

Base Photographic Documentation

Date (MM/DD/YYYY):	1/26/2023
Time (24hr):	11:36
GPS Longitude:	-74.04981478
GPS Latitude:	40.03669028
Viewpoint Elevation (ft):	13.58
Camera Height (ft):	5.41
Camera Heading (°):	114
Camera Direction:	ESE

Camera Information

Camera Make & Model:	Canon EOS 5DS R
Camera Sensor Size:	36mm x 24mm
Lens Make & Model:	Sigma F1.4 DG HSM A017
Lens Focal Length:	20mm
Field of View:	65.47° (H) / 46.397° (V)

Sun And Weather Information

Sun Azimuth:	168.24
Sun Elevation:	30.49
Lighting Angle (On Turbines):	Top-Right Lit
Weather Conditions:	Cloudy
Maximum Visibility (NM):	23.21
Temperature (°F):	43
Temperature (°C):	6.11
Humidity (%):	53

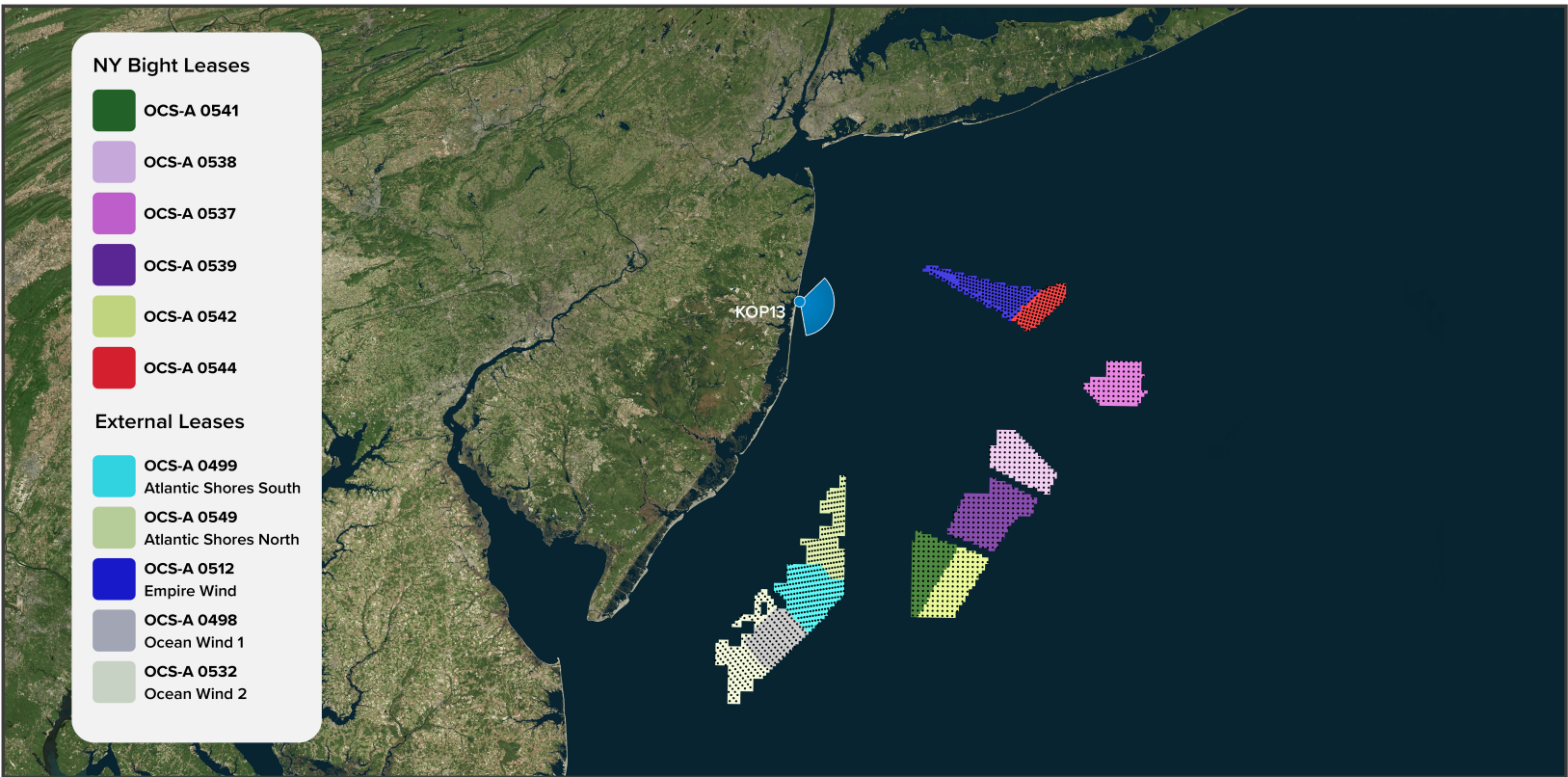
Viewing Instructions

11 x 17 inch Printed Display:	Distance is 19.7 inches (500mm)
On-Screen Display:	Distance is 19.7 inches (500mm)

Image Preview



Context Map



NY Bight Turbine Information - 1312ft (399.9m)

Lease Area	Distance to Nearest Turbine in Miles (km)	Turbines Visible		
		Blade Tip	Hub	Mid Tower
Total	-	275	0	0
OCS-A 0544	46.79 (75.31)	21	0	0
OCS-A 0537	61.63 (99.18)	0	0	0
OCS-A 0538	44.08 (70.93)	103	0	0
OCS-A 0539	44.99 (72.41)	102	0	0
OCS-A 0541	44.65 (71.86)	49	0	0
OCS-A 0542	53.31 (85.79)	0	0	0

Blade tip counts are a summation of only blade tips visible, only hubs visible, and mid-towers visible. Hub counts are a summation of only hubs visible and mid towers visible.

Turbine Visibility	Turbine Visibility & Percentage
Amount of Nearest Turbine Hidden in ft (m)	1000.9 (305.1)
Percent of Nearest Turbine Hidden (%)	76.3%
