Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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°

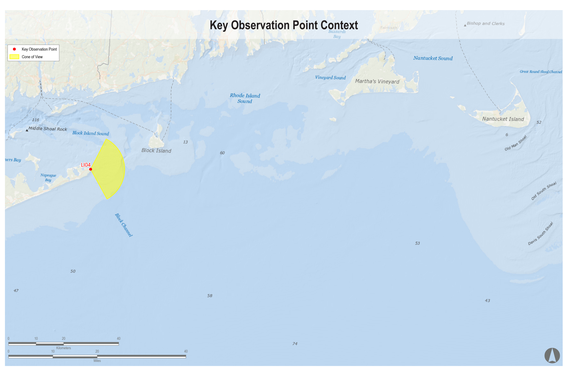
Visual Resources

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

Notes:

- Photosimulation Size: 64" 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 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 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



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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

Notes:

- Photosimulation Size: 64" 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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- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
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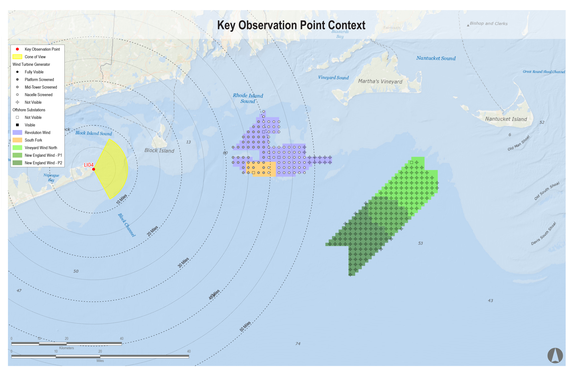
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

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	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

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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

Notes:

- Photosimulation Size: 64" 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.
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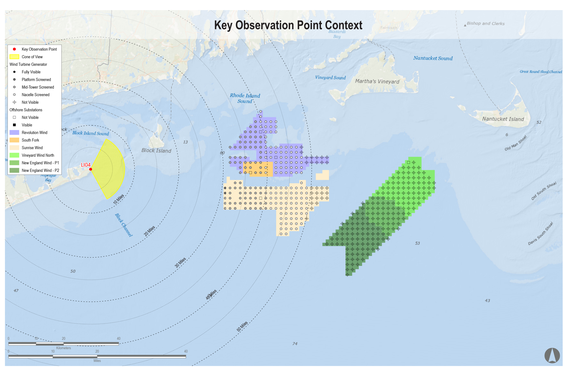
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

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	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

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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

Notes:

- Photosimulation Size: 64" 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.
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- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
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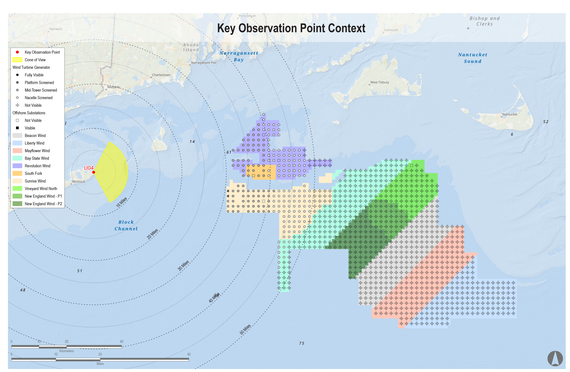
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

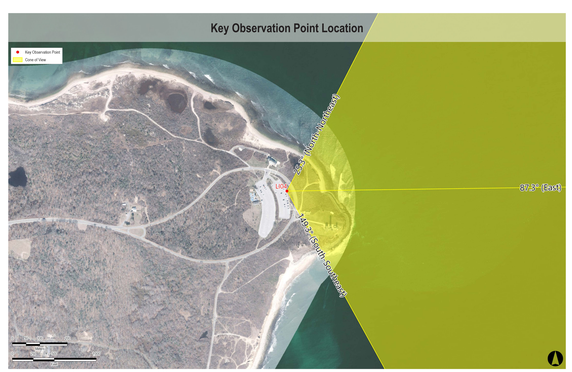
Reasonably Foreseeable Projects Represented in Visual Simulation

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	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

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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

Notes:

- Photosimulation Size: 64" 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 positons 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 existing light sources.
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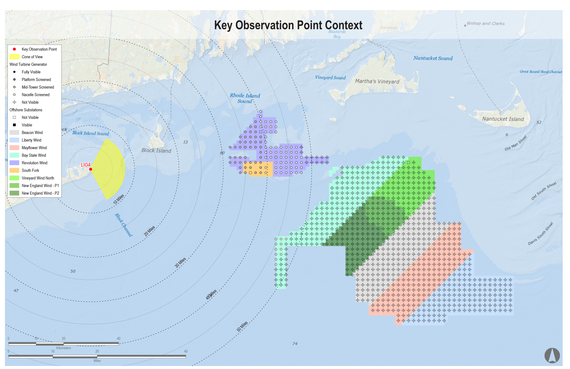
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

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	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
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

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2017
Time: 6:01 PM
Temperature: 71°F
Humidity: 68%
Visibility: >10 miles
Wind Direction: West-Southwest
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

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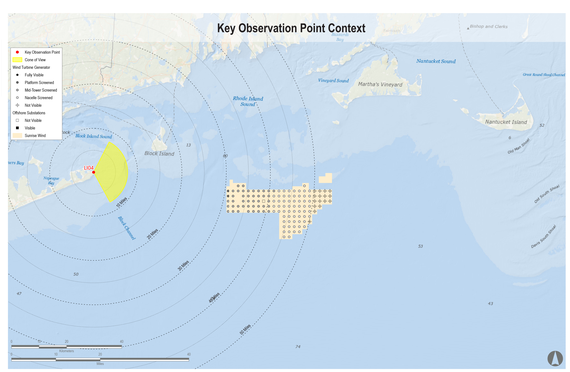
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

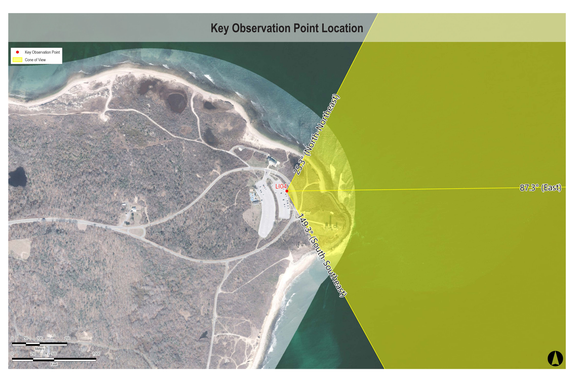
Reasonably Foreseeable Projects Represented in Visual Simulation

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)
Sunrise Wind	2024	15 MW	106	123	30.5	49.6

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

Notes:

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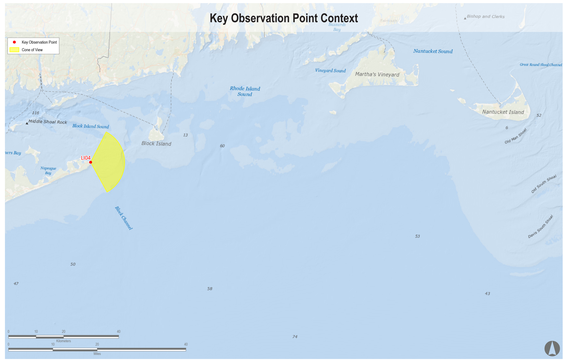
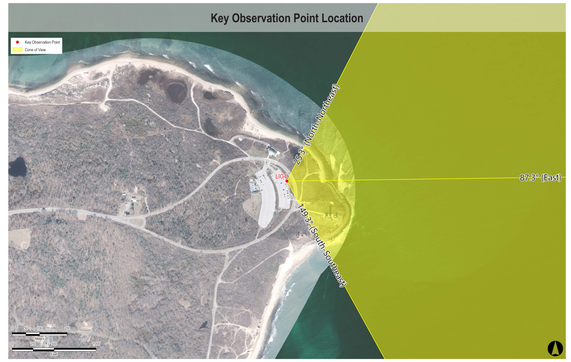
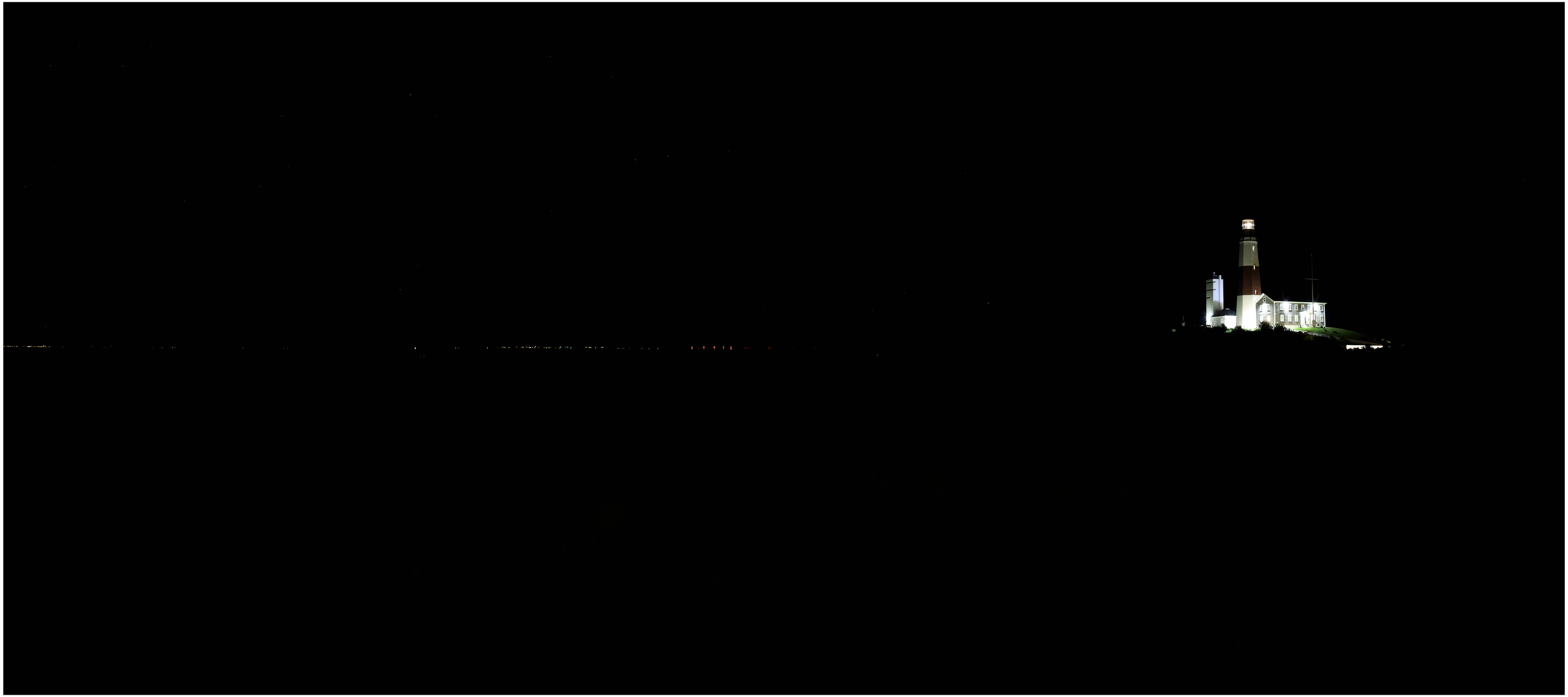
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.







Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

Notes:

- Photosimulation Size: 64" 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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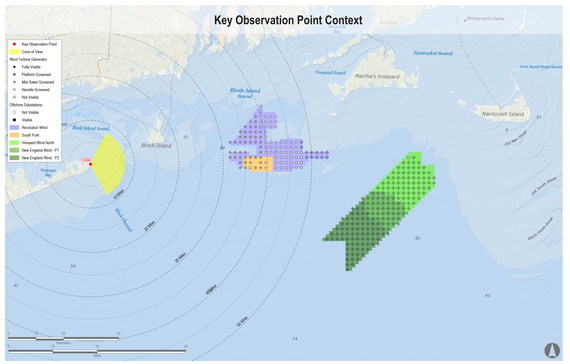
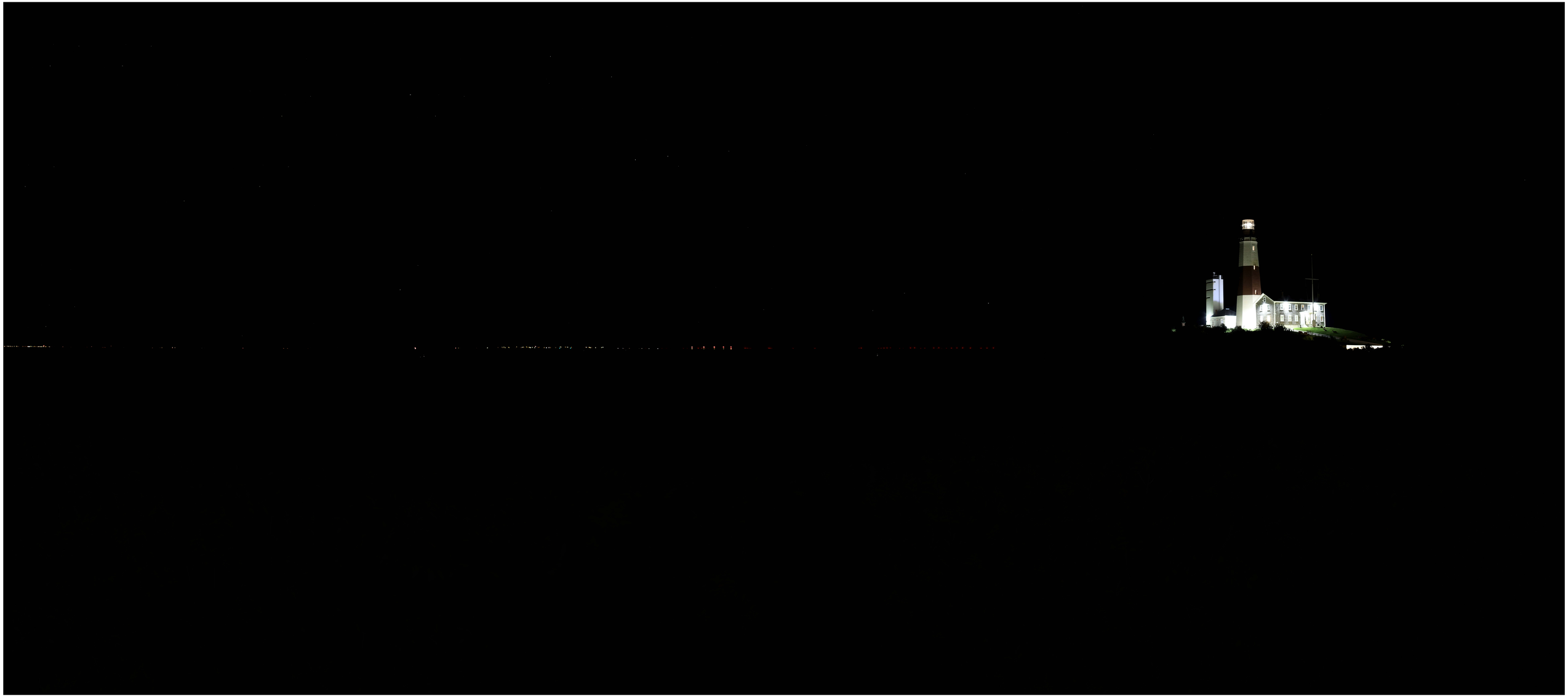
- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric 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.

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

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Hub/Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Revolution Wind
South Fork
Vineyard Wind North
New England Wind - P1
New England Wind - P2
LI04
Block Island
Block Island Sound
Rhode Island Sound
Vineyard Sound
Martha's Vineyard
Nantucket Sound
Nantucket Island
Bishop and Clerks
Great Round Shoal Channel
Muskeget Channel
Old South Shoal
Nantucket Shoals
Tuckernuck Island
Muskeget Island
Nomans Land
Martha's Vineyard
Edgartown
Oak Bluffs
Vineyard Haven
Woods Hole
Falmouth
Hyannis
Nantucket
Provincetown
Plymouth
Boston
Gloucester
Rockport
Newburyport
Portsmouth
Kittery
Portland
Old Orchard Beach
Hampton



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

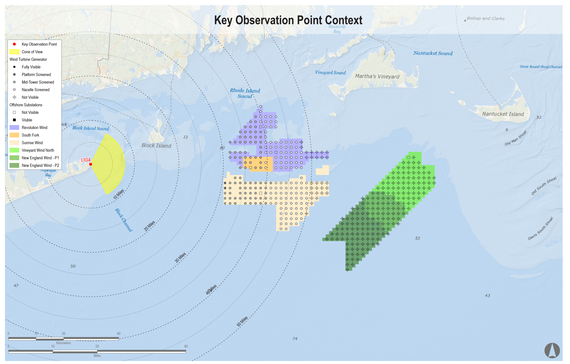
Notes:

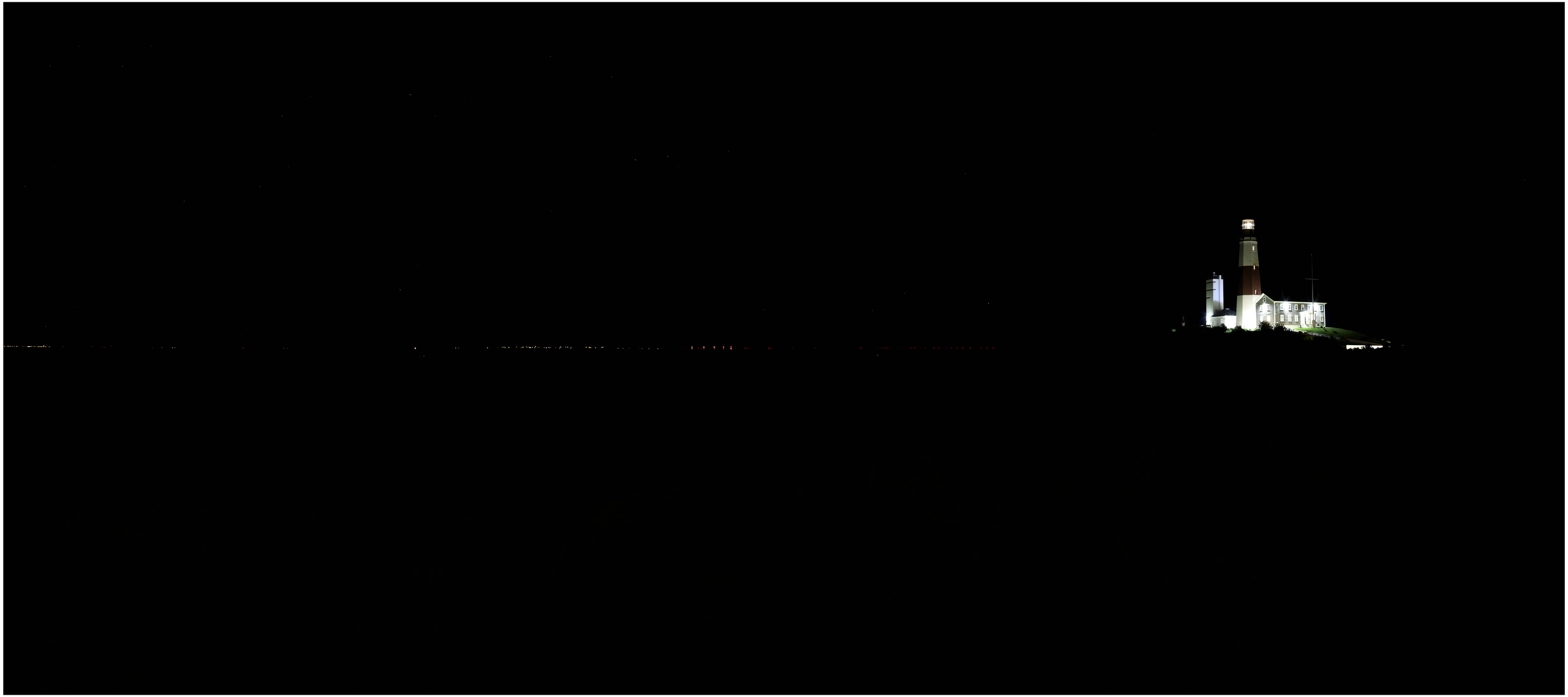
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure 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 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 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.

