

CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

VIEWPOINT Playground Pier, Atlantic City

VISUALIZATIONS

VISUALIZATIONS INCLUDED	
3A	Northeast view: only Ocean Wind 1
3B	Northeast view: all visible projects
3C	Northeast view: all visible projects except Ocean Wind 1
4A	Southeast view: only Ocean Wind 1
4B	Southeast view: all visible projects
4C	Southeast view: all visible projects except Ocean Wind 1

CUMULATIVE PROJECT INFORMATION

OFFSHORE WIND PROJECT	THEORETICALLY VISIBLE FROM VIEWPOINT*	DISTANCE TO NEAREST WTG (mi)	DISTANCE TO FARTHEST WTG (mi)	NUMBER OF THEORETICALLY VISIBLE TURBINES	HORIZONTAL FIELD OF VIEW
New York Bight WEA	No	42.3	78.0	0	0°
Atlantic Shores North	Yes	17.4	34.5	82	25°
Atlantic Shores South	Yes	11.2	26.6	202	43°
Ocean Wind 1	Yes	15.2	24.7	99	41°
Ocean Wind 2	Yes	15.8	30.7	88	30.6°
Ocean Wind X	Yes	9.0	15.2	33	46.8°
Garden State	No	43.8	53.9	0	0°
Skip Jack	No	52.4	59.8	0	0°
US Wind	No	64.2	77.2	0	0°

*A distance of 40-miles from each viewpoint has been used to define the limits of theoretical visibility. This 40-mile distance aligns with the visual study area used in the Ocean Wind Visual Impact Assessment. For an observation elevation of 25 feet (typical of views from the boardwalks on the coast of New Jersey), the limit of Ocean Wind turbine hub visibility would be 37.3 miles due to earth curvature. While the blade tips are located above the horizon beyond this range, they are unlikely to be detected by observers at these distances due to the limits of visual acuity.

