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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

**Existing Conditions** 

Area of Statewide Significance

Temperature: 71°F Humidity: 68% Visibility: >10 miles Wind Speed: 7 mph Conditions Observed: Fair

Environmental Data Date Taken: 9/11/2017

**Camera Information** Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL

**Visual Resources** Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers, Fishing Community Aesthetic Resource: Montauk Point State Park, National Register Historic Site, Scenic

County: Suffolk

State: New York

Town: East Hampton

Location: Long Island

Field of View: 124° x 55°

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective. The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum
- structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography. Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used

**Key Observation Point Information** 

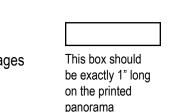
Latitude, Longitude: 41.07208° N, 71.85901° W

**Direction of View (Center):** East (87.3°)

- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of • The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric
- perspective commonly occurring on clear days such as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed WTG, this degree of atmospheric perspective is not applied to the photosimulations.
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

**Key Observation Point Context** Bishop and Clerks Key Observation Point Cone of View Great Round Shoal Channel Nantucket Island 52







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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

Visual Simulation: 2023 Project Construction (South Fork Wind and **Vineyard Wind North)** 

Environmental Data Date Taken: 9/11/2017 Temperature: 71°F

Humidity: 68%
Visibility: >10 miles Wind Speed: 7 mph Conditions Observed: Fair

**Camera Information** Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL

**Key Observation Point Information** County: Suffolk Town: East Hampton State: New York

Location: Long Island Latitude, Longitude: 41.07208° N, 71.85901° W **Direction of View (Center):** East (87.3°) Field of View: 124° x 55°

**Visual Resources** 

Landscape Similarity Zone: Maintained Recreation Area

User Group: Local Resident, Tourist/Vacationers, Fishing Community Aesthetic Resource: Montauk Point State Park, National Register Historic Site, Scenic Area of Statewide Significance

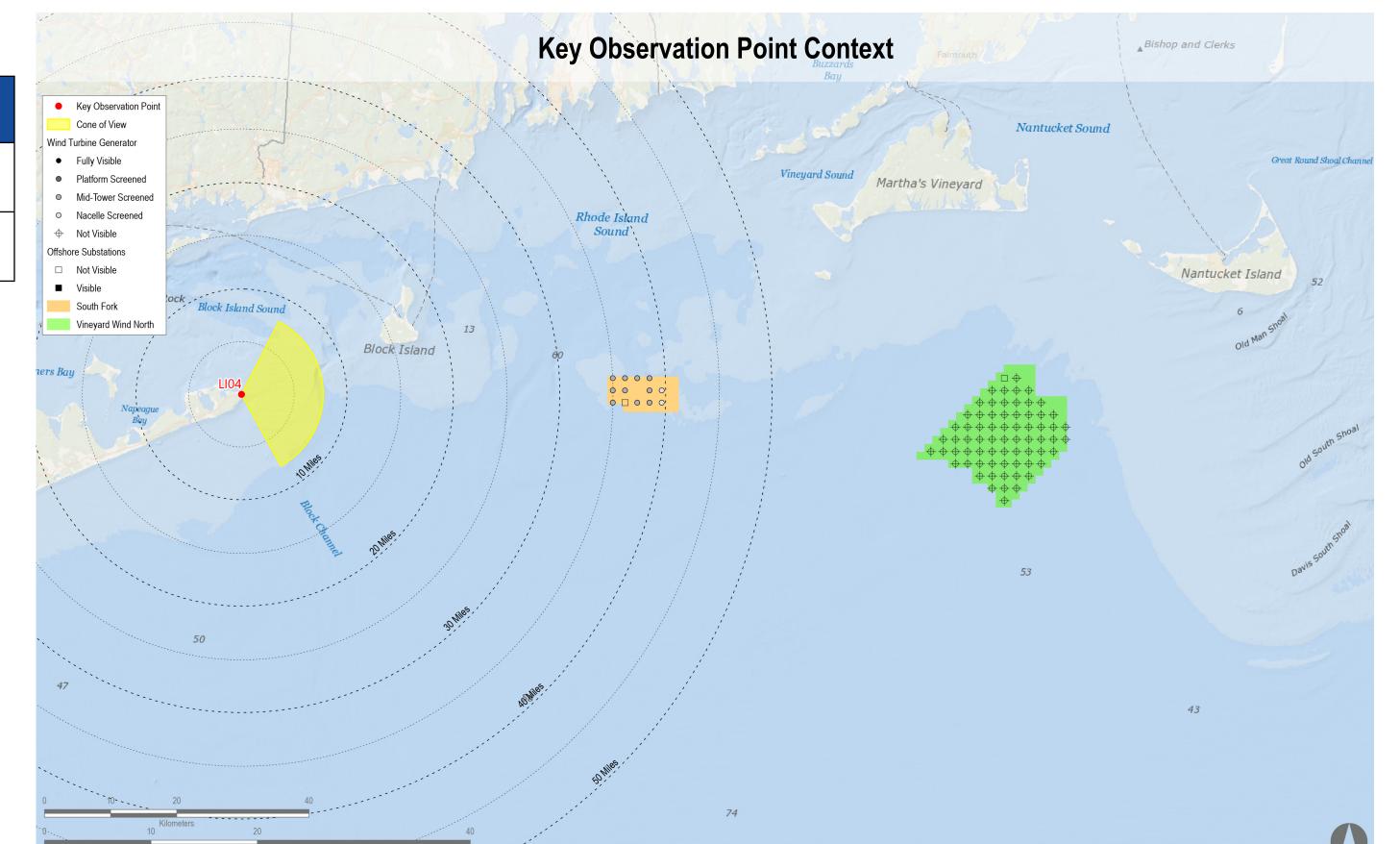
### • Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.

