

CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

VIEWPOINT

Corson's Inlet State Park, Ocean City

VISUALIZATIONS

VISUALIZATIONS INCLUDED	
5A	Northeast view: only Ocean Wind 1
5B	Northeast view: all visible projects
5C	Northeast view: all visible projects except Ocean Wind 1
6A	Southeast view: only Ocean Wind 1
6B	Southeast view: all visible projects
6C	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	53.3	91.7	0	0°
Atlantic Shores North	Yes	31.3	49.2	101	25°
Atlantic Shores South	Yes	21.6	38.2	202	43°
Ocean Wind 1	Yes	16.2	29.1	99	34°
Ocean Wind 2	Yes	11.7	24.6	88	40.8°
Ocean Wind X	Yes	13.0	22.6	33	26.5°
Garden State	Yes	33.0	42.1	112	22°
Skip Jack	No	41.9	49.3	0	0°
US Wind	No	52.2	65.8	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.

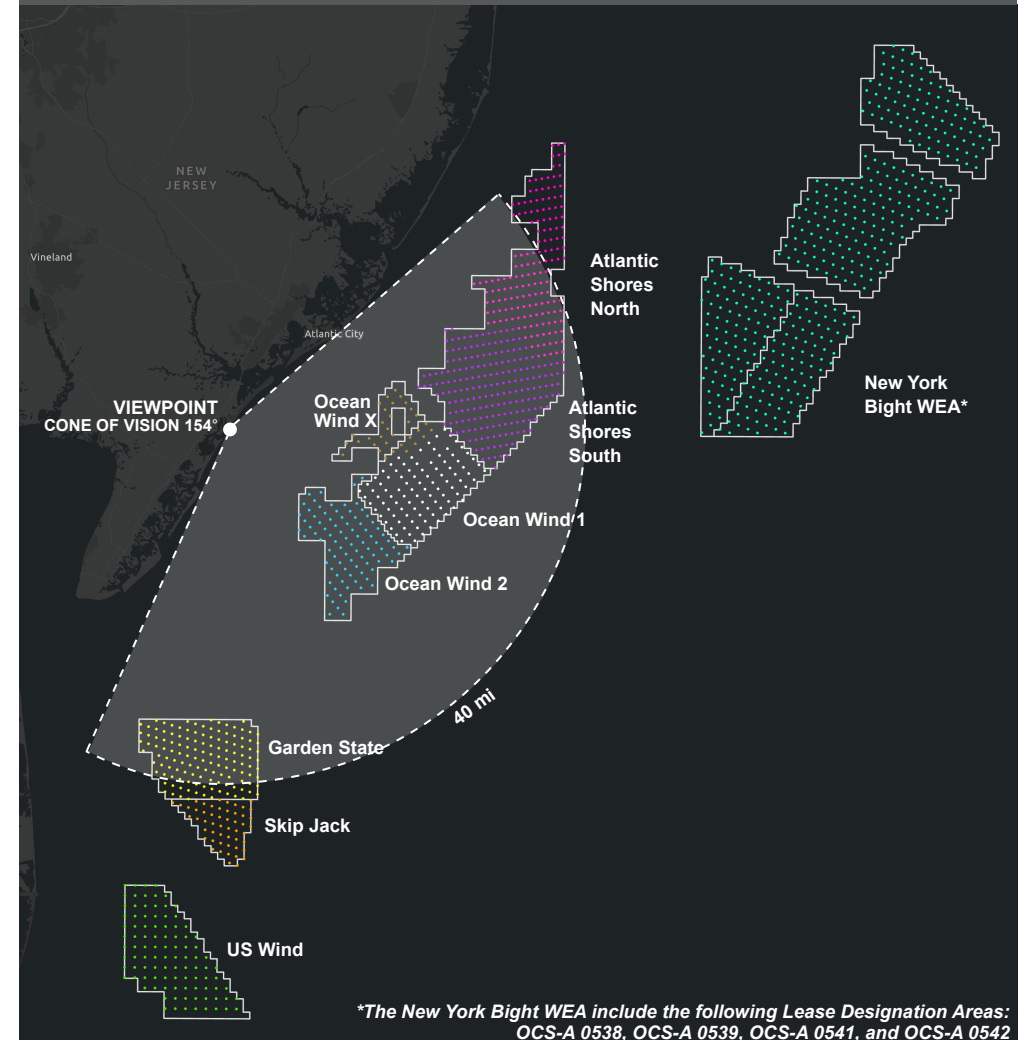
WIND DIRECTION

SOUTHWEST
Turbine rotors and blades are modeled in all projects to face southwest in accordance with prevailing winds.