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

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Hub Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Revolution Wind
South Fork
Sunrise Wind
Vineyard Wind North
New England Wind - P1
New England Wind - P2
LI04
Block Island
Block Island Sound
Rhode Island Sound
Vineyard Sound
Martha's Vineyard
Nantucket Sound
Nantucket Island
Bishop and Clerks
Great Round Shoal Channel
Old Shoal
Old South Shoal
Horse Shoal
Muskeget Channel
Muskeget
Tuckernuck
Tuckernuck Island
Esther Shoal
Cross Rip
Cross Rip Channel
Nantucket Shoals
Handkerchief Shoal
Pollock Rip
Pollock Rip Channel
Monomoy
Monomoy Point
Chatham
Chatham Bars
Chatham Bars Inner Channel
Nantucket Shoals Channel
Great Round Shoal
Great Round Shoal Channel
Hedge Fence
Hedge Fence Channel
Davis North Channel
Davis South Channel
Davis Bank
Bearse Shoal
Bearse Shoal Channel
Bearse Channel
Bearse Channel Outer
Bearse Channel Middle
Bearse Channel Inner
Bearse Shoal Channel



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

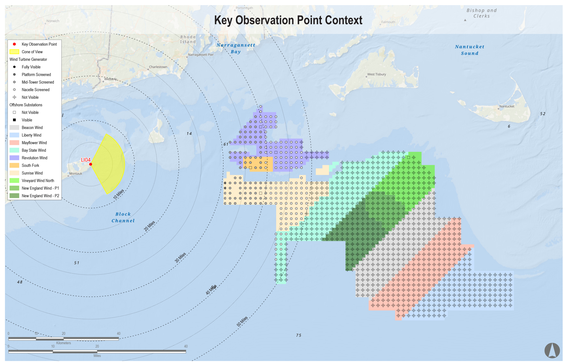
Notes:

- Photosimulation Size: 64" 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 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 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.

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 Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Hub Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Beacon Wind
Liberty Wind
Mayflower Wind
Bay State Wind
Revolution Wind
South Fork
Sunrise Wind
Vineyard Wind North
New England Wind - P1
New England Wind - P2
LI04
Narragansett Bay
Nantucket Sound
Block Channel
Bishop and Clerks
West Tisbury
Aquinnah
Gosnold
Edgartown
Oak Bluffs
Vineyard Haven
Tisbury
Chilmark
Menemsha
Martha's Vineyard
Nantucket
Falmouth
Woods Hole
Hyannis
Barnstable
Yarmouth
Dennis
Chatham
Orleans
Provincetown
Truro
Wellfleet
Eastham
Harwich
Brewster
Sandwich
Plymouth
Kingston
Duxbury
Marshfield
Scituate
Cohasset
Hingham
Hull
Weymouth
Quincy
Boston
Winthrop
Revere
Lynn
Salem
Marblehead
Swampscott
Nahant
Gloucester
Rockport
Manchester
Essex
Ipswich
Rowley
Newburyport
Salisbury
Hampton
Seabrook
Rye
Portsmouth
Kittery
York
Ogunquit
Wells
Kennebunk
Biddeford
Saco
Old Orchard Beach
Scarborough
Portland
Falmouth
Cape Elizabeth
Yarmouth
Freeport
Brunswick
Bath
Boothbay
Wiscasset
Damariscotta
Newcastle
Waldoboro
Thomaston
Rockland
Camden
Belfast
Searsport
Stockton Springs
Bucksport
Orland
Castine
Blue Hill
Deer Isle
Stonington
Isle au Haut
Vinalhaven
North Haven
Rockland
Owls Head
St. George
Tenants Harbor
Port Clyde
Friendship
Cushing
Thomaston
Warren
Rockport
Camden
Lincolnville
Northport
Belfast
Searsport
Stockton Springs
Frankfort
Winterport
Hampden
Bangor
Brewer
Orono
Old Town
Milford
Veazie
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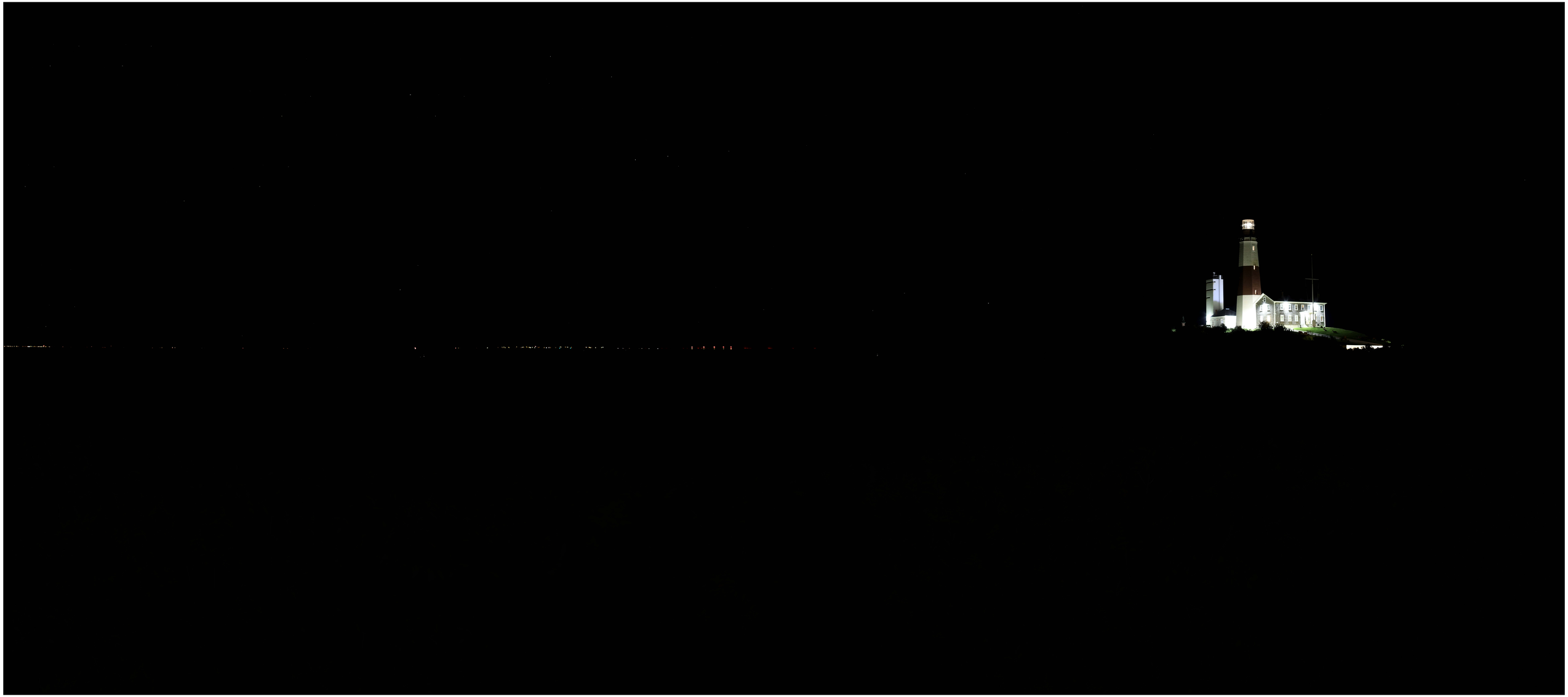
Hermon
Eddington
Clifton
Holden
Orrington
Brewer
Penobscot
Castine
Brooksville
Sedgwick



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

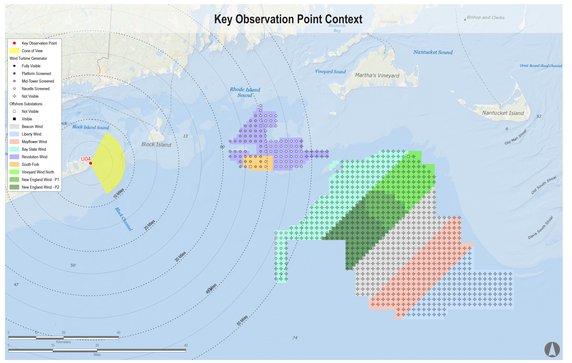
Notes:

- Photosimulation Size: 64" 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 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 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.

