Revolution Wind

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Appendix A: Revolution Wind Cumulative Visual Simulations

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

Existing Conditions

Simulation Size: 66" in width by 29.3" in height. Images This box should should be viewed from a distance of 15 inches in order to obtain the proper perspective.



Environmental Data Date Taken: 9/11/2017 Temperature: 57°F

Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- existing light sources.
- WTG, this degree of atmospheric perspective is not applied to the photosimulations. 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

• 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 for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification. • 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

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







Key Observation Point Location



Revolution Wind

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Appendix A: Revolution Wind Cumulative Visual Simulations

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

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

Simulation Size: 66" in width by 29.3" in height. Images This box should should be viewed from a distance of 15 inches in order to obtain the proper perspective.



Environmental Data Date Taken: 9/11/2017 Temperature: 57°F

Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- 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 WTG, this degree of atmospheric perspective is not applied to the photosimulations. 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°

Reasonably 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)
South Fork Wind Farm	2023	12 MW	7	13	34.8	39.4
Vineyard Wind North	2023	14 MW	0	69	NA	NA

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. • 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 for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.

perspective commonly occurring on clear days such as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed • 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

Key Observation Point Context ▲Bishop and Clerks Key Observation Point Cone of View Nantucket Sound Wind Turbine Generator Fully Visible Great Round Shoal Channel Vineyard Sound Platform Screened Martha's Vineyard Mid-Tower Screened Nacelle Screened Rhode Island Sound \oplus Not Visible Offshore Substations Nantucket Island Not VisibleVisibleSouth Fork Block Island Sound 6 Vineyard Wind North , 13 Block Island Napeague Bay 50







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Appendix A: Revolution Wind Cumulative Visual Simulations

LI04 Night: 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:** 57°F Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- 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 WTG, this degree of atmospheric perspective is not applied to the photosimulations.
- 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°

Reasonably Foreseeable Projects Represented in Visual Simulation

Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number WTGs & OSSs Project
South Fork Wind Farm	2023	12 MW	7	13
Vineyard Wind North	2023	14 MW	0	69
Revolution Wind	2023	12 MW	30	102

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. • 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 for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.

perspective commonly occurring on clear days such as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed • 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

er of Ss in	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
	34.8	39.4
	NA	NA
	31.4	38.5









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Appendix A: Revolution Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Including Revolution Wind

Environmental Data

Date Taken: 9/11/2017 **Temperature:** 57°F Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- Photosimulation Size: 66" in width by 29.3" in height. In
- The potential number of WTGs and OSSs screened fro structure height. This analysis does not consider the so Offshore Substation location and dimensions are based
- for all foundation positions. OSS positions and dimension Nighttime photosimulations are digitally adjusted from data existing light sources.
- The existing WTGs associated with the Block Island Win perspective commonly occurring on clear days such as t WTG, this degree of atmospheric perspective is not applied to the photosimulations. three-dimensional (3D) model of the island.



Key Observation Point Information	Reasonably F	oreseeable Pro	ojects F
County: Suffolk	_		-
Town: East Hampton	Project	Year of Development	WTG M
State: New York			
Location: Long Island	South Fork Wind Farm	2023	12 M
Latitude, Longitude: 41.07208° N, 71.85901° W			
Direction of View (Center): East (87.3°)	Vineyard Wind North	2023	14 M
Field of View: 124° x 55°			
	Revolution Wind	2023	12 M
Visual Resources Landscape Similarity Zone: Maintained Recreation Area	New England Wind Phase 1	2024	16 M
User Group: Local Resident, Tourist/Vacationers, Fishing Community Aesthetic Resource: Montauk Point State Park, National Register Historic Site, Scenic Area of Statewide Significance	New England Wind Phase 2	2024	19 M
	Sunrise Wind	2024	15 M
nt. Images should be viewed from 15 inches in order to obtain the proper perspective. d from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum e screening effects of intervening vegetation, structures, and topography.	Mayflower Wind	2024	12 M
ased on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used ensions considered in this photosimulation are subject to potential modification.	Liberty Wind	2025-2030	12 M
om daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of	Beacon Wind	2025-2030	12 M
d Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric h as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed			
t applied to the photosimulations.	Bay State Wind	2025-2030	12 M

• 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

Reasonably 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)
South Fork Wind Farm	2023	12 MW	7	13	34.8	39.4
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	30	102	31.4	38.5
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	42	123	30.5	40.2
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	0	185	NA	NA







Key Observation Point Location



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Appendix A: Revolution Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Excluding Revolution Wind

Environmental Data

Date Taken: 9/11/2017 Temperature: 57°F Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- existing light sources.
- 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. 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 • 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 for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification. • 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

Reasonably 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)
South Fork Wind Farm	2023	12 MW	7	13	34.8	39.4
Vineyard Wind North	2023	14 MW	0	69	NA	NA
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	42	123	30.5	40.2
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	0	185	NA	NA

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









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Appendix A: Revolution Wind Cumulative Visual Simulations

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

Visual Simulation: Revolution Wind Without Other Foreseeable Future Changes

Environmental Data

Date Taken: 9/11/2017 Temperature: 57°F Humidity: 93% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 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 Notes:

- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- 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 WTG, this degree of atmospheric perspective is not applied to the photosimulations. 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°

Reasonably 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)
Revolution Wind	2023	12 MW	30	102	31.4	38.5

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. • 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 for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.

perspective commonly occurring on clear days such as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed • 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

Key Observation Point Context ▲Bishop and Clerks Key Observation Point Cone of View Nantucket Sound Wind Turbine Generator Fully Visible Great Round Shoal Channel Vineyard Sound Platform Screened Martha's Vineyard Mid-Tower Screened Nacelle Screened Rhode Island Sound \oplus Not Visible Offshore Substations Nantucket Island Not Visible 00000 ■ Visible 000,000 000□'000 00000'0 Revolution Wind Block Island Sound 6 000000 , 13 0000000000000000 Block Island 00000000 Napeague Bay 50





