Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated: 12/12/2017
Time Simulated: 4.00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

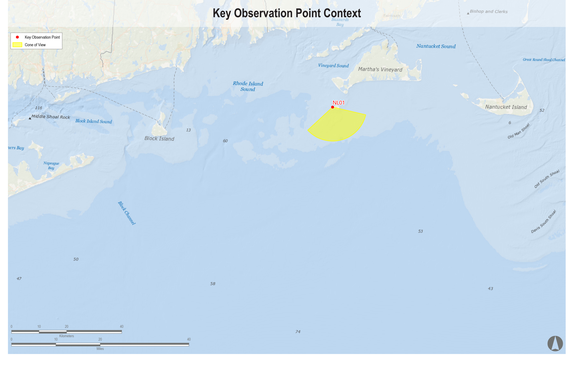
Virtual Camera Information
Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

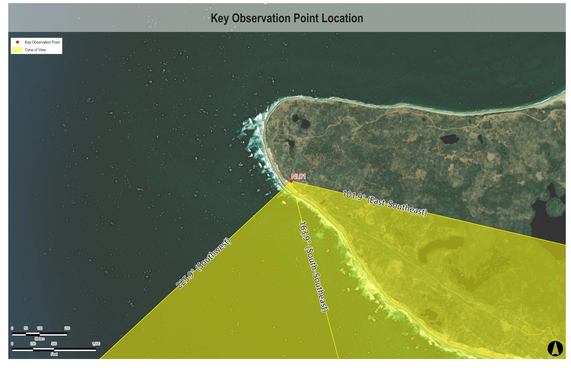
Key Observation Point Information
County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources
Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

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.







Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

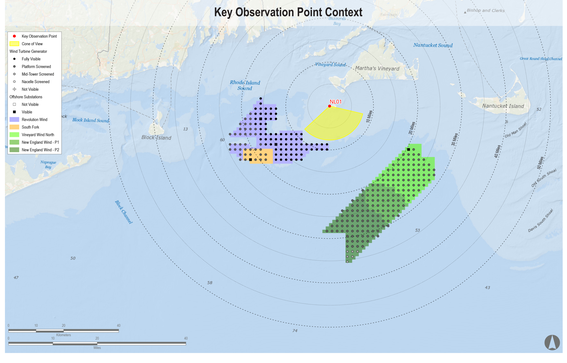
Notes:

- 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.
- 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.

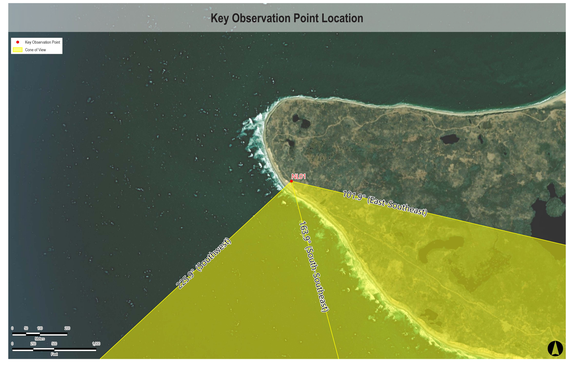
Reasonably Foreseeable Projects Represented in Visual Simulation

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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4

Key Observation Point Context



Key Observation Point Location





Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

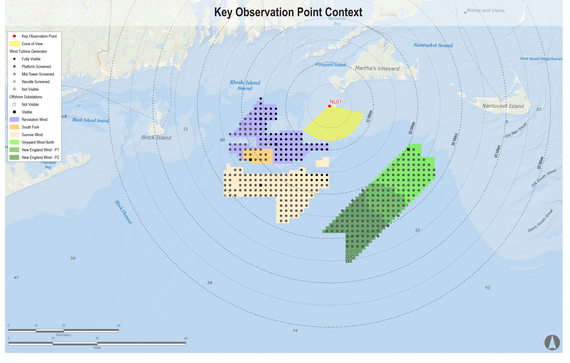
Notes:

- 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.
- 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.