Amount of Nearest Turbine Visible in ft (m)	311.2 (94.8)
Percent of Nearest Turbine Visible (%)	23.7%

NY Bight Turbine Specifications

Turbine Components	Measurements ft (m)
Rotor Diameter in ft (m)	1212 (369.4)
Total Height to Tip of Blade in ft (m)	1312 (399.9)
Hub Height in ft (m)	706 (215.2)
Support Structure Height in ft (m)	25 (7.6)
Service Platform in ft (m)	100 (30.5) × 200 (61.0) Steel Platform above MWS
Total Number of Turbines	1481

NY Bight Turbine Information - 853ft (260m)
No Simulation

Lease Area	Distance to Nearest Turbine in Miles (km)	Turbines Visible		
		Blade Tip	Hub	Mid Tower
Total	-	0	0	0
OCS-A 0544	46.79 (75.31)	0	0	0
OCS-A 0537	61.63 (99.18)	0	0	0
OCS-A 0538	44.08 (70.93)	0	0	0
OCS-A 0539	44.99 (72.41)	0	0	0
OCS-A 0541	44.65 (71.86)	0	0	0
OCS-A 0542	53.31 (85.79)	0	0	0

Blade tip counts are a summation of only blade tips visible, only hubs visible, and mid-towers visible. Hub counts are a summation of only hubs visible and mid towers visible.

Turbine Visibility	Turbine Visibility & Percentage
Amount of Nearest Turbine Hidden in ft (m)	853 (260)
Percent of Nearest Turbine Hidden (%)	100%
Amount of Nearest Turbine Visible in ft (m)	0.0 (0.0)
Percent of Nearest Turbine Visible (%)	0.0%

NY Bight Turbine Specifications

Turbine Components	Measurements ft (m)
Rotor Diameter in ft (m)	722 (220.1)
Total Height to Tip of Blade in ft (m)	853 (260)
Hub Height in ft (m)	361 (110)
Support Structure Height in ft (m)	25 (7.6)
Service Platform in ft (m)	100 (30.5) × 200 (61.0) Steel Platform above MWS
Total Number of Turbines	1481

