conditions	Broken clouds

**PHOTO**

Field ID	200
Camera	NIKON D750
Resolution	300 dpi
Focal Length	50mm
Viewer Eye Elevation	24'

**PROJECT VIEW**

Distance to Project	18.11 miles
Project Horizontal Field of View (HFOV)	38°

**PROJECT INFRASTRUCTURE**

Number of Turbines	79
Number of offshore Substations	3

**V14**

**Playground Pier**

Atlantic City, Atlantic County

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**OCEAN WIND**

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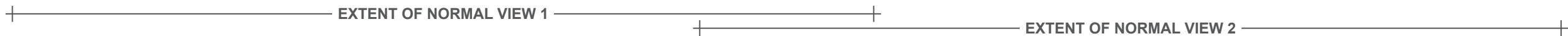
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# V14. Playground Pier

Atlantic City, Atlantic County

## PANORAMIC VISUALIZATION



### CONTEXT MAP

OCEAN WIND ALTERNATIVE C-1 LAYOUT

NORTH

10 MILES

### 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

**BLADE TIP HEIGHT**  
906 ft (276 m)

**HUB HEIGHT**  
512 ft (156 m)

**ROTOR DIAMETER**  
788 ft (240 m)

Indicative Turbines

### IMAGE DATA

LOCATION		ENVIRONMENTAL	
Date	19 September 2018	Temperature (°F)	79°
Time	12:28 PM	Humidity	77%
Latitude	39.352591°	Visibility	10 mi
Longitude	-74.433571°	Wind Direction	N
Direction of View	Southeast	Wind Speed	7 mph
LSZ	Boardwalk	Weather Conditions	Broken clouds
PHOTO		PROJECT VIEW	
Field ID	200	Distance to Project	14.07 miles
Camera	NIKON D750	Project Horizontal Field of View (HFOV)	35°
Resolution	300 dpi		
Focal Length	50mm		
Viewer Eye Elevation	24'		
PROJECT INFRASTRUCTURE			
Number of Turbines	98		
Number of offshore Substations	3		

## V14

### Playground Pier

Atlantic City, Atlantic County

# OCEAN WIND

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# V14. Playground Pier

Atlantic City, Atlantic County



**NORMAL VIEW |  
EXISTING IMAGE**

**V14**

**Playground Pier**

**Atlantic City,  
Atlantic 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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# V14. Playground Pier

Atlantic City, Atlantic County



**NORMAL VIEW |  
VISUALIZATION**

**V14**

**Playground Pier**

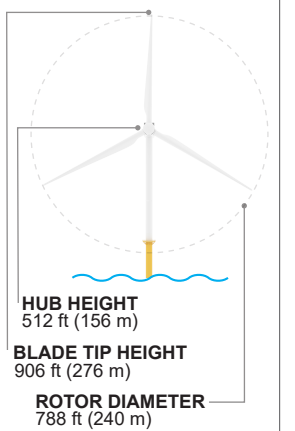
**Atlantic City,  
Atlantic County**

**ORIGINAL  
VISUALIZATION**

**VIEW NOTE**

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**TURBINE DIMENSIONS**



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# V14. Playground Pier

Atlantic City, Atlantic County

## ALTERNATIVE B-1 VISUALIZATION



### NORMAL VIEW I VISUALIZATION

**V14**

**Playground Pier**

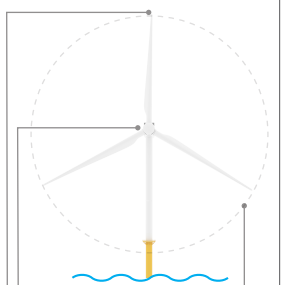
**Atlantic City,  
Atlantic County**

**ALTERNATIVE B-1  
VISUALIZATION**

### VIEW NOTE

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

### TURBINE DIMENSIONS



**HUB HEIGHT**  
492 ft (150 m)

**BLADE TIP HEIGHT**  
853 ft (260 m)

**ROTOR DIAMETER**  
722 ft (220 m)

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**NORMAL VIEW |  
VISUALIZATION**

**V14**

**Playground Pier**

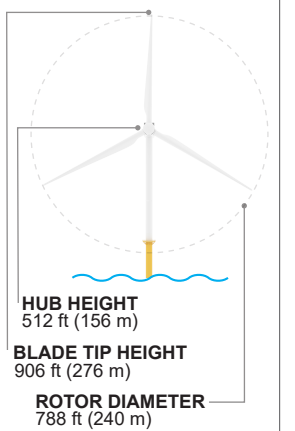
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Atlantic County**