Reasonably Foreseeable Projects Represented in Visual Simulation

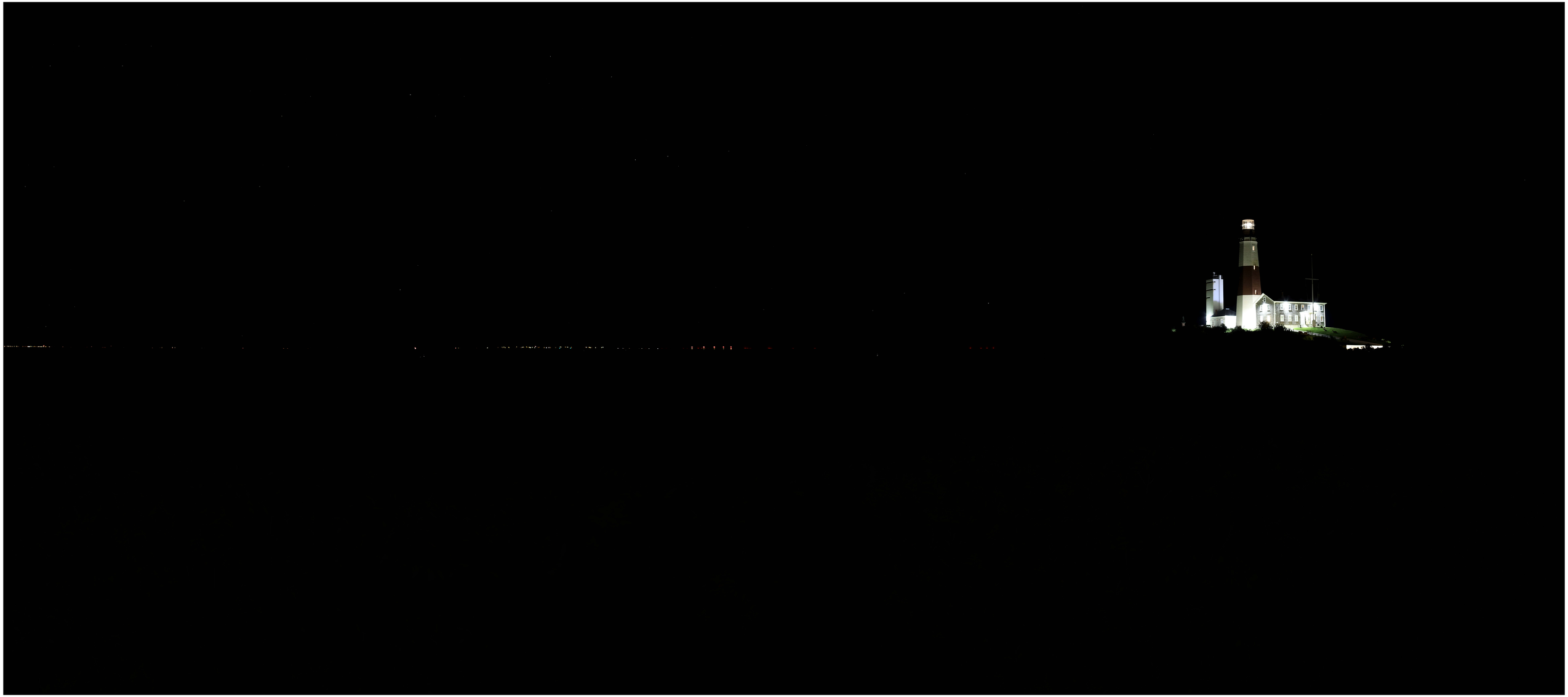
Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
South Fork Wind Farm	2023	12 MW	7	13	34.8	39.4
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	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
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 Context



Key Observation Point Location





Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

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

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

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

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°

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 Area of Statewide Significance

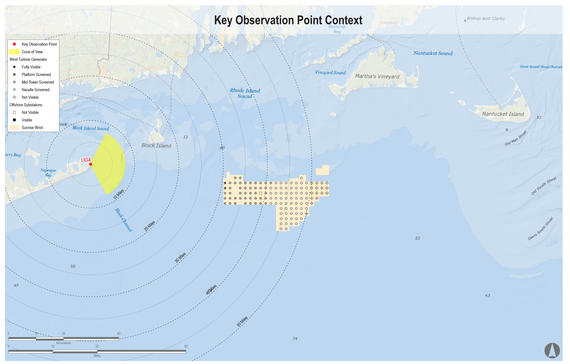
Notes:

- Photosimulation Size: 64" 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 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 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.

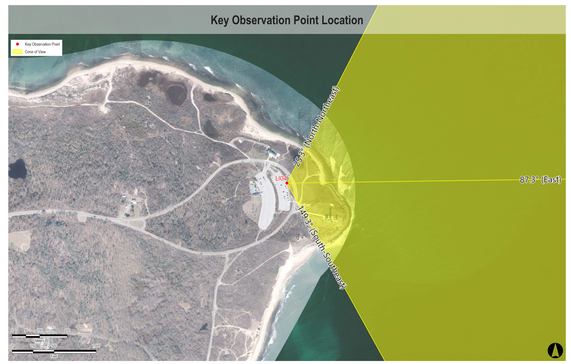
Reasonably Foreseeable Projects Represented in Visual Simulation

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)
Sunrise Wind	2024	15 MW	42	123	30.5	40.2

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

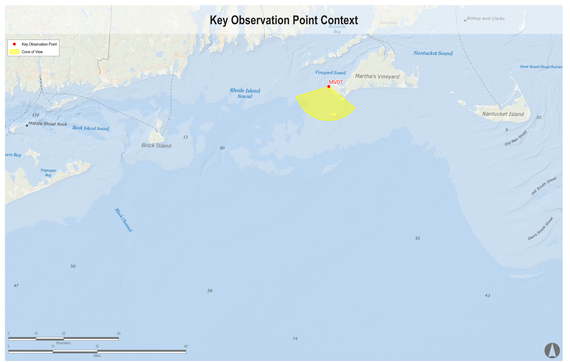
Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

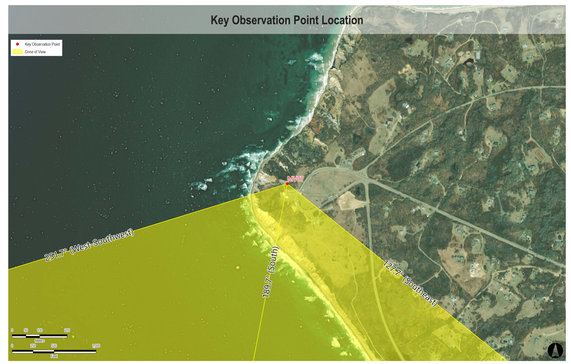
Notes:

- Photosimulation Size: 64" 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 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 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



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

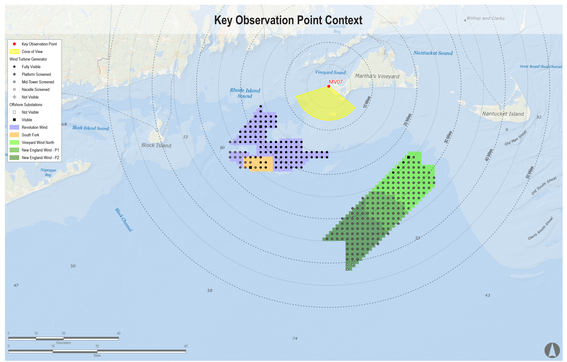
Notes:

- Photosimulation Size: 64" 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 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 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.

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Revolution Wind
South Fork
Vineyard Wind North
New England Wind - P1
New England Wind - P2
MV07
Vineyard Sound
Martha's Vineyard
Nantucket Sound
Rhode Island Sound
Block Island
Nantucket Island
Block Island Sound
Muskeget Channel
Bishop and Clerks
Great Round Shoal Channel
Tuckernuck Shoal
Muskeget Channel
Nantucket Shoals
Hedges Nose Shoal
Pollock Rip Channel
Handkerchief Shoal
Nantucket Shoals
Pollock Rip
Nantucket
Martha's Vineyard
Edgartown
Oak Bluffs
Vineyard Haven
Woods Hole
Falmouth
Hyannis



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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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- 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 existing light sources.
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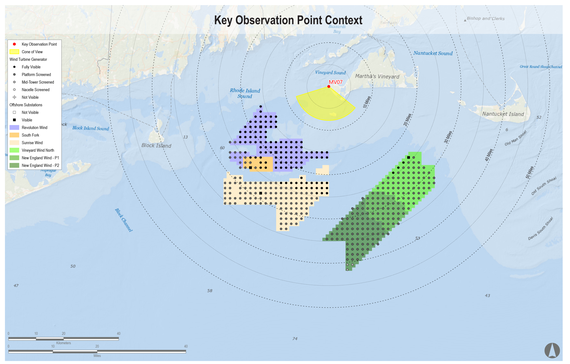
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

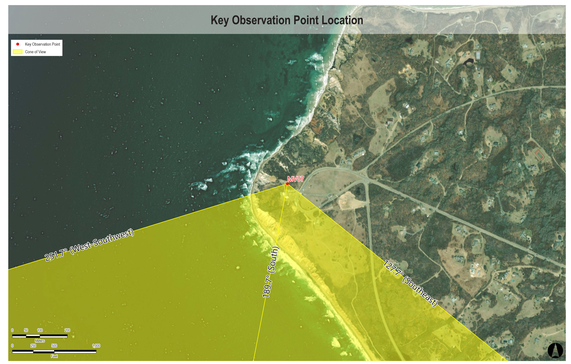
Reasonably Foreseeable Projects Represented in Visual Simulation