External Turbine Information
No Simulation

Lease Area	Distance to Nearest Turbine in Miles (km)	Turbines Visible		
		Blade Tip	Hub	Mid Tower
Total	-	202	43	N/A
OCS-A 0499	N/A	0	0	N/A
OCS-A 0549	25.8 (41.5)	128	43	N/A
OCS-A 0512	34.1 (54.9)	74	0	N/A
OCS-A 0498	N/A	0	0	N/A
OCS-A 0532	N/A	0	0	N/A

Cumulative Turbine Visibility
(Total WTG Count for NY Bight + External Leases)

1312ft (399.9m)			853ft (260m) - No Simulation		
Blade Tip	Hub	Mid Tower	Blade Tip	Hub	Mid Tower
477	43	0	202	43	0

The cumulative mid tower counts for both turbine heights are conservative values due to having no mid tower data for the external leases.

External Turbine Specifications

Lease Area	Rotor Diameter in ft (m)	Total Height to Tip of Blade in ft (m)	Hub Height in ft (m)	Support Structure Height in ft (m)
OCS-A 0499	918.6 (279.9)	1049 (319.7)	577 (176)	25 (7.6)
OCS-A 0549	918.6 (279.9)	1049 (319.7)	577 (176)	25 (7.6)
OCS-A 0512	853 (259.9)	951 (290)	525 (160)	25 (7.6)
OCS-A 0498	788 (240.1)	906 (276)	512 (156)	25 (7.6)
OCS-A 0532	788 (240.1)	906 (276)	512 (156)	25 (7.6)



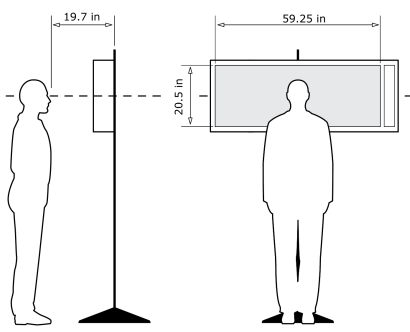
KOP 13, Mantoloking, Noon, Heading 114° - Existing View

For on-screen display:
Scale bar to be 4 inches wide
Viewing distance 19.7 inches



Latitude: 40.03669028
Longitude: -74.04981478
Elevation of Viewpoint Position: 13.58
Height of Camera Above Ground: 5.41
Date of Photography: 1/26/2023 at 11:36
Horizontal Field of View: 124°
Vertical Field of View: 55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



NOTES:

Viewpoint locations have been precision surveyed by
New York City Land Surveyors PC
63 Montgomery Avenue
Staten Island NY 10301

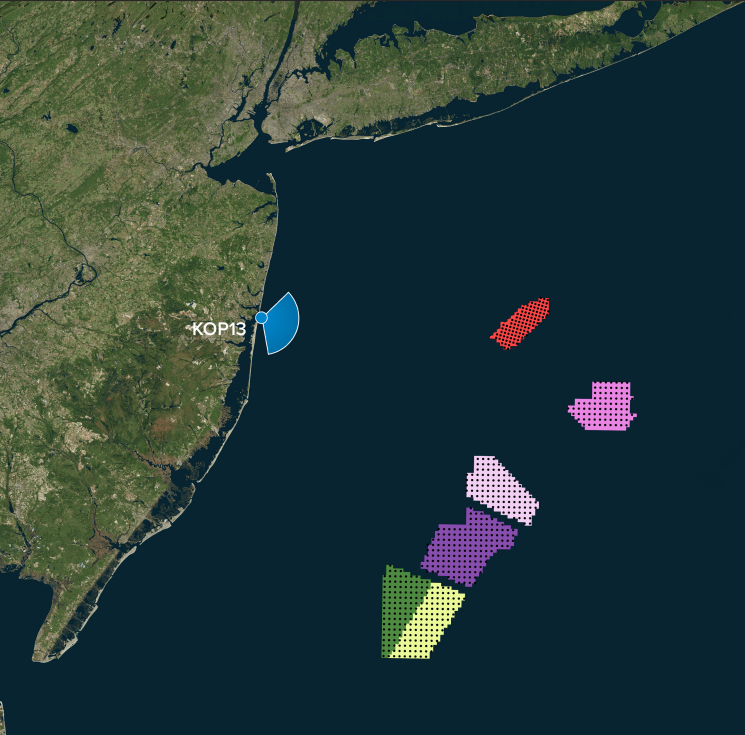
Heights are above mean sea level.
Structure design and placement are subject to final engineering.
No part of this photo simulation shall be altered in any way.