VIEWPOINT INFORMATION

LOCATION		PHOTO		ENVIRONMENTAL	
VIA KOP #	V19	Camera	NIKON D750	Temperature	90°
Date / Time	08/15/2018 / 4:55pm	Resolution	300 dpi	Humidity	45%
Latitude / Longitude	39.213474° / -74.642627°	Focal Length	50 mm	Wind Speed	12 mph
Direction of View	Northeast to Southeast	Viewer Eye Elevation	15 ft	Weather Conditions	Sunny

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

5A: Northeast view showing only Ocean Wind I Corson's Inlet State Park, Ocean City



Panoramic Field of View: 80°



Panoramic Field of View: 154°

WIND DIRECTION

SOUTHWEST

Turbine rotors and blades are modeled in all projects to face southwest in accordance with prevailing winds.

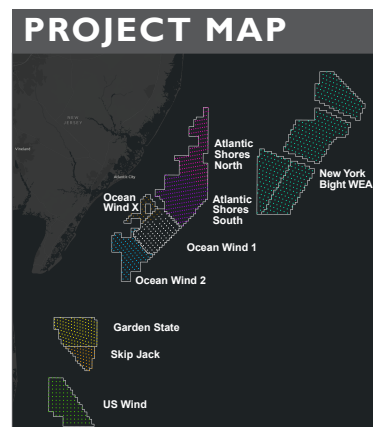


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

5B: Northeast view showing all visible projects Corson's Inlet State Park, Ocean City



Panoramic Field of View: 80°



Panoramic Field of View: 154°

WIND DIRECTION
SOUTHWEST
Turbine rotors and blades are modeled in all projects to face southwest in accordance with prevailing winds.

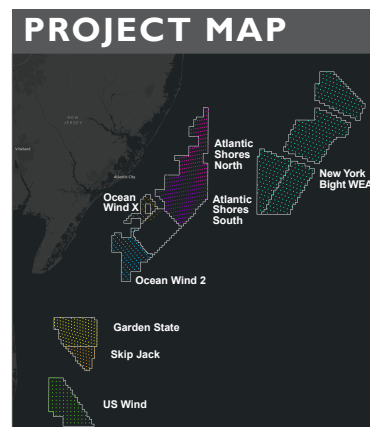


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

5C: Northeast view showing all projects except Ocean Wind I Corson's Inlet State Park, Ocean City



Panoramic Field of View: 80°



Panoramic Field of View: 154°

WIND DIRECTION

SOUTHWEST

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CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

6A: Southeast view showing only Ocean Wind I Corson's Inlet State Park, Ocean City



Panoramic Field of View: 80°
Ocean Wind 1 not in view



Panoramic Field of View: 154°

WIND DIRECTION
SOUTHWEST
Turbine rotors and blades are modeled in all projects to face southwest in accordance with prevailing winds.

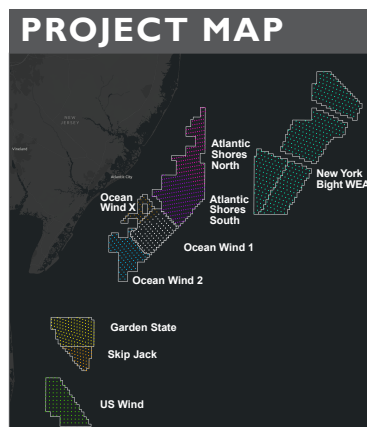


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

6B: Southeast view showing all visible projects Corson's Inlet State Park



Panoramic Field of View: 80°
Ocean Wind 1 not in view



Panoramic Field of View: 154°

WIND DIRECTION
SOUTHWEST
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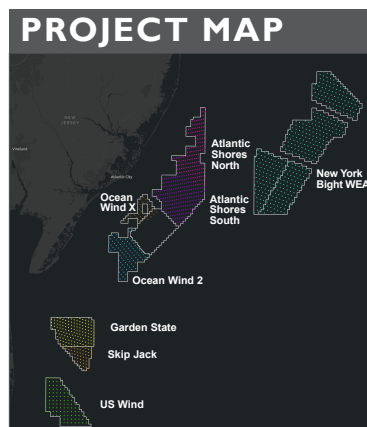


CUMULATIVE EFFECTS ANALYSIS FOR OCEAN WIND I

6C: Southeast view showing all projects except Ocean Wind I Corson's Inlet State Park



Panoramic Field of View: 80°
Ocean Wind 1 not in view



Panoramic Field of View: 154°

WIND DIRECTION
SOUTHWEST
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