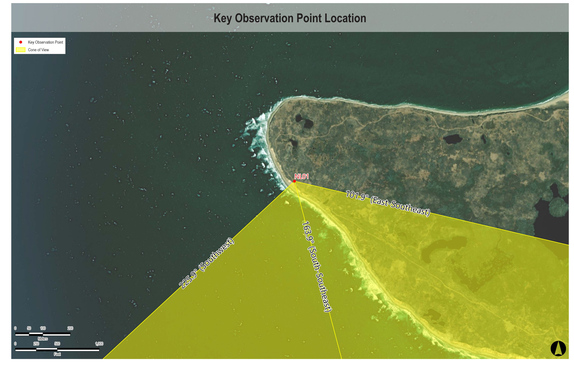
Reasonably Foreseeable Projects Represented in Visual Simulation

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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Sunrise Wind	2024	15 MW	123	123	15.6	31.0

Key Observation Point Context



Key Observation Point Location





Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

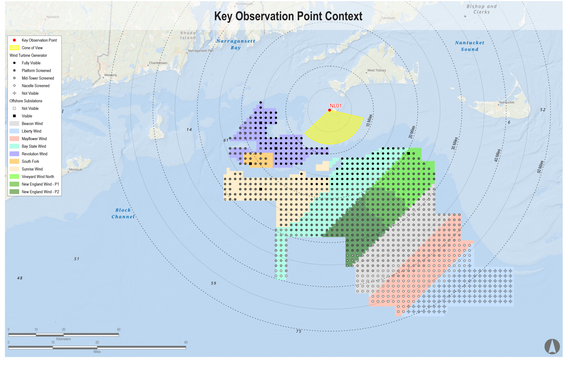
Notes:

- 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.

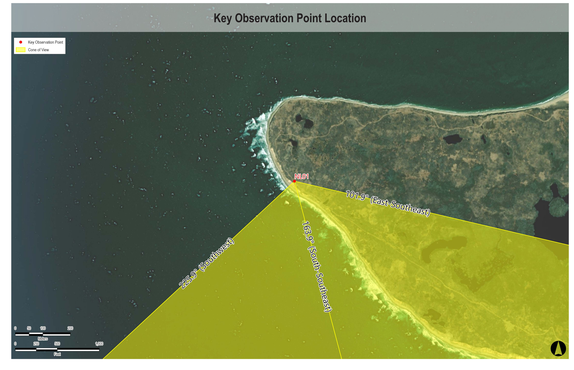
Reasonably Foreseeable Projects Represented in Visual Simulation

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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Sunrise Wind	2024	15 MW	123	123	15.6	31.0
Mayflower Wind	2024	12 MW	149	149	36.6	48.5
Liberty Wind	2025-2030	12 MW	17	139	43.9	46.5
Beacon Wind	2025-2030	12 MW	157	157	28.5	42.1
Bay State Wind	2025-2030	12 MW	185	185	11.3	39.4

Key Observation Point Context



Key Observation Point Location





Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

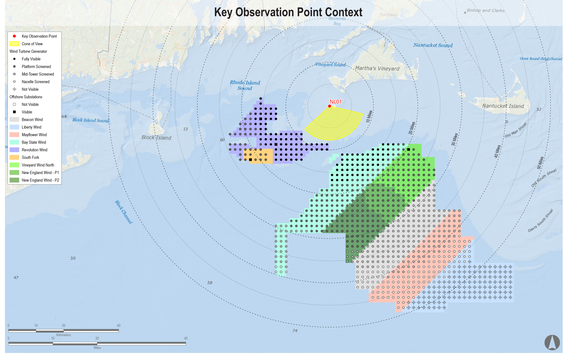
Notes:

- 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.
- 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.