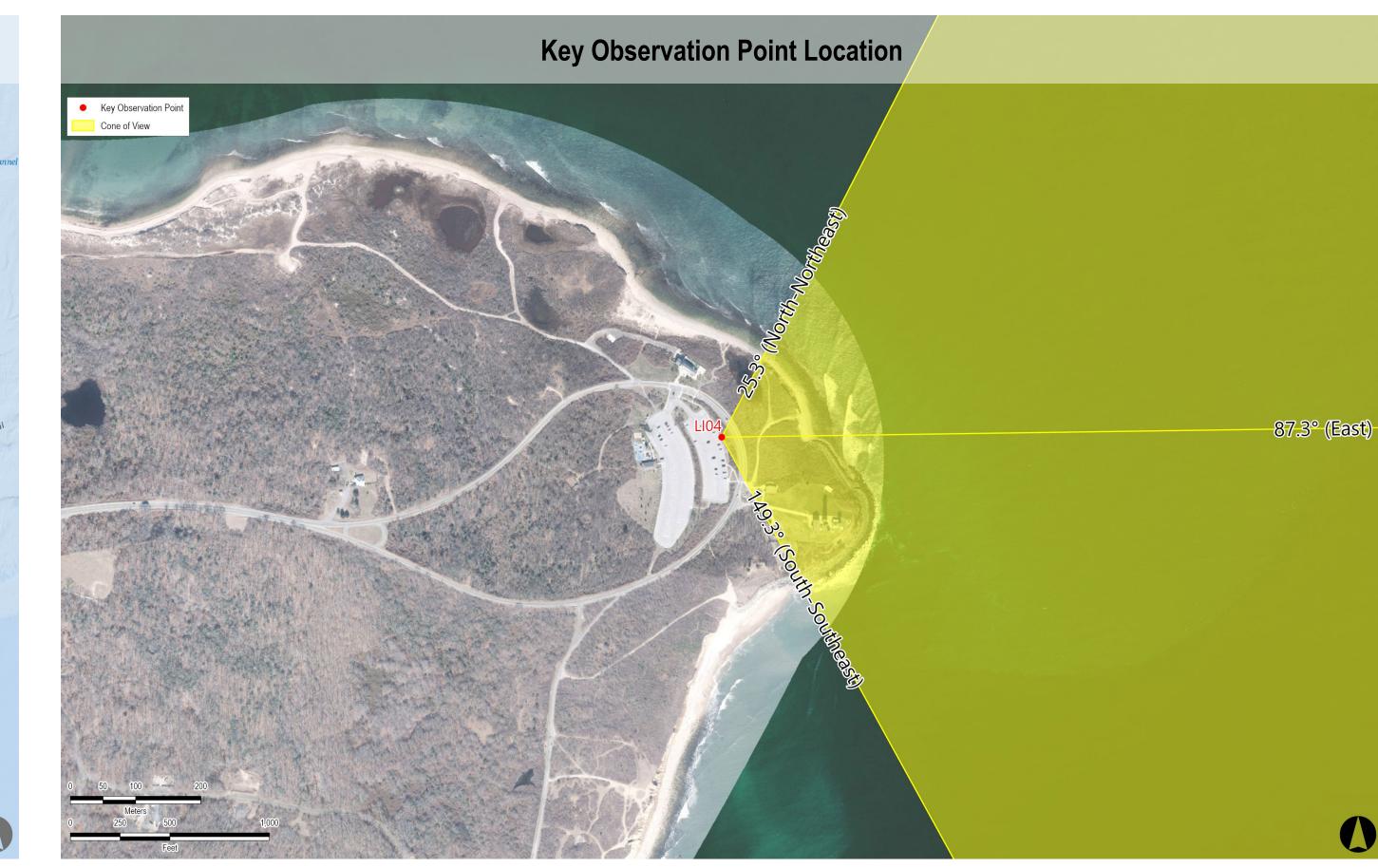
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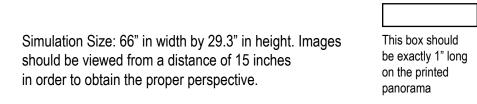
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WTG, this degree of atmospheric perspective is not applied to the photosimulations. Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