WIND DIRECTION

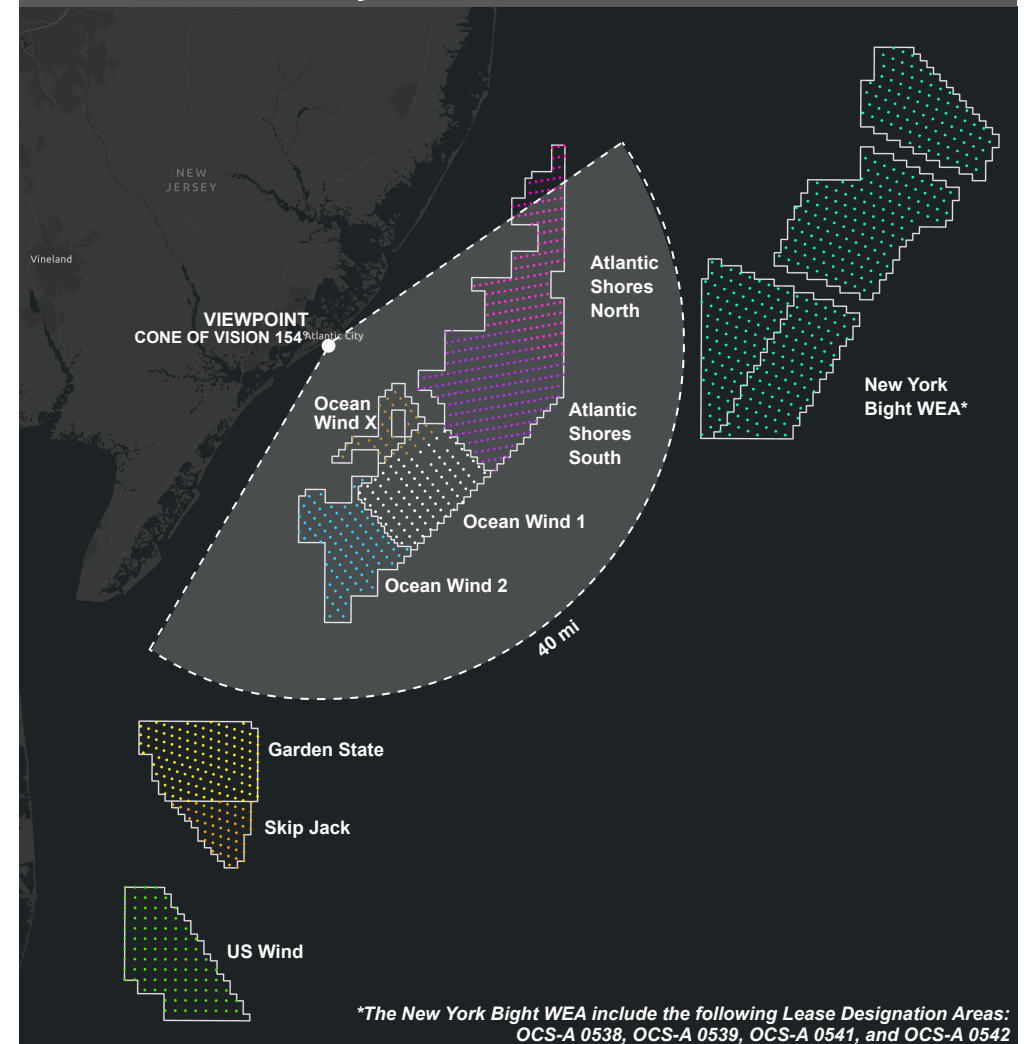
NORTHWEST

Turbine rotors and blades are modeled in all projects to face northwest to approximate the most visually impacting scenario.

VIEWPOINT INFORMATION

LOCATION		PHOTO		ENVIRONMENTAL	
VIA KOP #	V14	Camera	NIKON D750	Temperature	79°
Date / Time	09/19/2018 / 12:28pm	Resolution	300 dpi	Humidity	77%
Latitude / Longitude	39.35259 / -74.43357	Focal Length	50 mm	Wind Speed	7 mph
Direction of View	Northeast to Southeast	Viewer Eye Elevation	24.33 ft	Weather Conditions	Broken Clouds

CUMULATIVE PROJECT MAP



COMPLETE PANORAMIC VIEW



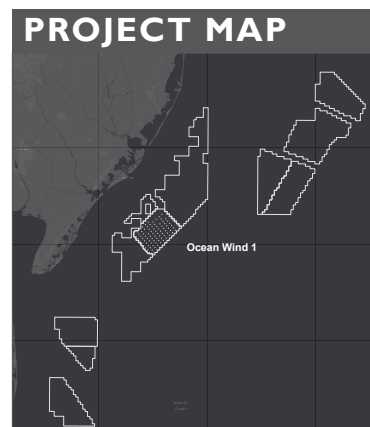
Panoramic Field of View: 154° (based on Nikon D750 camera lens, where a Normal Photo is 39.6°)

CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

3A: Northeast view showing only Ocean Wind I Playground Pier, Atlantic City



Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
Turbine rotors and blades are modeled in all projects to face northwest to approximate the most visually impacting scenario.



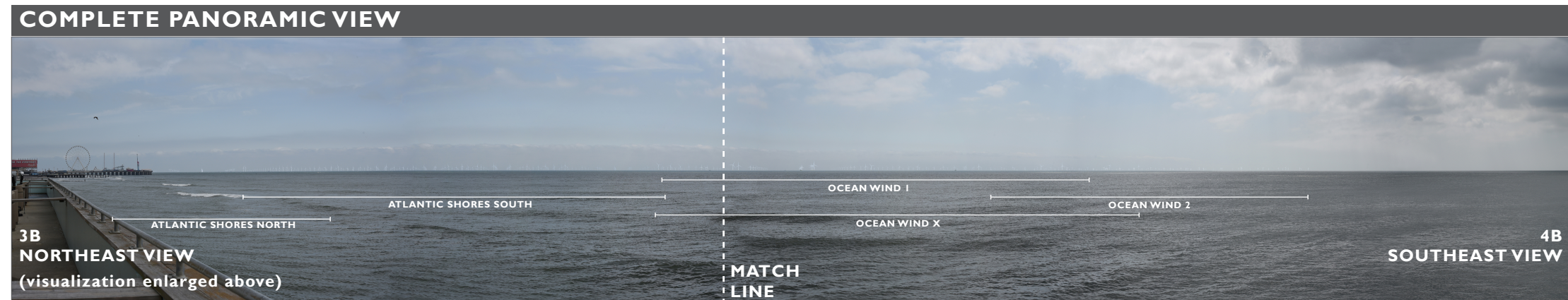
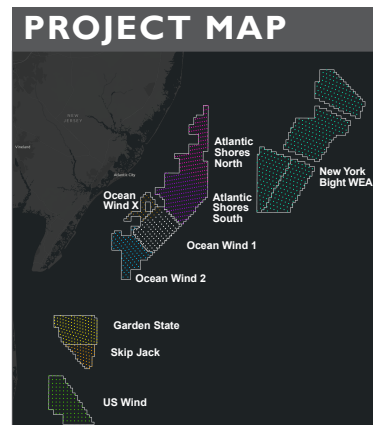
CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