Photo Simulation Created Using
TrueView™ Technology
(Patent No.: US 6,184,906 B2)
Provided by



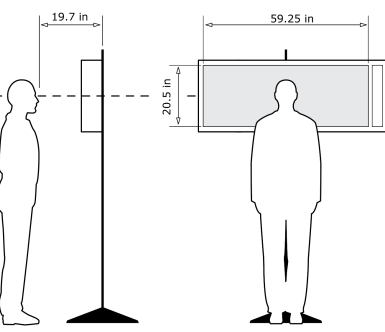
KOP 13, Mantoloking, Noon, Heading 114° - **Proposed View - NY Bight Leases (1312ft) - Predicted Visibility**

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Nearest Turbine: 44.1mi (71.0km) (OCS-A 0538)
Furthest Visible Turbine: 49.7mi (80.0km) (OCS-A 0538)
Horizontal Field of View the Projects Occupy: 80.5°

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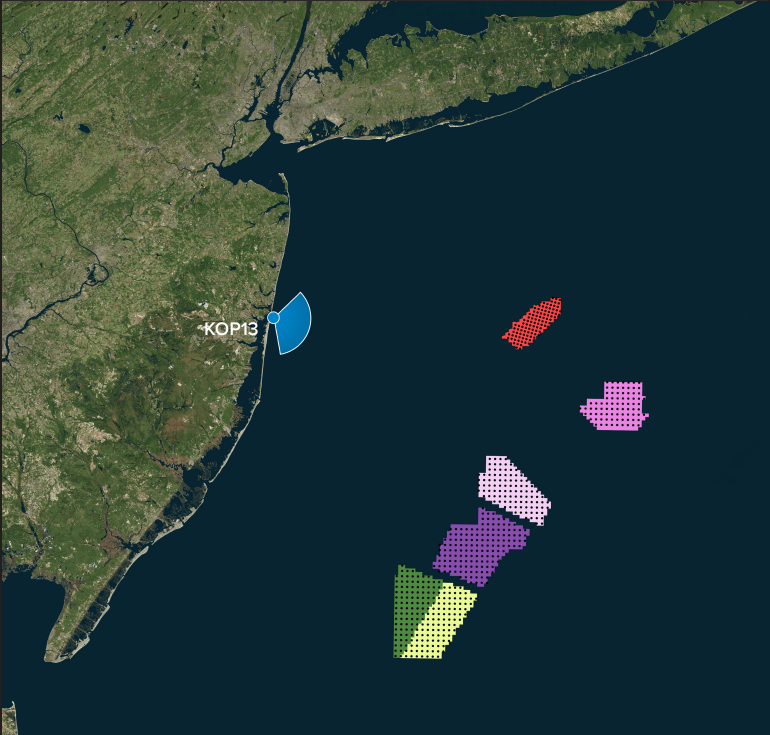
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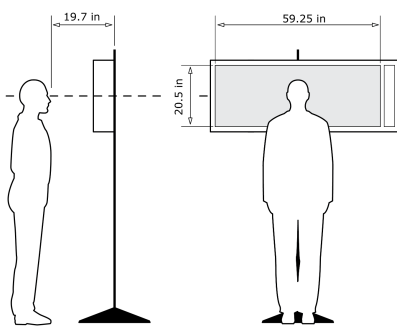
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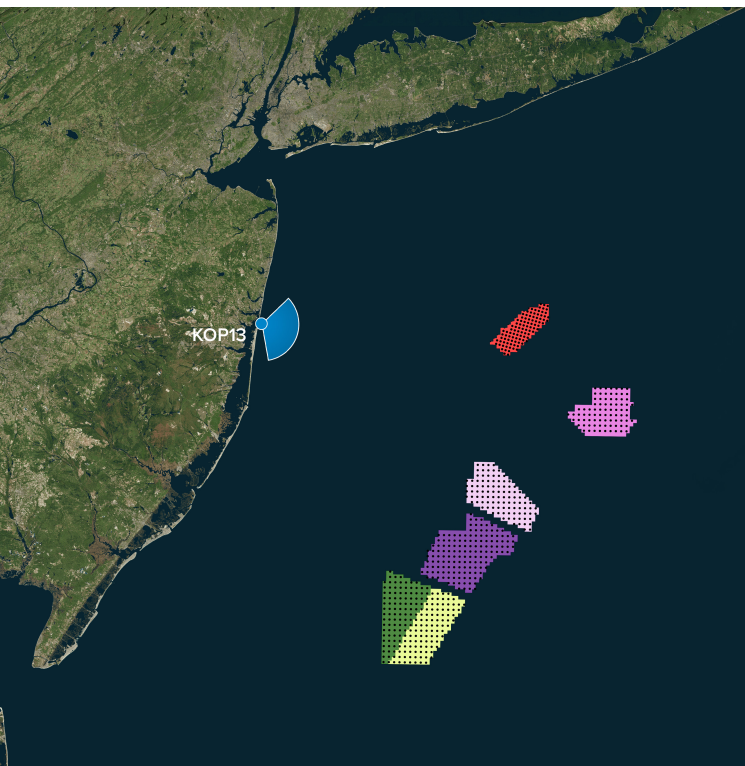