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location





Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head Cliffs National Natural Landmark
West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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.
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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)
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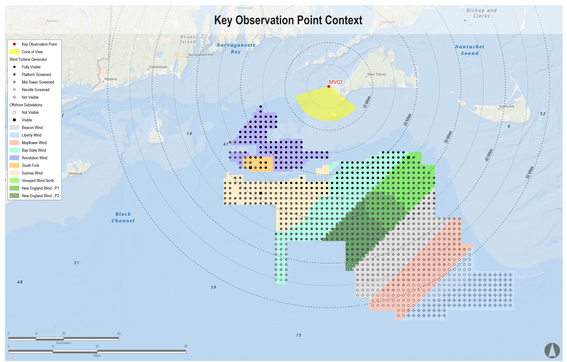
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3
Mayflower Wind	2024	12 MW	149	149	41.1	54.4
Liberty Wind	2025-2030	12 MW	36	139	48.7	53.7
Beacon Wind	2025-2030	12 MW	157	157	33.0	48.2
Bay State Wind	2025-2030	12 MW	185	185	17.5	45.3

Key Observation Point Context


Key Observation Point
Cone of View
West Turbine Generator
Fully Visible
Platform Screened
Mid-Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Beacon Wind
Liberty Wind
Mayflower Wind
Bay State Wind
Revolution Wind
South Fork
Sunrise Wind
Vineyard Wind North
New England Wind - P1
New England Wind - P2
MV07
Narragansett Bay
Nantucket Sound
Block Channel
Bishop and Clerks
Gosnold
Woods Hole
Falmouth
West Tisbury
Edgartown
Oak Bluffs
Vineyard Haven
Menemsha
Aquinnah
Chilmark
Tisbury
Martha's Vineyard
Nomans
Gay Head
Lighthouse
Cuttyhunk
Pasque
Nashawena
Naushon
Pasque Island
Uncatena
Weepecket Islands
Penikese
Island
Elizabeth Islands
Buzzards Bay
Vineyard Sound
Nantucket Shoals
Muskeget Channel
Tuckernuck Island
Muskeget Island
Nantucket
Madaket
Siasconset
Surfside
Sankaty Head
Great Point
Coatue
Wauwinet
Eel Point
Polpis
Quidnet
Quaise
Hummock Pond
Shawkemo
Miacomet
Nantucket Harbor
Esther Island
Tuckernuck Shoals
Great Rip
Bank
Handkerchief Shoal
Cross Rip
Shoal
Middle Ground
Shoal
Pollock Rip
Channel
Pollock Rip
Shoal
Bass Rip
Shoal
Asharon Shoal
Davis North
Shoal
Davis South
Shoal
Bass Rip
Channel
Hedge Fence
Shoal
Tuckernuck
Shoal
Fishing Rip
Shoal
Fishing Rip
Channel
Nantucket
Shoals
Dangerous
Area
Nantucket
Lightship
Closed Area
Great South
Channel
Great South
Channel
Light
Light
Light

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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.
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- 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.

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
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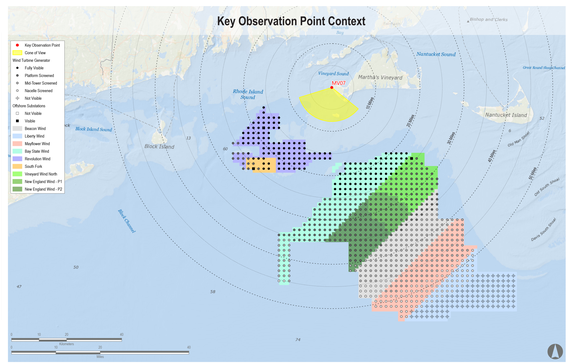
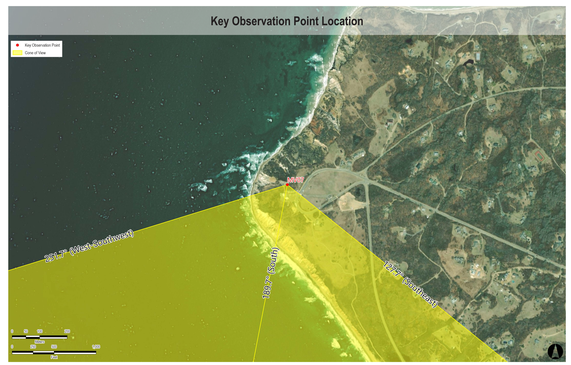
Mayflower Wind	2024	12 MW	149	149	41.1	54.4
Liberty Wind	2025-2030	12 MW	36	139	48.7	53.7
Beacon Wind	2025-2030	12 MW	157	157	33.0	48.2
Bay State Wind	2025-2030	12 MW	185	185	17.5	45.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunrise: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:37 AM
Temperature: 51°F
Humidity: 92%
Visibility: >10 miles
Wind Direction: West-Northwest
Wind Speed: 5 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

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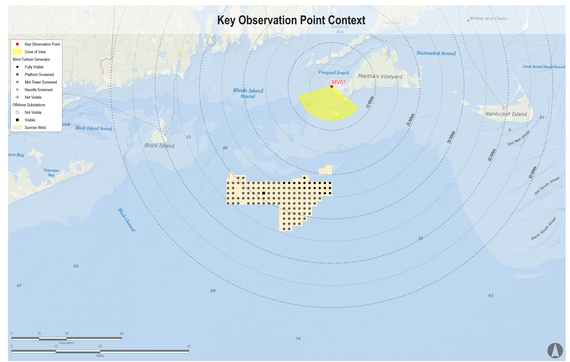
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

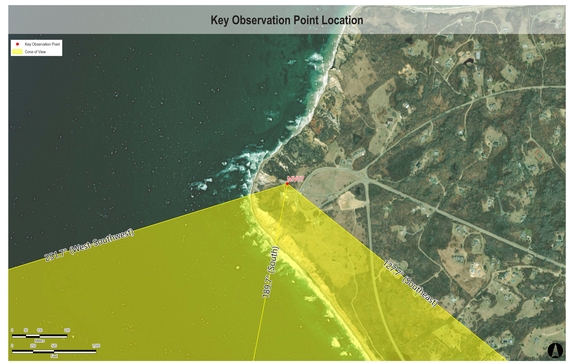
Reasonably Foreseeable Projects Represented in Visual Simulation

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)
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

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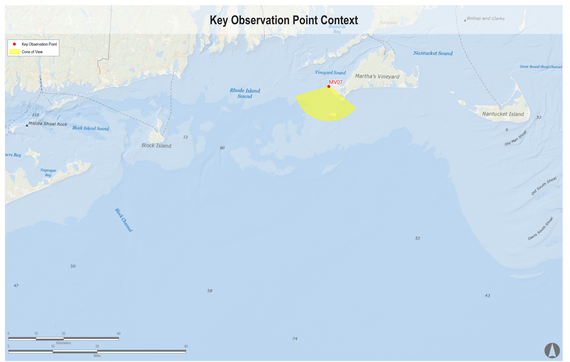

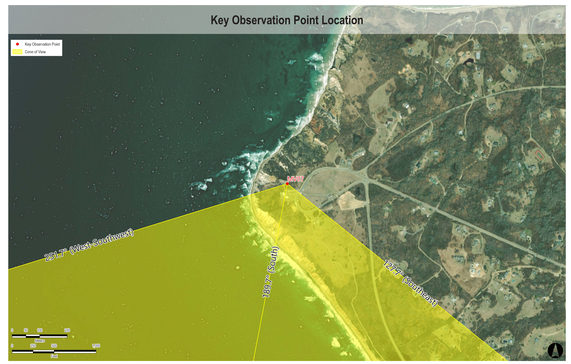



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
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Notes:

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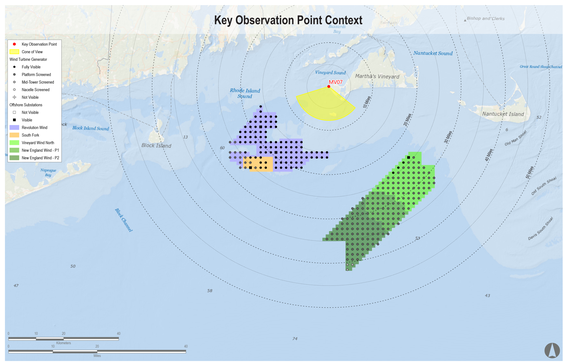
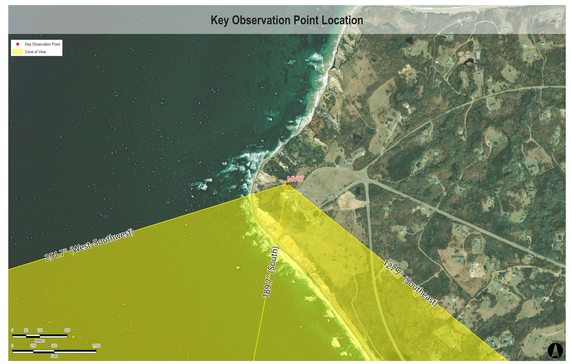
Reasonably Foreseeable Projects Represented in Visual Simulation

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

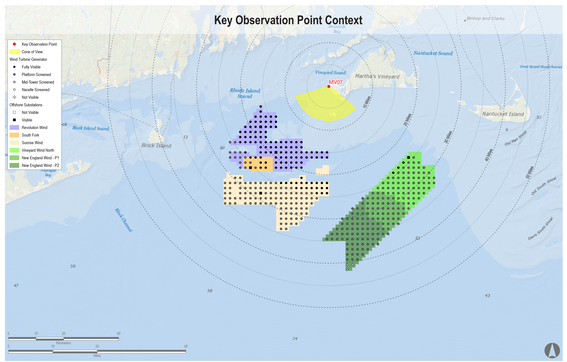
Notes:

- Photosimulation Size: 64" 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 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 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.