easonably Foreseeable Projects Represented in Visual Simulation									
Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)			
outh Fork Wind Farm	2023	12 MW	12	13	34.8	39.4			
Vineyard Wind North	2023	14 MW	0	69	NA	NA			









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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

Visual Simulation: 2023 Project Construction with Revolution Construction added (Revolution Wind, South Fork Wind, and Vineyard Wind North)

Environmental Data Date Taken: 9/11/2017 Temperature: 71°F Humidity: 68% Visibility: >10 miles

Wind Speed: 7 mph

Conditions Observed: Fair

**Camera Information** Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL **Key Observation Point Information** 

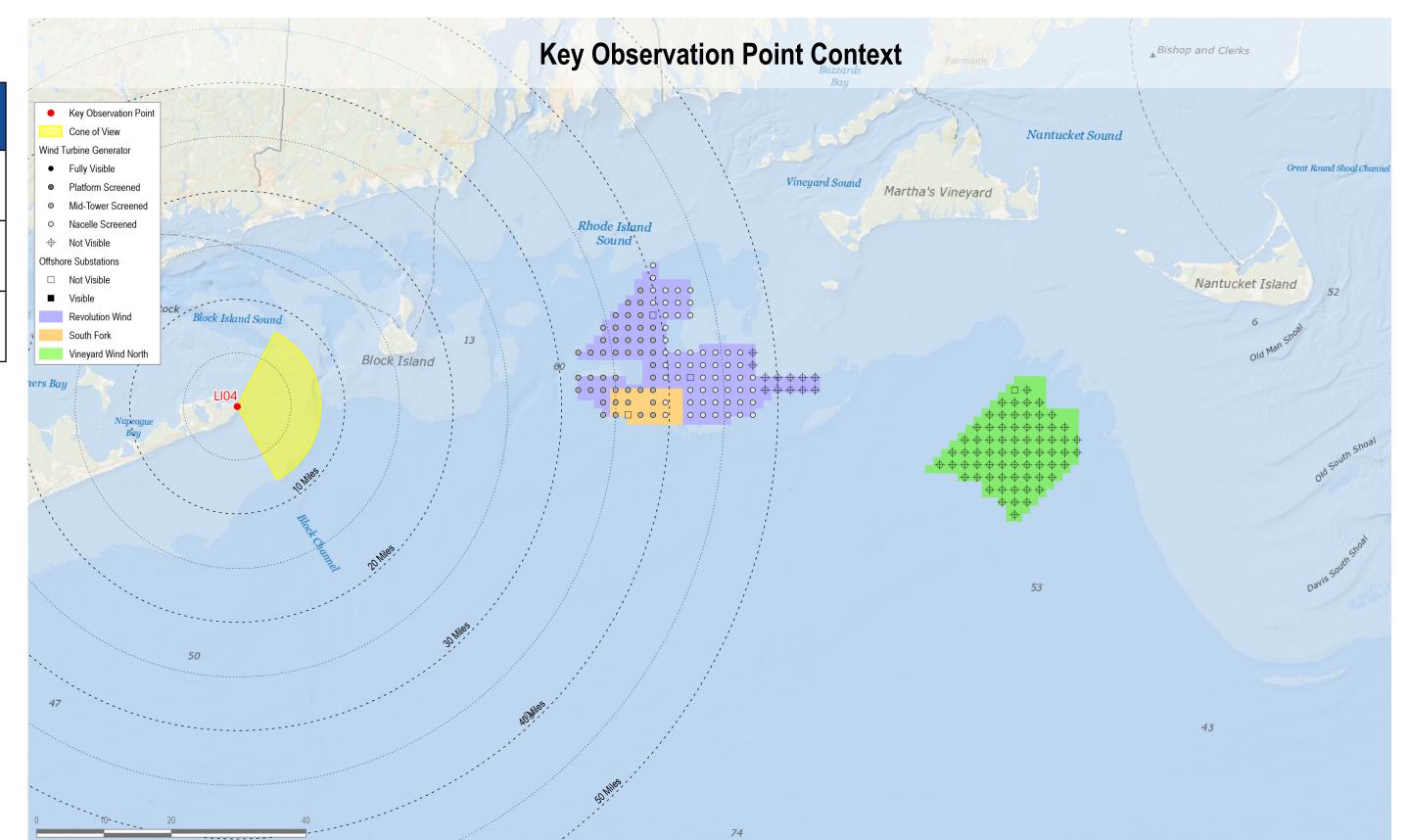
County: Suffolk Town: East Hampton State: New York Location: Long Island Latitude, Longitude: 41.07208° N, 71.85901° W **Direction of View (Center):** East (87.3°) Field of View: 124° x 55°

Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers, Fishing Community Aesthetic Resource: Montauk Point State Park, National Register Historic Site, Scenic Area of Statewide Significance

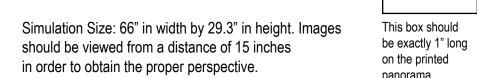
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- WTG, this degree of atmospheric perspective is not applied to the photosimulations. Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)	
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Revolution Wind	2023	12 MW	88	102	31.4	47.5	









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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

Visual Simulation: Full Lease Build-out Including Revolution Wind

**Environmental Data** 

Conditions Observed: Fair

Humidity: 68%
Visibility: >10 miles Wind Speed: 7 mph

**Camera Information** Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL

three-dimensional (3D) model of the island.

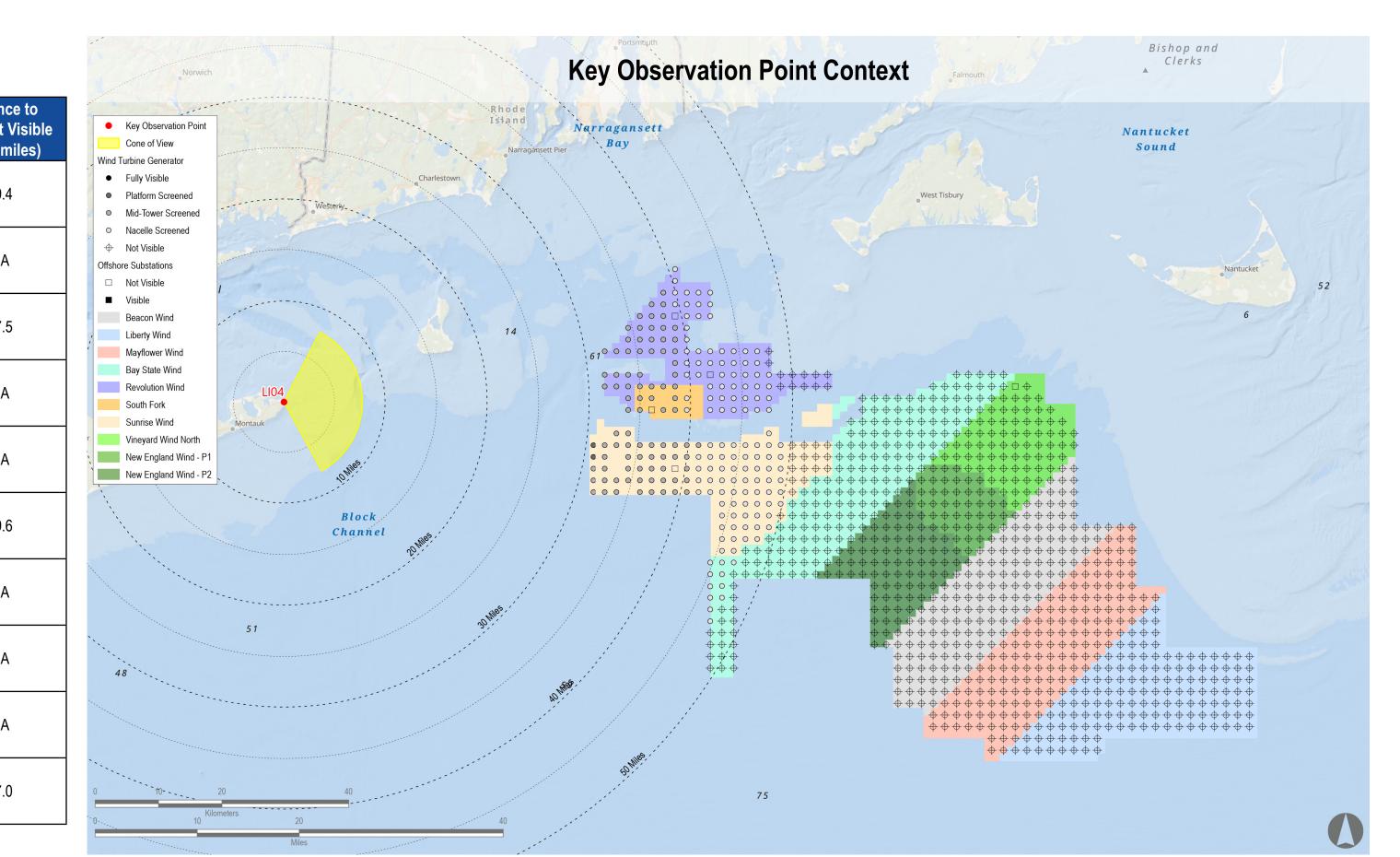
**Key Observation Point Information** 

County: Suffolk Town: East Hampton State: New York Location: Long Island Latitude, Longitude: 41.07208° N, 71.85901° W **Direction of View (Center):** East (87.3°) Field of View: 124° x 55°

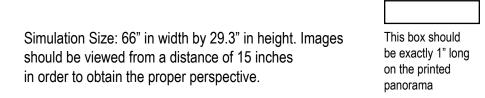
**Visual Resources** Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers, Fishing Community Aesthetic Resource: Montauk Point State Park, National Register Historic Site, Scenic Area of Statewide Significance

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South Fork Wind Farm	2023	12 MW	12	13	34.8	39.4
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	88	102	31.4	47.5
New England Wind Phase 1	2024	16 MW	0	41	NA	NA
New England Wind Phase 2	2024	19 MW	0	79	NA	NA
Sunrise Wind	2024	15 MW	106	123	30.5	49.6
Mayflower Wind	2024	12 MW	0	149	NA	NA
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
Beacon Wind	2025-2030	12 MW	0	157	NA	NA
Bay State Wind	2025-2030	12 MW	11	185	44.6	47.0









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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