3B: Northeast view showing all visible projects Playground Pier, Atlantic City



MATCH LINE

Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
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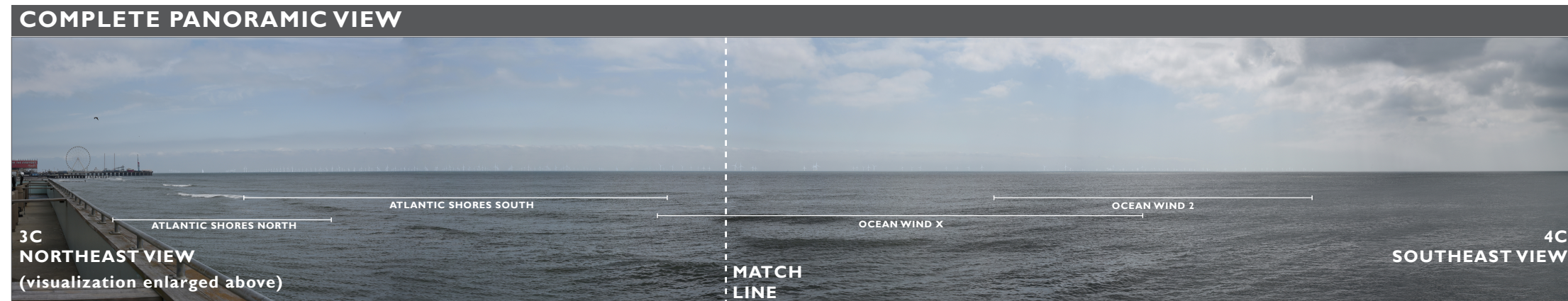
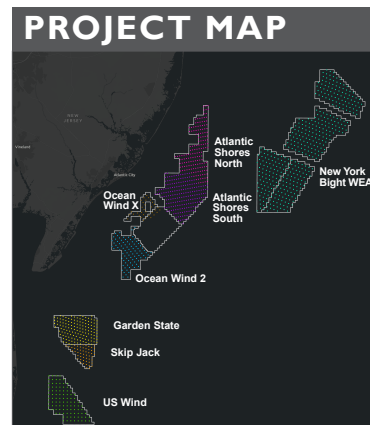


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

3C: Northeast view showing all projects except Ocean Wind I Playground Pier, Atlantic City



Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
 Turbine rotors and blades are modeled in all projects to face northwest to approximate the most visually impacting scenario.