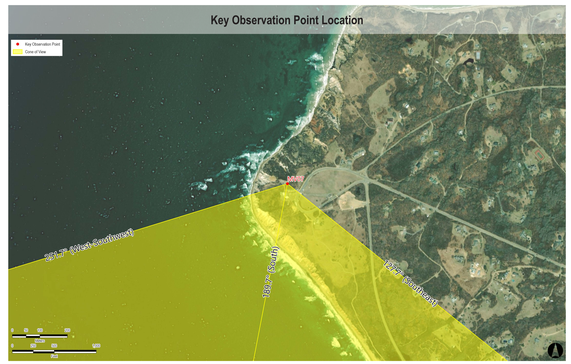
Reasonably Foreseeable Projects Represented in Visual Simulation

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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.
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- 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.

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)
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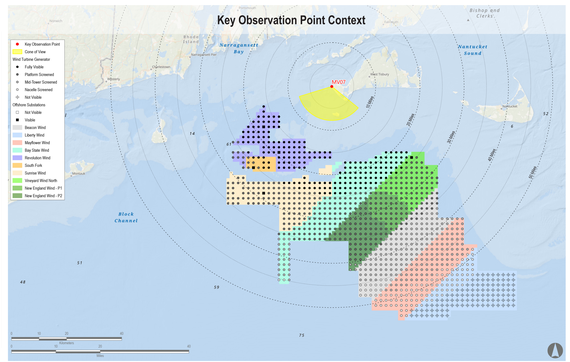
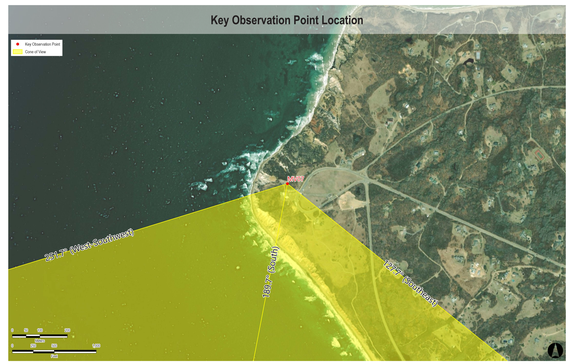
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3
Mayflower Wind	2024	12 MW	80	149	41.1	47.7
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
Beacon Wind	2025-2030	12 MW	136	157	33.0	44.6
Bay State Wind	2025-2030	12 MW	182	185	17.5	44.2

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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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- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
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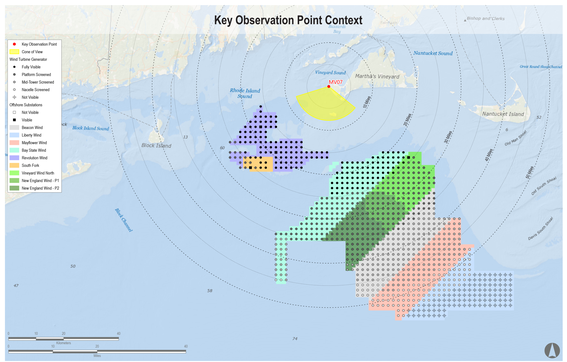
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Mayflower Wind	2024	12 MW	80	149	41.1	47.7
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
Beacon Wind	2025-2030	12 MW	136	157	33.0	44.6
Bay State Wind	2025-2030	12 MW	182	185	17.5	44.2

Key Observation Point Context


Key Observation Point
Zone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Hub/Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Beacon Wind
Liberty Wind
Mayflower Wind
Bay State Wind
Revolution Wind
South Fork
Vineyard Wind North
New England Wind - P1
New England Wind - P2
MV07
Vineyard Sound
Martha's Vineyard
Nantucket Sound
Rhode Island Sound
Block Island
Nantucket Island
Block Island Sound
Bishop and Clerks
Deep Road Passage
Tuckernuck Island
Muskeget Channel
Nantucket Shoals
Great Point
Smith Point
Pollock Rip Channel
Handkerchief Shoal
Monomoy Point
Chatham
Cape Cod
Nantucket
Martha's Vineyard
Block Island
Rhode Island
Massachusetts
Connecticut
New York
Rhode Island Sound
Block Island Sound
Vineyard Sound
Muskeget Channel
Nantucket Sound

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Night: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Temperature: 68°F
Humidity: 81%
Visibility: >10 miles
Wind Direction: Southwest
Wind Speed: 9 mph
Conditions Observed: Fair

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34730° N, 70.83690° W
Direction of View (Center): South (189.7°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

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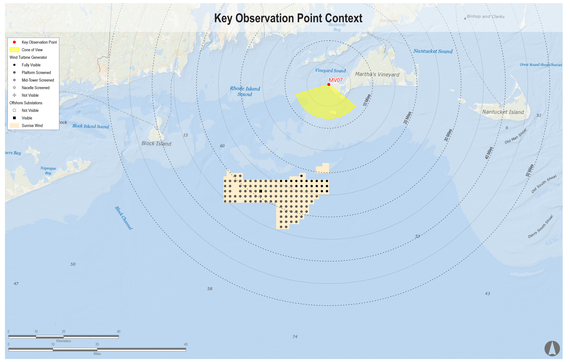
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

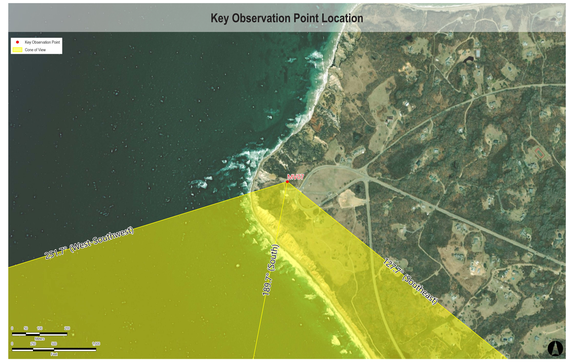
Reasonably Foreseeable Projects Represented in Visual Simulation

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)
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
Humidity: 73%
Visibility: >10 miles
Wind Direction: West-Southwest
Wind Speed: 7 mph
Conditions Observed: Partly Cloudy

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34731° N, 70.83692° W
Direction of View (Center): South-Southwest (194.1°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

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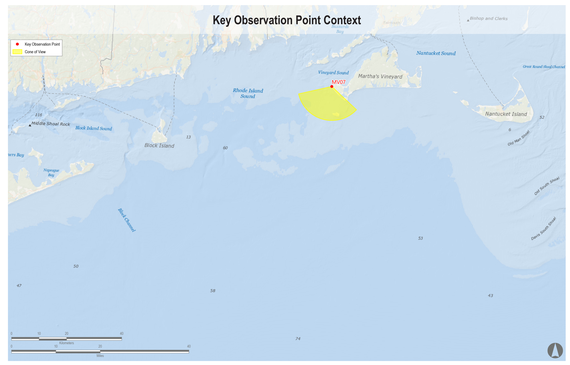

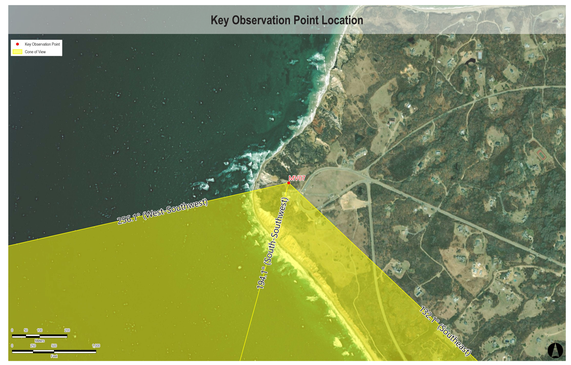



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
Humidity: 73%
Visibility: >10 miles
Wind Direction: West-Southwest
Wind Speed: 7 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34731° N, 70.83692° W
Direction of View (Center): South-Southwest (194.1°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
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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)
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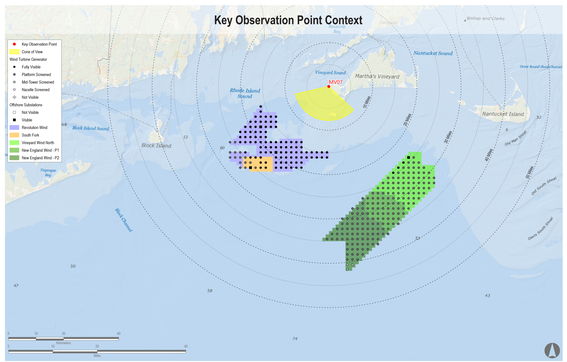
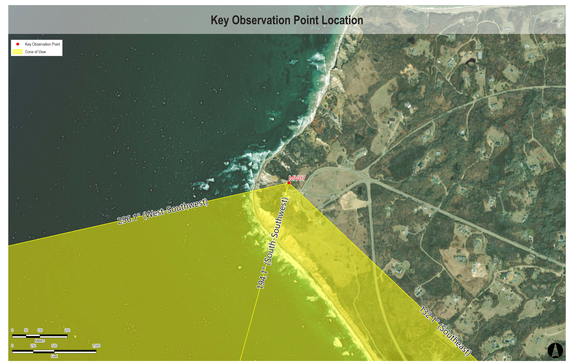
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
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Visibility: >10 miles
Wind Direction: West-Southwest
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Visual Resources

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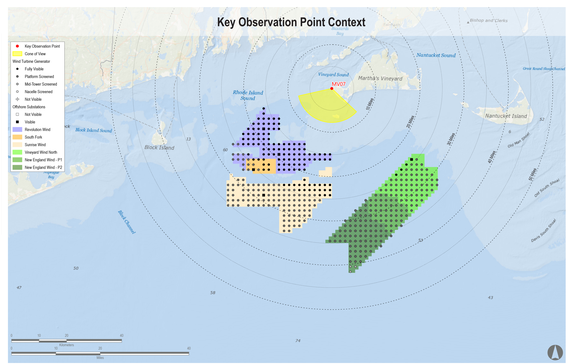
- Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.
- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of 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 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.