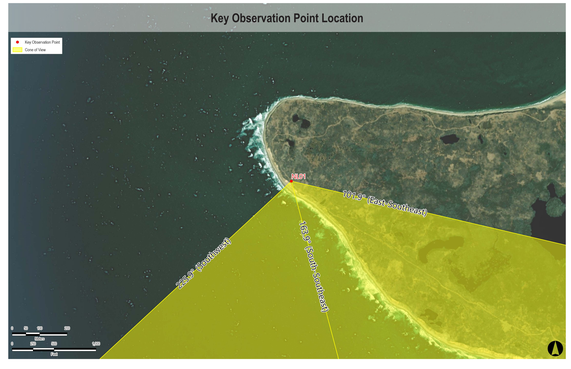
Reasonably Foreseeable Projects Represented in Visual Simulation

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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Mayflower Wind	2024	12 MW	149	149	36.6	48.5
Liberty Wind	2025-2030	12 MW	17	139	43.9	46.5
Beacon Wind	2025-2030	12 MW	157	157	28.5	42.1
Bay State Wind	2025-2030	12 MW	185	185	11.3	39.4

Key Observation Point Context



Key Observation Point Location





Match Line NL01-B

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): South-Southeast (163.9°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

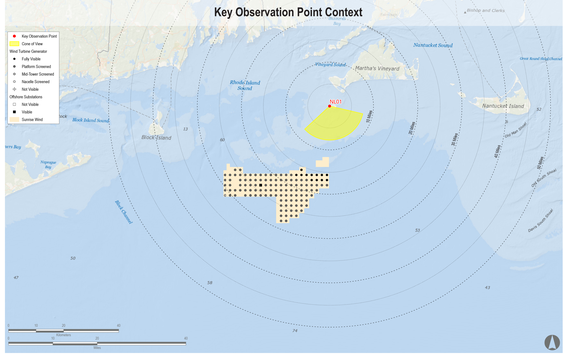
Notes:

- 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.
- 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.

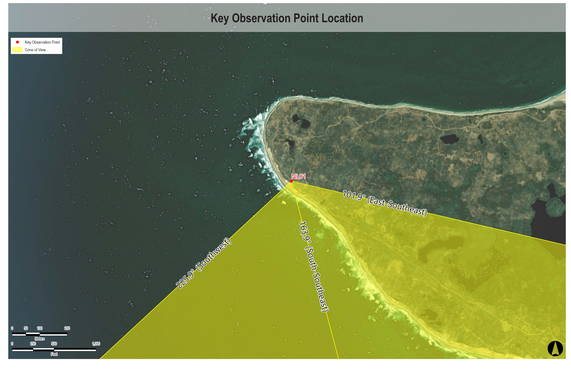
Reasonably Foreseeable Projects Represented in Visual Simulation

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	123	123	15.6	31.0

Key Observation Point Context



Key Observation Point Location



Match Line NL01-A

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

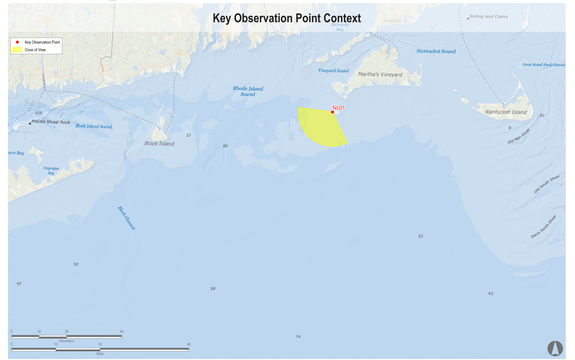
Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

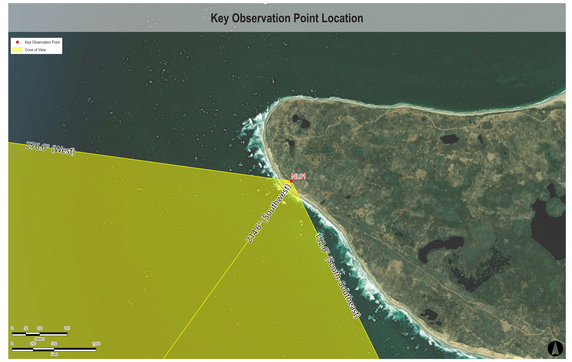
Notes:

- 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

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

Notes:

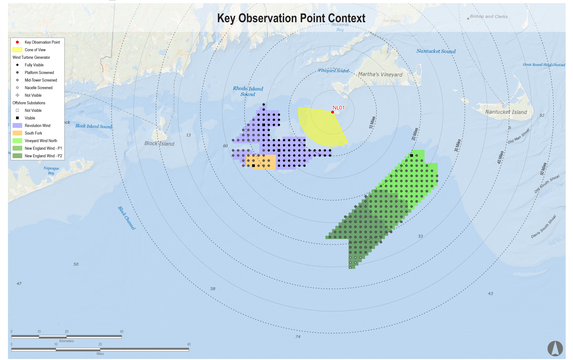
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure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

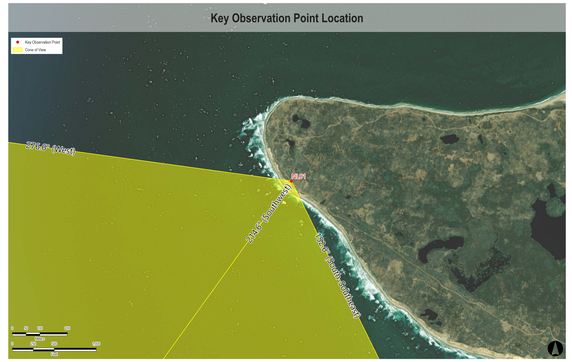
Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
South Fork Wind Farm	2023	12 MW	13	13	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4

Match Line NL01-A

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

Notes:

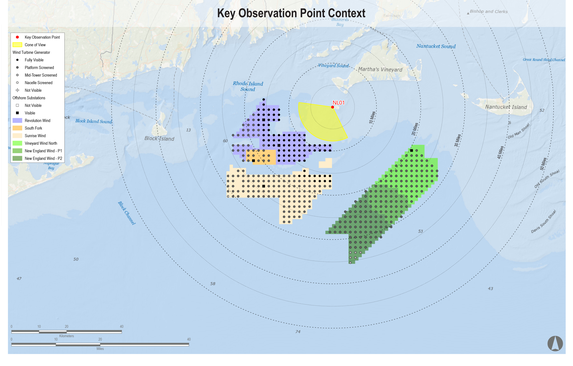
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure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

Match Line NL01-A

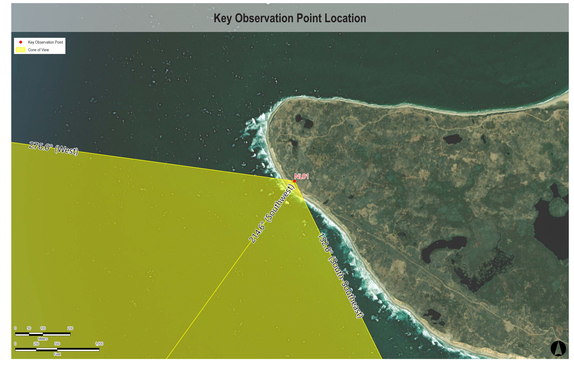
Reasonably Foreseeable Projects Represented in Visual Simulation

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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Sunrise Wind	2024	15 MW	123	123	15.6	31.0

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

Notes:

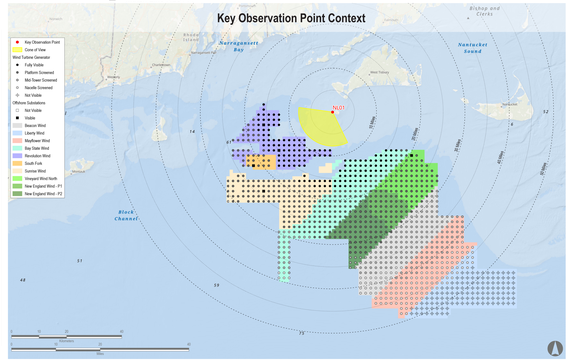
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure 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	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Sunrise Wind	2024	15 MW	123	123	15.6	31.0
Mayflower Wind	2024	12 MW	149	149	36.6	48.5
Liberty Wind	2025-2030	12 MW	17	139	43.9	46.5
Beacon Wind	2025-2030	12 MW	157	157	28.5	42.1
Bay State Wind	2025-2030	12 MW	185	185	11.3	39.4