**ALTERNATIVE B-2  
VISUALIZATION**

**VIEW NOTE**

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**TURBINE DIMENSIONS**



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# V14. Playground Pier

Atlantic City, Atlantic County



**NORMAL VIEW |  
VISUALIZATION**

**V14**

**Playground Pier**

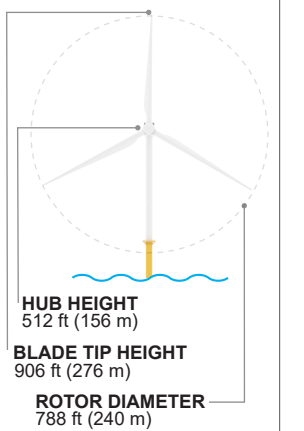
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Atlantic County**

**ALTERNATIVE C-1  
VISUALIZATION**

**VIEW NOTE**

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**TURBINE DIMENSIONS**



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# V14. Playground Pier

Atlantic City, Atlantic County



**NORMAL VIEW 2  
EXISTING IMAGE**

**V14**

**Playground Pier**

**Atlantic City,  
Atlantic County**

**VIEW NOTE**

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**OCEAN WIND**

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# V14. Playground Pier

Atlantic City, Atlantic County



**NORMAL VIEW 2  
VISUALIZATION**

**V14**

**Playground Pier**

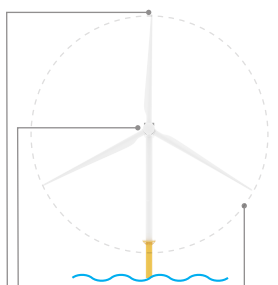
**Atlantic City,  
Atlantic County**

**ORIGINAL  
VISUALIZATION**

**VIEW NOTE**

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

**TURBINE DIMENSIONS**



**HUB HEIGHT**  
512 ft (156 m)

**BLADE TIP HEIGHT**  
906 ft (276 m)

**ROTOR DIAMETER**  
788 ft (240 m)

**OCEAN WIND**

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# V14. Playground Pier

Atlantic City, Atlantic County

## ALTERNATIVE B-1 VISUALIZATION



### NORMAL VIEW 2 VISUALIZATION

**V14**

**Playground Pier**

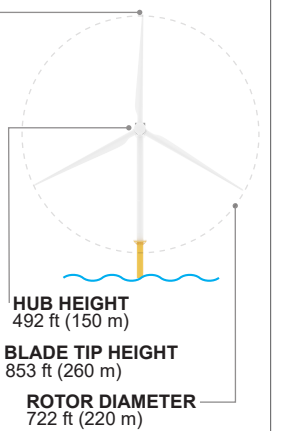
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Atlantic County**

**ALTERNATIVE B-1  
VISUALIZATION**

### VIEW NOTE

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### TURBINE DIMENSIONS



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# V14. Playground Pier

Atlantic City, Atlantic County

## ALTERNATIVE B-2 VISUALIZATION



### NORMAL VIEW 2 VISUALIZATION

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**Playground Pier**

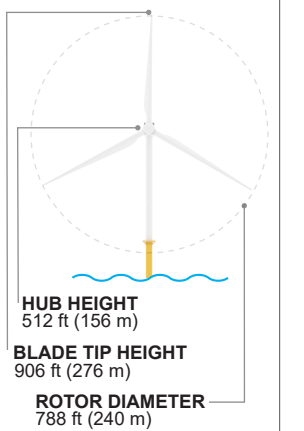
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**ALTERNATIVE B-2  
VISUALIZATION**

### VIEW NOTE

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### TURBINE DIMENSIONS



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# V14. Playground Pier

Atlantic City, Atlantic County

## ALTERNATIVE C-1 VISUALIZATION



### NORMAL VIEW 2 VISUALIZATION

**V14**

**Playground Pier**

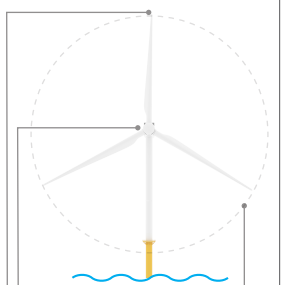
**Atlantic City,  
Atlantic County**

**ALTERNATIVE C-1  
VISUALIZATION**

### VIEW NOTE

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### TURBINE DIMENSIONS



**HUB HEIGHT**  
512 ft (156 m)

**BLADE TIP HEIGHT**  
906 ft (276 m)

**ROTOR DIAMETER**  
788 ft (240 m)

**OCEAN WIND**

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