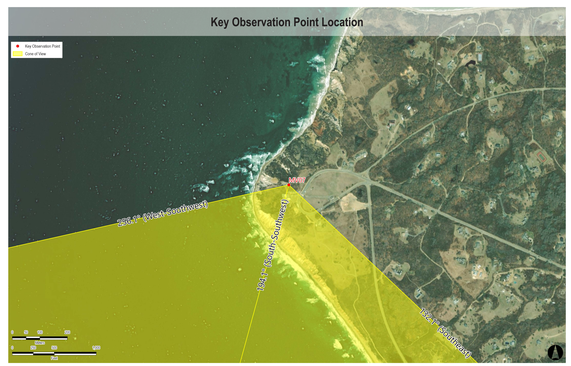
Reasonably Foreseeable Projects Represented in Visual Simulation

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	13	13	22.2	26.3
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location





Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
Humidity: 73%
Visibility: >10 miles
Wind Direction: West-Southwest
Wind Speed: 7 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34731° N, 70.83692° W
Direction of View (Center): South-Southwest (194.1°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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 existing light sources.
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- 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.

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)
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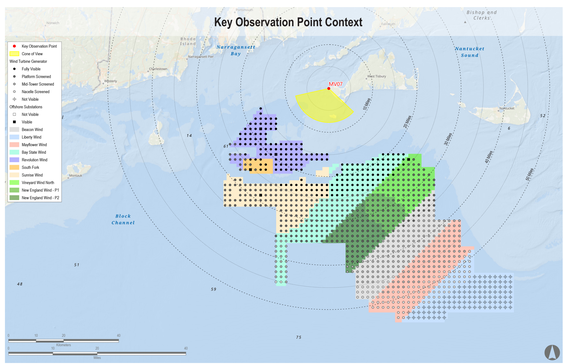
Vineyard Wind North	2023	14 MW	69	69	24.0	32.9
Revolution Wind	2023	12 MW	102	102	13.7	27.4
New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
New England Wind Phase 2	2024	19 MW	79	79	26.4	41.6
Sunrise Wind	2024	15 MW	123	123	21.6	35.3
Mayflower Wind	2024	12 MW	149	149	41.1	54.4
Liberty Wind	2025-2030	12 MW	35	139	48.7	53.5
Beacon Wind	2025-2030	12 MW	157	157	33.0	48.2
Bay State Wind	2025-2030	12 MW	185	185	17.5	45.3

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Mid-Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Beacon Wind
Liberty Wind
Mayflower Wind
Bay State Wind
Revolution Wind
South Fork
Sunrise Wind
Vineyard Wind North
New England Wind - P1
New England Wind - P2
MV07
Block Island
Nantucket Sound
Buzzards Bay
Narragansett Bay
Bishop and Clerks
Gosnold
Edgartown
West Tisbury
Aquinnah
Menemsha
Chilmark
Oak Bluffs
Vineyard Haven
Tisbury
Falmouth
Woods Hole
Martha's Vineyard
Nantucket
New Bedford
Fairhaven
Marion
Mattapoisett
Wareham
Rochester
Fairhaven
Dartmouth
Westport
Fall River
Somerset
Swansea
Tiverton
Little Compton
Portsmouth
Middletown
Newport
Jamestown
New Shoreham
Block Island
Point Judith
Watch Hill
Westerly
Charlestown
Narragansett
South Kingstown
North Kingstown
East Greenwich
Warwick
Cranston
Providence
Pawtucket
Central Falls
Woonsocket
Cumberland
Lincoln
North Smithfield
Burrillville
Glocester
Foster
Scituate
Coventry
West Greenwich
East Greenwich
West Warwick
Cranston
Johnston
North Providence
Smithfield



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
Humidity: 73%
Visibility: >10 miles
Wind Direction: West-Southwest
Wind Speed: 7 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34731° N, 70.83692° W
Direction of View (Center): South-Southwest (194.1°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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.
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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)
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New England Wind Phase 1	2024	16 MW	41	41	26.1	34.8
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Liberty Wind	2025-2030	12 MW	35	139	48.7	53.5
Beacon Wind	2025-2030	12 MW	157	157	33.0	48.2
Bay State Wind	2025-2030	12 MW	185	185	17.5	45.3

Key Observation Point Context

Key Observation Point Location

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV07 Sunset: Aquinnah Overlook, Aquinnah, Massachusetts

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 6:34 PM
Temperature: 67°F
Humidity: 73%
Visibility: >10 miles
Wind Direction: West-Southwest
Wind Speed: 7 mph
Conditions Observed: Partly Cloudy

Key Observation Point Information

County: Dukes
Town: Aquinnah
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.34731° N, 70.83692° W
Direction of View (Center): South-Southwest (194.1°)
Field of View: 124° x 55°

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 145.5 feet AMSL

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Gay Head Aquinnah Shops Area State Historic Area, Gay Head West Tisbury Unit State Scenic Area, Gay Head Cliffs National Natural Landmark

Notes:

- Photosimulation Size: 64" 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.
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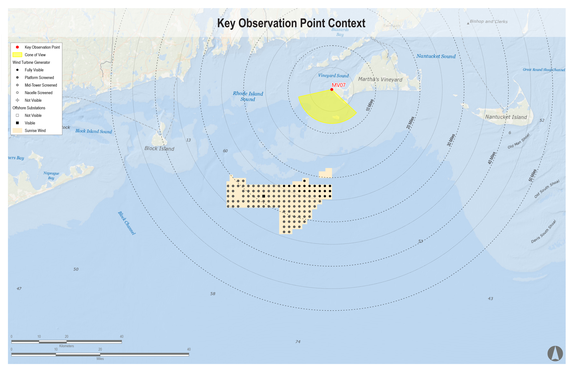
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

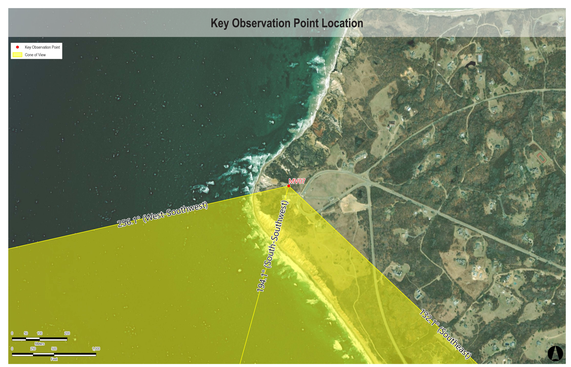
Reasonably Foreseeable Projects Represented in Visual Simulation

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)
Sunrise Wind	2024	15 MW	123	123	21.6	35.3

Key Observation Point Context



Key Observation Point Location


Key Observation Point
Core of View
MV07
194.1° (SSW) Southwest
192.9° (SSW) Southwest
196.2° (SSW) Southwest
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Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Existing Conditions

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Key Observation Point Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

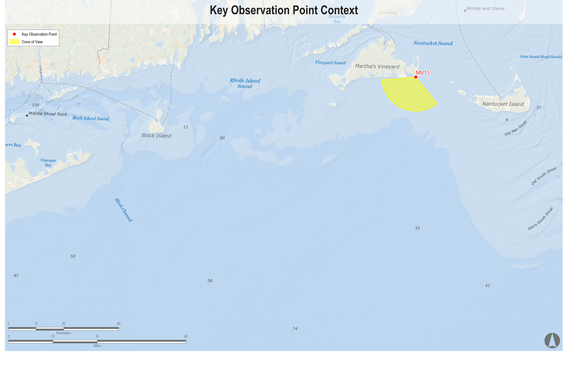
Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

Notes:

- Photosimulation Size: 64" 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 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 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



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction (Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Key Observation Point Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

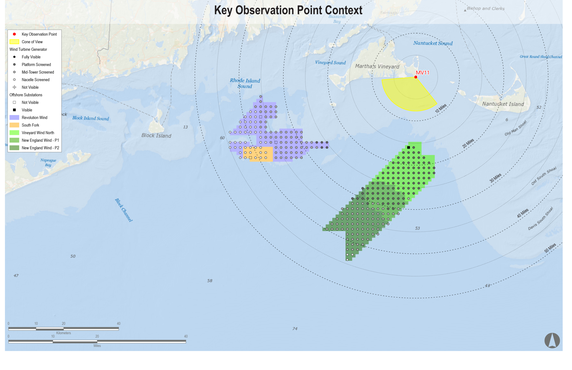
Notes:

- Photosimulation Size: 64" 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 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 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.

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	12	13	37.8	42.5
Vineyard Wind North	2023	14 MW	69	69	15.9	27.5
Revolution Wind	2023	12 MW	100	102	24.9	44.7
New England Wind Phase 1	2024	16 MW	41	41	25.1	32.7
New England Wind Phase 2	2024	19 MW	79	79	27.8	44.1

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Visual Simulation: 2023 and 2024 Project Construction with Sunrise Wind added (Sunrise Wind, Revolution Wind, South Fork Wind, Vineyard Wind North, and New England Wind Phase 1&2)

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Key Observation Point Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

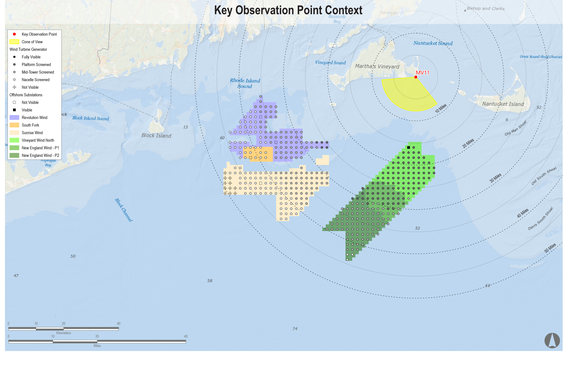
Notes:

- Photosimulation Size: 64" 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 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 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.