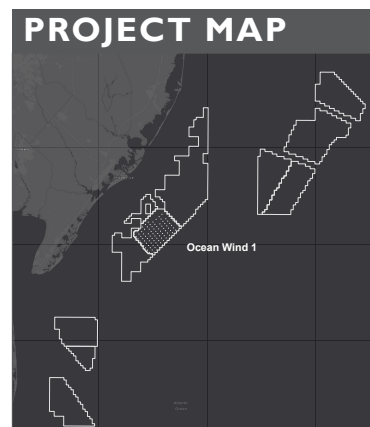


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

4A: Southeast view showing only Ocean Wind I Playground Pier, Atlantic City



Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
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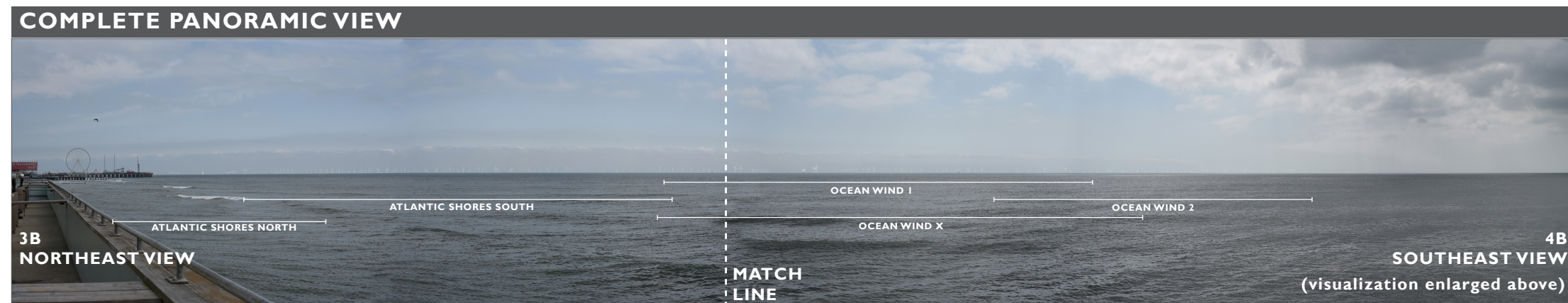
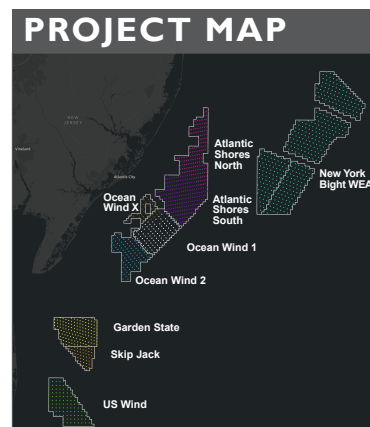


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

4B: Southeast view showing all visible projects Playground Pier, Atlantic City



Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
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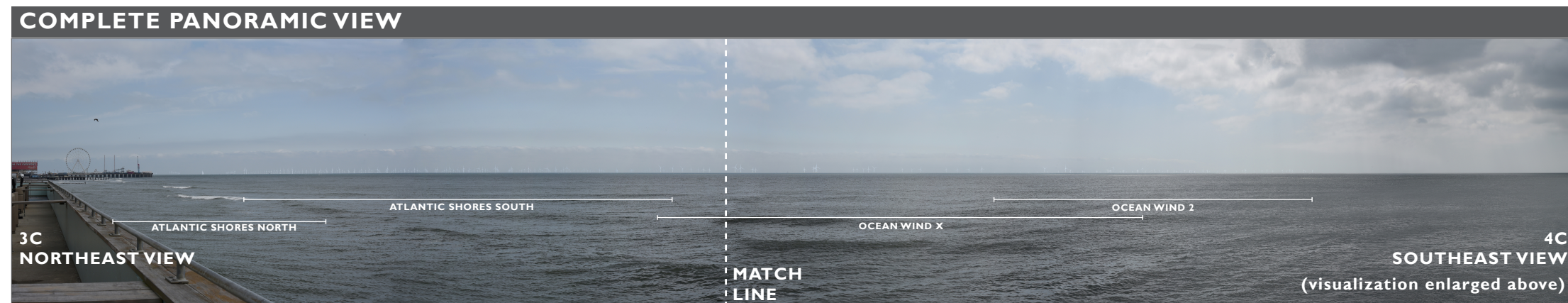
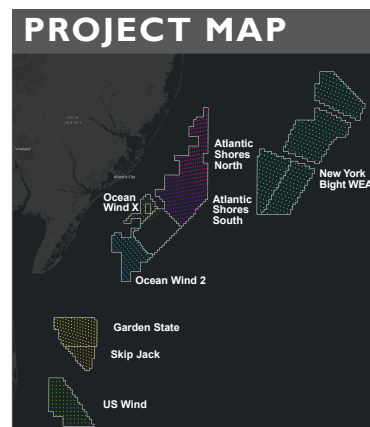


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

4C: Southeast view showing all projects except Ocean Wind I Playground Pier, Atlantic City



Panoramic Field of View: 76°



Panoramic Field of View: 154°

WIND DIRECTION
NORTHWEST
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