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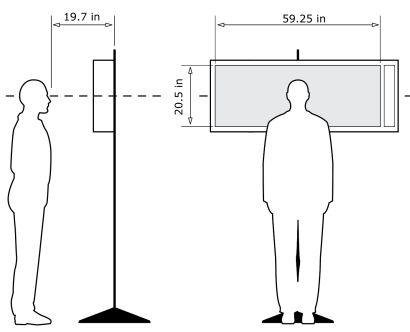
KOP 13, Mantoloking, Noon, Heading 114° - **Proposed View - NY Bight Leases (1312ft) - Maximum Visibility**

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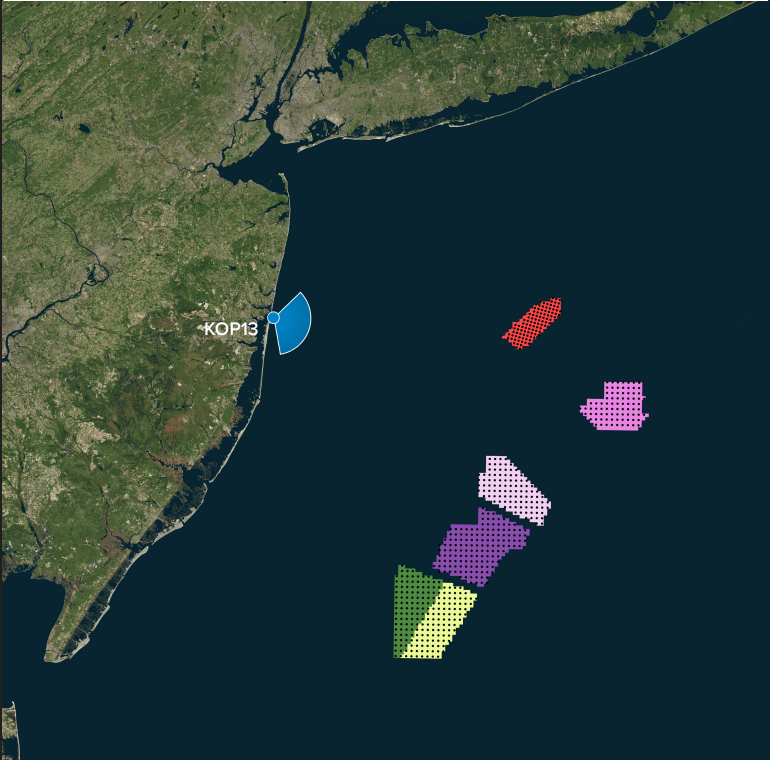
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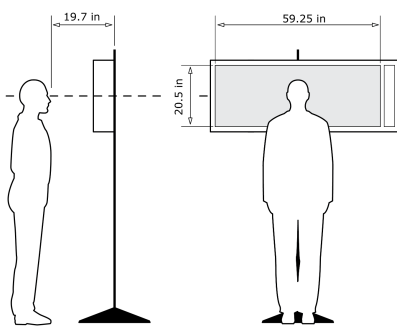
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