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	12	13	37.8	42.5
Vineyard Wind North	2023	14 MW	69	69	15.9	27.5
Revolution Wind	2023	12 MW	100	102	24.9	44.7
New England Wind Phase 1	2024	16 MW	41	41	25.1	32.7
New England Wind Phase 2	2024	19 MW	79	79	27.8	44.1
Sunrise Wind	2024	15 MW	111	123	29.5	47.1

Key Observation Point Context



Key Observation Point Location


Key Observation Point
Cone of View
MV11
Edgartown
Vineyard Haven
Oak Bluffs
Tisbury
Chilmark
West Tisbury
Aquinnah
Menemsha
Gay Head
Gosnold
Elizabeth Islands
Cuttyhunk
Naushon
Pasque
Nashawena
Penikese
Uncatena
Weepecket
Bishop and Clerks
Block Island Wind Farm
Revolution Wind
South Fork Wind
Sunrise Wind
New England Wind
Vineyard Wind North
Nantucket Sound
Martha's Vineyard
Rhode Island Sound
Block Island
Nantucket Island
West Island
Cape Poge Bay
Cape Poge Wildlife Refuge
Katama Bay
Edgartown Great Pond
Oak Bluffs Harbor
Lagoon Pond
Tashmoo
Lake Tashmoo
Vineyard Haven Harbor
Lake Tashmoo
Menemsha Pond
Squibnocket Pond
Squibnocket Beach
Gay Head Cliffs
Moshup Trail
Aquinnah Cliffs
Lighthouse
Aquinnah Beach
Chilmark Pond
Tisbury Great Pond
Long Point Wildlife Refuge
Long Point
Deep Bottom Cove
Middle Ground
Middle Ground Shoal
Middle Ground Bar
Middle Ground Flat

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Key Observation Point Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

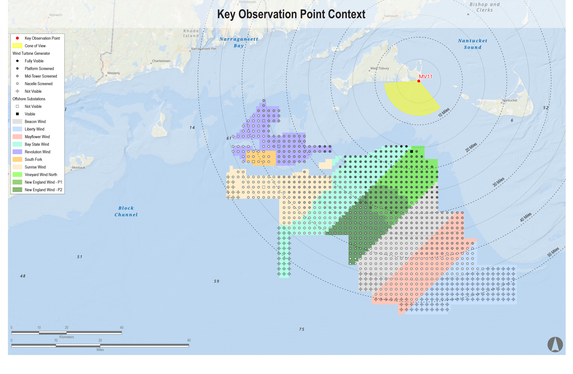
Notes:

- Photosimulation Size: 64" 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 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 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.

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	12	13	37.8	42.5
Vineyard Wind North	2023	14 MW	69	69	15.9	27.5
Revolution Wind	2023	12 MW	100	102	24.9	44.7
New England Wind Phase 1	2024	16 MW	41	41	25.1	32.7
New England Wind Phase 2	2024	19 MW	79	79	27.8	44.1
Sunrise Wind	2024	15 MW	111	123	29.5	47.1
Mayflower Wind	2024	12 MW	138	149	31.0	49.4
Liberty Wind	2025-2030	12 MW	22	139	39.4	44.8
Beacon Wind	2025-2030	12 MW	139	157	24.2	44.6
Bay State Wind	2025-2030	12 MW	156	185	15.0	44.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Notes:

- Photosimulation Size: 64" 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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- 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 Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

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	12	13	37.8	42.5
Vineyard Wind North	2023	14 MW	69	69	15.9	27.5
Revolution Wind	2023	12 MW	100	102	24.9	44.7
New England Wind Phase 1	2024	16 MW	41	41	25.1	32.7
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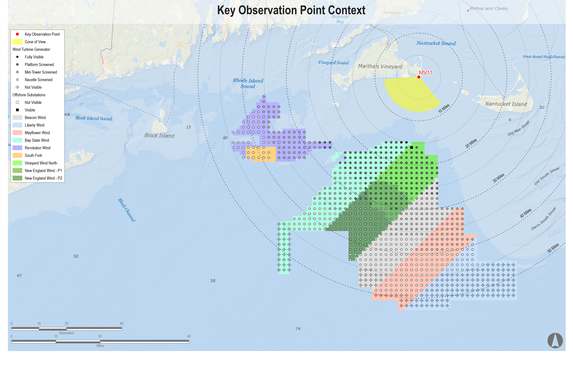
Mayflower Wind	2024	12 MW	138	149	31.0	49.4
Liberty Wind	2025-2030	12 MW	22	139	39.4	44.8
Beacon Wind	2025-2030	12 MW	139	157	24.2	44.6
Bay State Wind	2025-2030	12 MW	156	185	15.0	44.3

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Partially Screened
Mid-Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Beacon Wind
Liberty Wind
Mayflower Wind
Bay State Wind
Revolution Wind
South Fork
Vineyard Wind North
New England Wind - P1
New England Wind - P2
MV11
Nantucket Sound
Vineyard Sound
Martha's Vineyard
Rhode Island Sound
Block Island
Nantucket Island
Block Island Sound
Block Island
Nantucket Sound
Martha's Vineyard
Vineyard Sound

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

MV11: Wasque Point, Edgartown, Massachusetts

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Simulation Size: 64" in width by 29.3" in height. Images should be viewed from a distance of 15 inches in order to obtain the proper perspective.

This box should be exactly 1" long on the printed panorama

Environmental Data

Date Taken: 9/11/2021
Time: 11:49 AM
Temperature: 72°F
Humidity: 46%
Visibility: >10 miles
Wind Direction: West
Wind Speed: 9 mph
Conditions Observed: Fair

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 25.7 feet AMSL

Key Observation Point Information

County: Dukes
Town: Edgartown
State: Massachusetts
Location: Martha's Vineyard
Latitude, Longitude: 41.35082° N, 70.45932° W
Direction of View (Center): South-Southwest (202.4°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Shoreline Beach
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: Wasque Point

Notes:

- Photosimulation Size: 64" 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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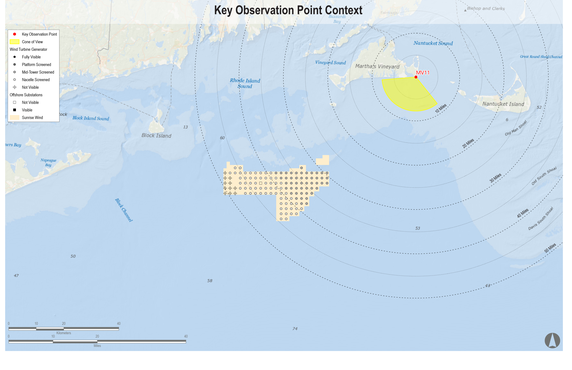
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

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)
Sunrise Wind	2024	15 MW	111	123	29.5	47.1

Key Observation Point Context


Key Observation Point
Cone of View
Wind Turbine Generator
Fully Visible
Platform Screened
Mid-Tower Screened
Nacelle Screened
Not Visible
Offshore Substations
Not Visible
Visible
Sunrise Wind
Nantucket Sound
Martha's Vineyard
MV11
Vineyard Sound
Rhode Island Sound
Block Island
Nantucket Island
Block Island
Muskeget Channel
Tuckernuck Island
Great Point
Smith Point
Cape Pogue
Wasque Point
Edgartown
Chappaquiddick Island
Katama Bay
Oak Bluffs
Falmouth
Woods Hole
Hyannis
Hyannis Port
Barnstable
Yarmouth
Dennis
Harwich
Chatham
Orleans
Eastham
Wellfleet
Truro
Provincetown
Plymouth
Duxbury
Kingston
Marshfield
Scituate
Cohasset
Hull
Hingham
Weymouth
Quincy
Boston
Winthrop
Revere
Chelsea
Everett
Somerville
Cambridge
Medford
Malden
Melrose
Wakefield
Reading
Lynnfield
Peabody
Salem
Marblehead
Swampscott
Lynn
Nahant
Saugus
Lynnfield
Middleton
Danvers
Beverly
Manchester
Gloucester
Rockport
Essex
Ipswich
Hamilton
Wenham
Topsfield
Boxford
Rowley
Newbury
Newburyport
Salisbury
Amesbury
Merrimac
West Newbury
Haverhill
Groveland
Georgetown
Boxford
North Andover
Andover
Lawrence
Methuen
Dracut
Tewksbury
Billerica
Chelmsford
Westford
Carlisle
Bedford
Lexington
Arlington
Belmont
Watertown
Newton
Brookline
Boston
Dedham
Needham
Wellesley
Weston
Waltham
Lincoln
Concord
Sudbury
Framingham
Natick
Wayland
Weston
Wellesley
Dover
Sherborn
Medfield
Millis
Norfolk
Walpole
Foxboro
Sharon
Canton
Milton
Braintree
Weymouth
Hingham
Cohasset
Norwell
Hanover
Pembroke
Duxbury
Kingston
Plymouth
Carver
Wareham
Mattapoisett
Rochester
Marion
Fairhaven
New Bedford
Dartmouth
Westport
Fall River
Somerset
Swansea
Seekonk
Rehoboth
Attleboro
North Attleborough
Plainville
Wrentham
Foxboro
Norfolk
Franklin
Bellingham
Medway
Millis
Holliston
Hopkinton
Ashland
Framingham
Natick
Wayland
Weston
Wellesley
Needham
Dedham
Westwood
Norwood
Canton
Milton
Quincy
Braintree
Weymouth
Hingham
Cohasset
Scituate
Marshfield