Match Line NL01-A

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
NL01
Narragansett Bay
Nantucket Sound
Block Island
Martha's Vineyard
Bishop and Clerks
West Fishing Ground
Block Channel
Muskeget Channel
Nantucket
Edgartown
Oak Bluffs
Vineyard Haven
Woods Hole
Falmouth
Hyannis
Provincetown
Chatham
Harwich
Yarmouth
Dennis
Plymouth
Scituate
Cohasset
Hingham
Weymouth
Quincy
Boston
Gloucester
Rockport
Ipswich
Newburyport
Salisbury
Amesbury
Merrimac
Newbury
Rowley
Hamilton
Wenham
Manchester
Beverly
Danvers
Peabody
Salem
Marblehead
Swampscott
Lynn
Nahant
Revere
Winthrop
Chelsea
Everett
Somerville
Cambridge
Arlington
Belmont
Watertown
Newton
Brookline
Dedham
Milton
Braintree
Weymouth
Hull
Cohasset
Scituate
Marshfield
Duxbury
Kingston
Plymouth
Bourne
Sandwich
Falmouth
Mashpee
Barnstable
Yarmouth
Dennis
Harwich
Chatham
Orleans
Eastham
Wellfleet
Truro
Provincetown
Tisbury
Oak Bluffs
Edgartown
Gosnold
Aquinnah
Chilmark
West Tisbury
Nantucket
Siasconset
Madaket
Surfside
Cisco
Wauwinet
Polpis
Tom Nevers
Miacomet
Quidnet
Quidnet
Shimmo
Sakonnet
Little Compton
Tiverton
Portsmouth
Middletown
Newport
Jamestown
Bristol
Warren
Barrington
East Providence
Pawtucket
Central Falls
Cumberland
Lincoln
North Smithfield
Woonsocket
Burrillville
Glocester
Foster
Scituate
Johnston
North Providence
Cranston
Warwick
West Warwick
Coventry
West Greenwich
East Greenwich
North Kingstown
Exeter
Richmond
Hopkinton
Westerly
Charlestown
South Kingstown
Narragansett
New Shoreham
Block Island
Montauk
Amagansett
East Hampton
Sag Harbor
Southampton
Bridgehampton
Water Mill
Sagaponack
Wainscott
Noyack
Shelter Island
Greenport
Orient
Mattituck
Cutchogue
Southold
Riverhead
Jamesport
Aquebogue
Wading River
Manorville
Eastport
Speonk
Westhampton
Quogue
Hampton Bays
Remsenburg
Moriches
Center Moriches
Eastport
Manorville
Riverhead
Southold
Cutchogue
Mattituck
Orient
Greenport
Shelter Island
Noyack
Sagaponack
Wainscott
Bridgehampton
Water Mill
Sag Harbor
East Hampton
Amagansett
Montauk
Block Island
New Shoreham
Westerly
Charlestown
South Kingstown
Narragansett
Richmond
Hopkinton
Exeter
North Kingstown
East Greenwich
West Greenwich
Coventry
West Warwick
Warwick
Cranston
Johnston
North Providence
Central Falls
Pawtucket
East Providence
Barrington
Warren
Bristol
Portsmouth
Tiverton
Little Compton
Sakonnet
Middletown
Newport
Jamestown
Tom Nevers
Miacomet
Quidnet
Shimmo
Surfside
Cisco
Wauwinet
Polpis
Siasconset
Madaket
Nantucket
Edgartown
Oak Bluffs
Tisbury
Gosnold
Aquinnah
Chilmark
West Tisbury
Provincetown
Truro
Wellfleet
Eastham
Orleans
Chatham
Harwich
Dennis
Yarmouth
Barnstable
Mashpee
Sandwich
Bourne
Plymouth
Kingston
Duxbury
Marshfield
Scituate
Cohasset
Hingham
Weymouth
Quincy
Boston
Hull
Nahant
Lynn
Swampscott
Marblehead
Salem
Beverly
Danvers
Peabody
Wenham
Hamilton
Manchester
Rockport
Gloucester
Ipswich
Newbury
Rowley
Newburyport
Salisbury
Amesbury
Merrimac
Haverhill
Methuen
Andover
North Andover
Lawrence
Boxford
Georgetown
Groveland
Newbury
Rowley
Ipswich
Hamilton
Wenham
Manchester
Beverly
Danvers
Peabody
Salem
Marblehead
Swampscott
Lynn
Nahant
Revere
Winthrop
Chelsea
Everett
Somerville
Cambridge
Arlington
Belmont
Watertown
Newton
Brookline
Dedham
Milton
Braintree
Weymouth
Hull
Cohasset
Scituate
Marshfield
Duxbury
Kingston
Plymouth
Bourne
Sandwich
Falmouth
Mashpee
Barnstable
Yarmouth
Dennis
Harwich
Chatham
Orleans
Eastham
Wellfleet
Truro
Provincetown
Tisbury
Oak Bluffs
Edgartown
Gosnold
Aquinnah
Chilmark
West Tisbury
Nantucket
Siasconset
Madaket
Surfside
Cisco
Wauwinet
Polpis
Tom Nevers
Miacom

Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

Notes:

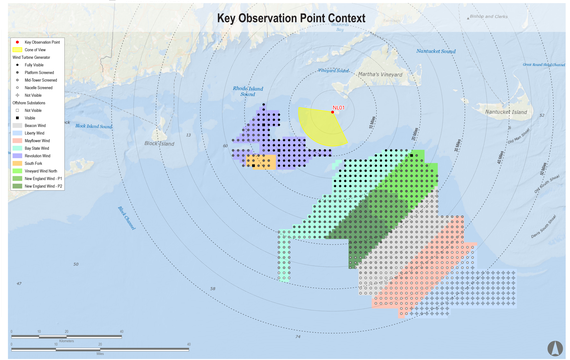
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure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

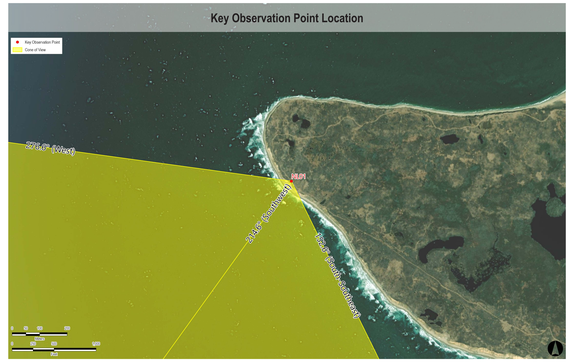
Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
South Fork Wind Farm	2023	12 MW	13	13	18.1	22.5
Vineyard Wind North	2023	14 MW	69	69	19.5	28.2
Revolution Wind	2023	12 MW	102	102	8.7	24.5
New England Wind Phase 1	2024	16 MW	41	41	20.4	29.2
New England Wind Phase 2	2024	19 MW	79	79	20.4	35.4
Mayflower Wind	2024	12 MW	149	149	36.6	48.5
Liberty Wind	2025-2030	12 MW	17	139	43.9	46.5
Beacon Wind	2025-2030	12 MW	157	157	28.5	42.1
Bay State Wind	2025-2030	12 MW	185	185	11.3	39.4

Match Line NL01-A

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, 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 Simulated*: 12/12/2017
Time Simulated: 4:00 PM
Temperature: NA
Humidity: NA
Visibility: >10 miles
Wind Direction: NA
Wind Speed: NA
Conditions Simulated: Clear

Virtual Camera Information

Lens Focal Length: 50 mm
Camera Height: 42.1 feet AMSL

Key Observation Point Information

County: Dukes
Town: Chilmark
State: Massachusetts
Location: Nomans Land Island
Latitude, Longitude: 41.25712° N, 70.83100° W
Direction of View (Center): Southwest (214.6°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff
User Group: No Access
Aesthetic Resource: Nomans Land Island National Wildlife Refuge