Visual Simulation: Full Lease Build-out Excluding Revolution Wind

**Environmental Data** 

Humidity: 68%
Visibility: >10 miles Wind Speed: 7 mph Conditions Observed: Fair

**Camera Information** Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL

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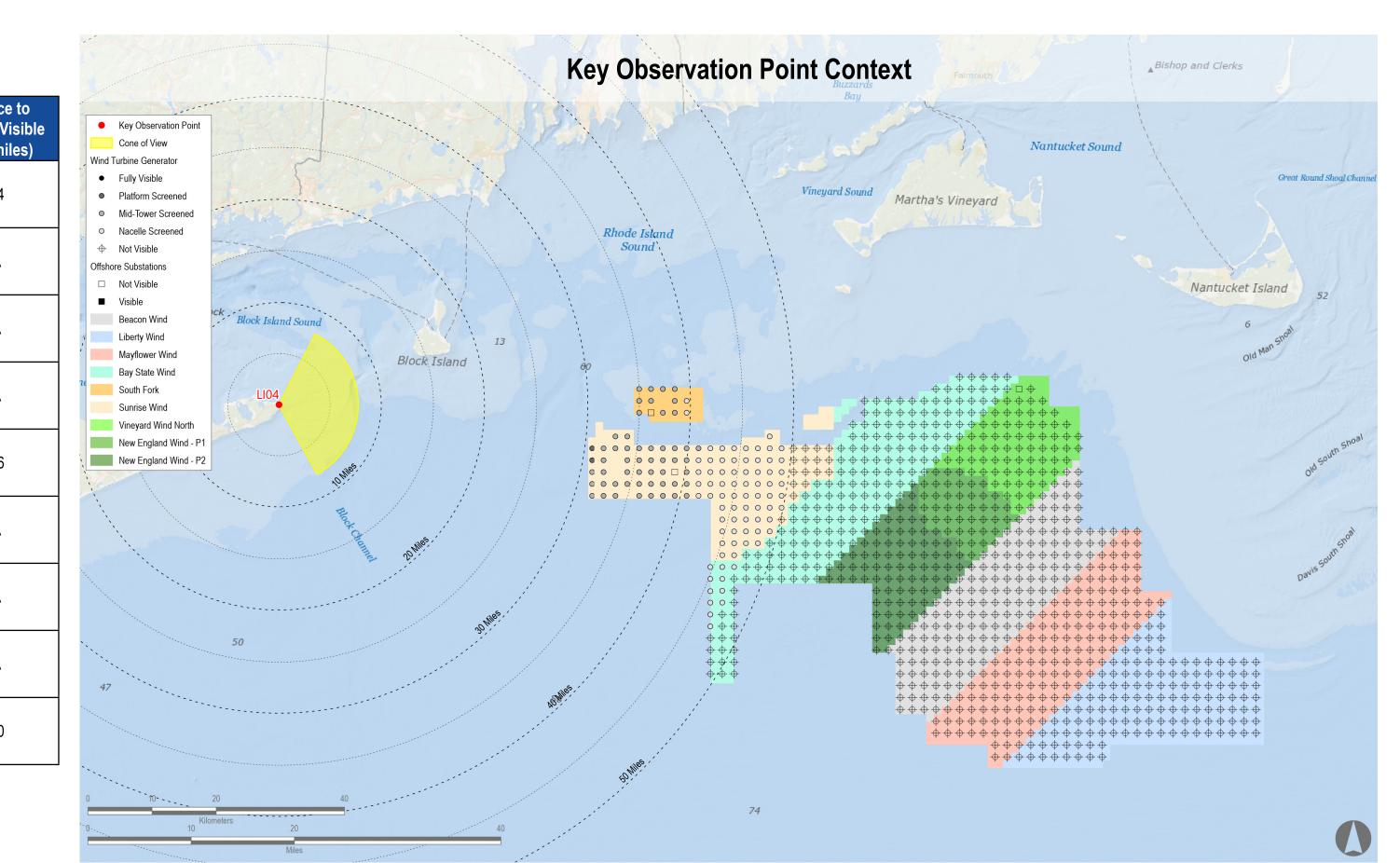
**Key Observation Point Information** 

County: Suffolk Town: East Hampton State: New York Location: Long Island Latitude, Longitude: 41.07208° N, 71.85901° W **Direction of View (Center):** East (87.3°) Field of View: 124° x 55°

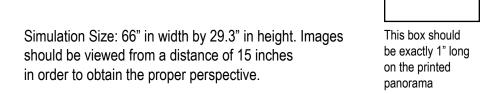
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Sunrise Wind	2024	15 MW	106	123	30.5	49.6
Mayflower Wind	2024	12 MW	0	149	NA	NA
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
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Bay State Wind	2025-2030	12 MW	11	185	44.6	47.0









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**Appendix A: Revolution Wind Cumulative Visual Simulations** 

LI04: Montauk Point State Park, East Hampton, New York

Visual Simulation: Revolution Wind Without Other Foreseeable Future Changes

**Environmental Data** Temperature: 71°F Humidity: 68%
Visibility: >10 miles

Wind Speed: 7 mph Conditions Observed: Fair **Camera Information** 

Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 48.0 feet AMSL

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Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*		Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
Revolution Wind	2023	12 MW	88	102	31.4	47.5