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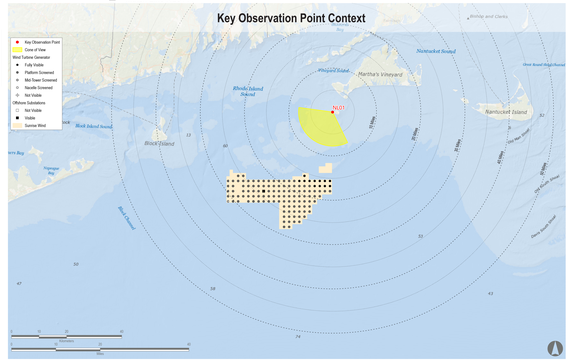
- Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Reasonably Foreseeable Projects Represented in Visual Simulation

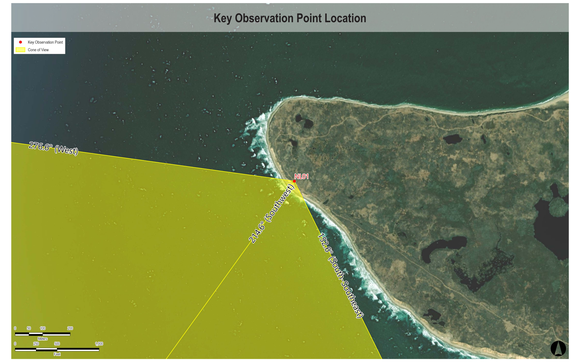
Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
Sunrise Wind	2024	15 MW	123	123	15.6	31.0

Match Line NL01-A

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 29.6 feet AMSL

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

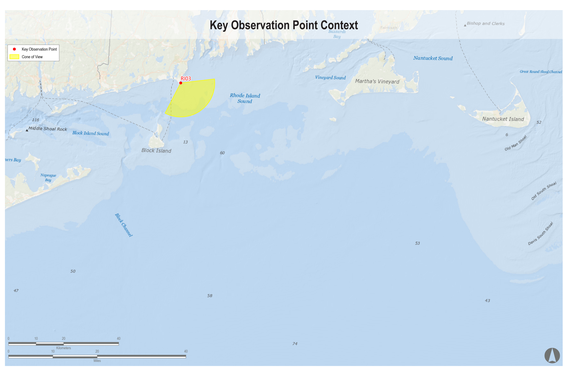
Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

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

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 29.6 feet AMSL

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

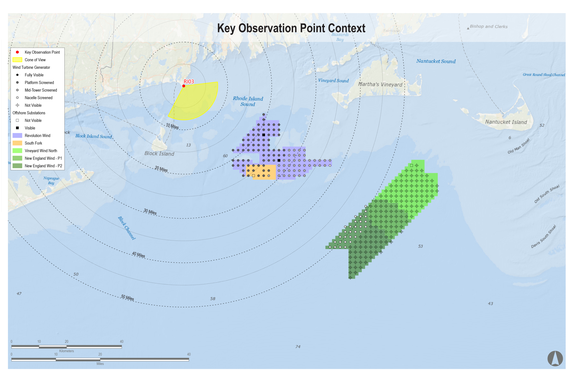
Notes:

- 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	23.1	27.9
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	18.2	37.5
New England Wind Phase 1	2024	16 MW	0	41	NA	NA
New England Wind Phase 2	2024	19 MW	29	79	48.3	51.9

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 29.6 feet AMSL

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

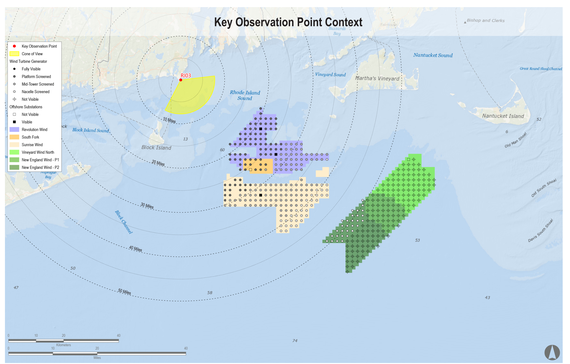
Notes:

- 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	23.1	27.9
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	18.2	37.5
New England Wind Phase 1	2024	16 MW	0	41	NA	NA
New England Wind Phase 2	2024	19 MW	29	79	48.3	51.9
Sunrise Wind	2024	15 MW	123	123	25.7	42.0

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 29.6 feet AMSL

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

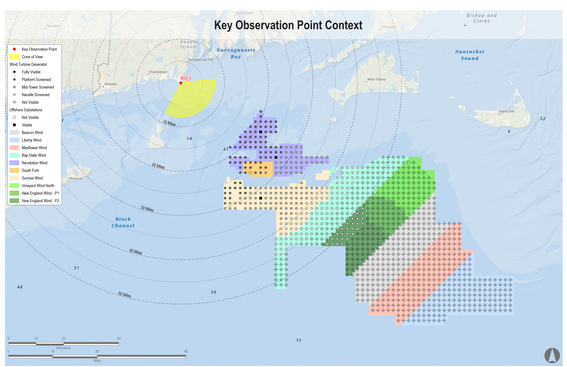
Notes:

- 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	23.1	27.9
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	18.2	37.5
New England Wind Phase 1	2024	16 MW	0	41	NA	NA
New England Wind Phase 2	2024	19 MW	29	79	48.3	51.9
Sunrise Wind	2024	15 MW	123	123	25.7	42.0
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	78	185	41.1	45.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
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: 29.6 feet AMSL

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

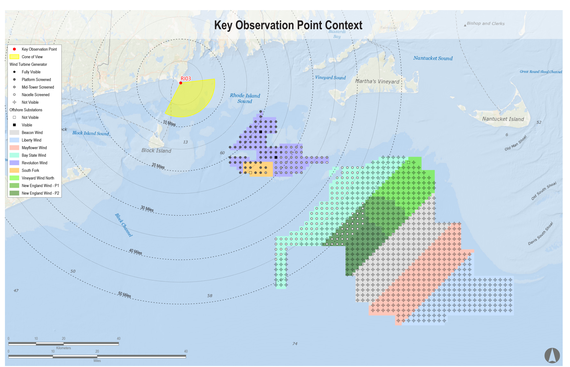
Notes:

- 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	23.1	27.9
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	18.2	37.5
New England Wind Phase 1	2024	16 MW	0	41	NA	NA
New England Wind Phase 2	2024	19 MW	29	79	48.3	51.9
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	78	185	41.1	45.3

Key Observation Point Context



Key Observation Point Location



Sunrise Wind | Powered by Ørsted & Eversource

Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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: 8/3/2017
Time: 12:34 PM
Temperature: 77°F
Humidity: 79%
Visibility: >10 miles
Wind Direction: South
Wind Speed: 10 mph
Conditions Observed: Partly Cloudy

Camera Information

Camera: Canon EOS 5D Mark IV
Resolution: 30.4 Megapixels
Lens Focal Length: 50 mm
Camera Height: 29.6 feet AMSL

Key Observation Point Information

County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area
User Group: Local Resident, Tourist/Vacationers
Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

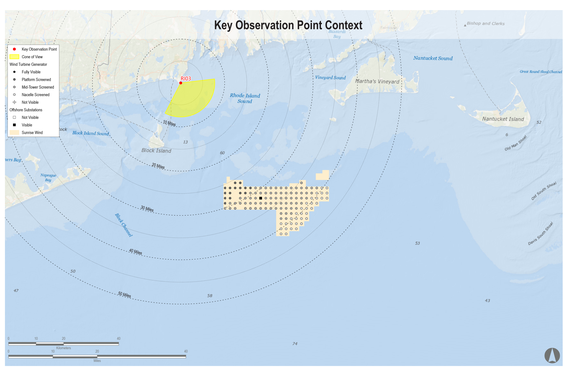
Notes:

- 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	123	123	25.7	42.0

Key Observation Point Context



Key Observation Point Location

