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Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-A Sunset: Nomans Land Island NWR, Chilmark, Massachusetts

Existing Conditions

Notes:

Date Simulated: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA Humidity: NA Visibility: >10 miles

Wind Direction: NA

Wind Speed: NA

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° Conditions Simulated: Clear

County: Dukes

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

Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: No Access

Aesthetic Resource: Nomans Land Island National Wildlife Refuge

• 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

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.

• 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

Key Observation Point Context Key Observation Point Cone of View Nantucket Sound Great Round Shoal Channel Nantucket Island





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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)**

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Virtual Camera Information Lens Focal Length: 50 mm

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

Conditions Simulated: Clear

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°

Camera Height: 42.1 feet AMSL

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

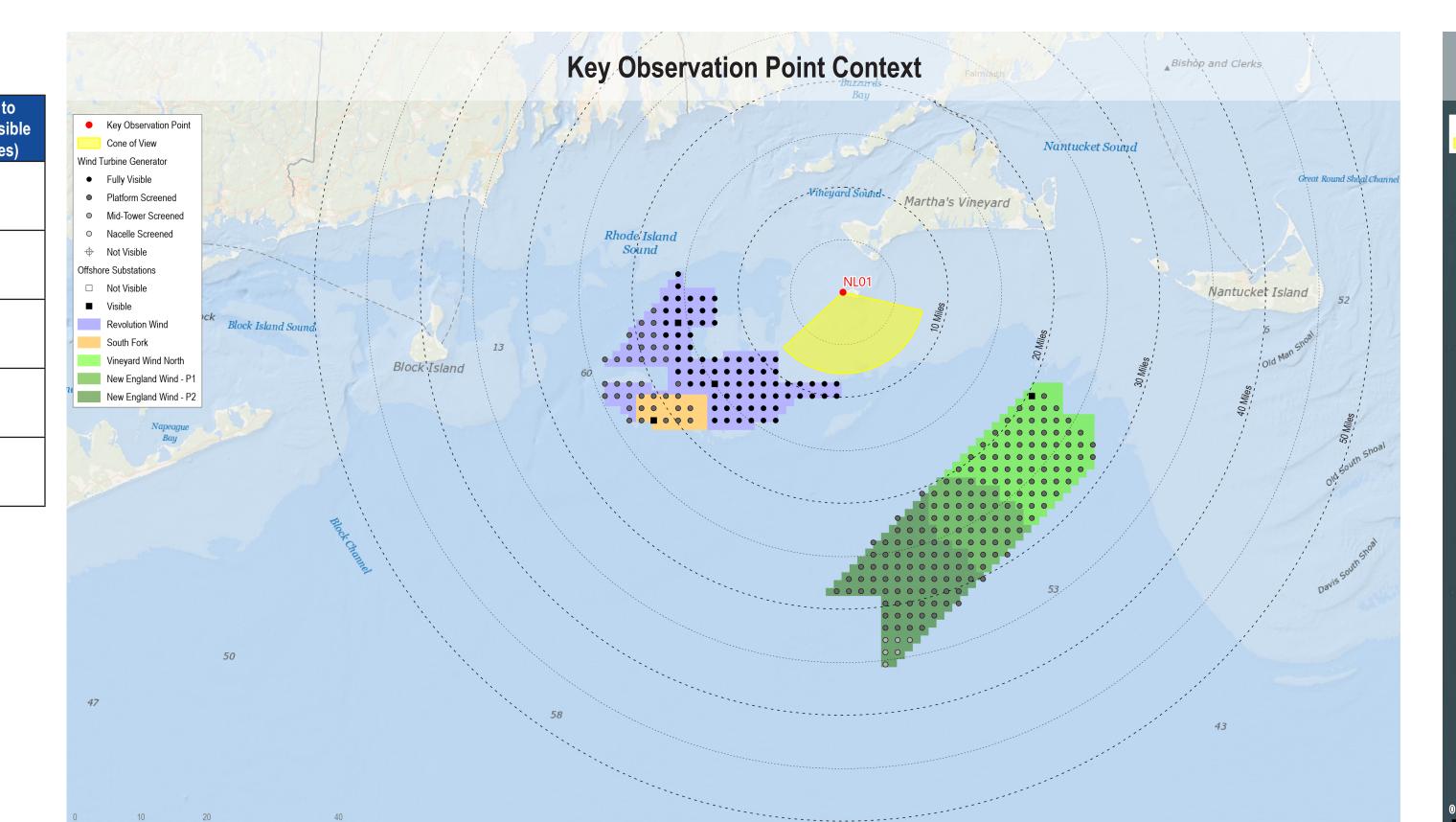
Wind Speed: NA

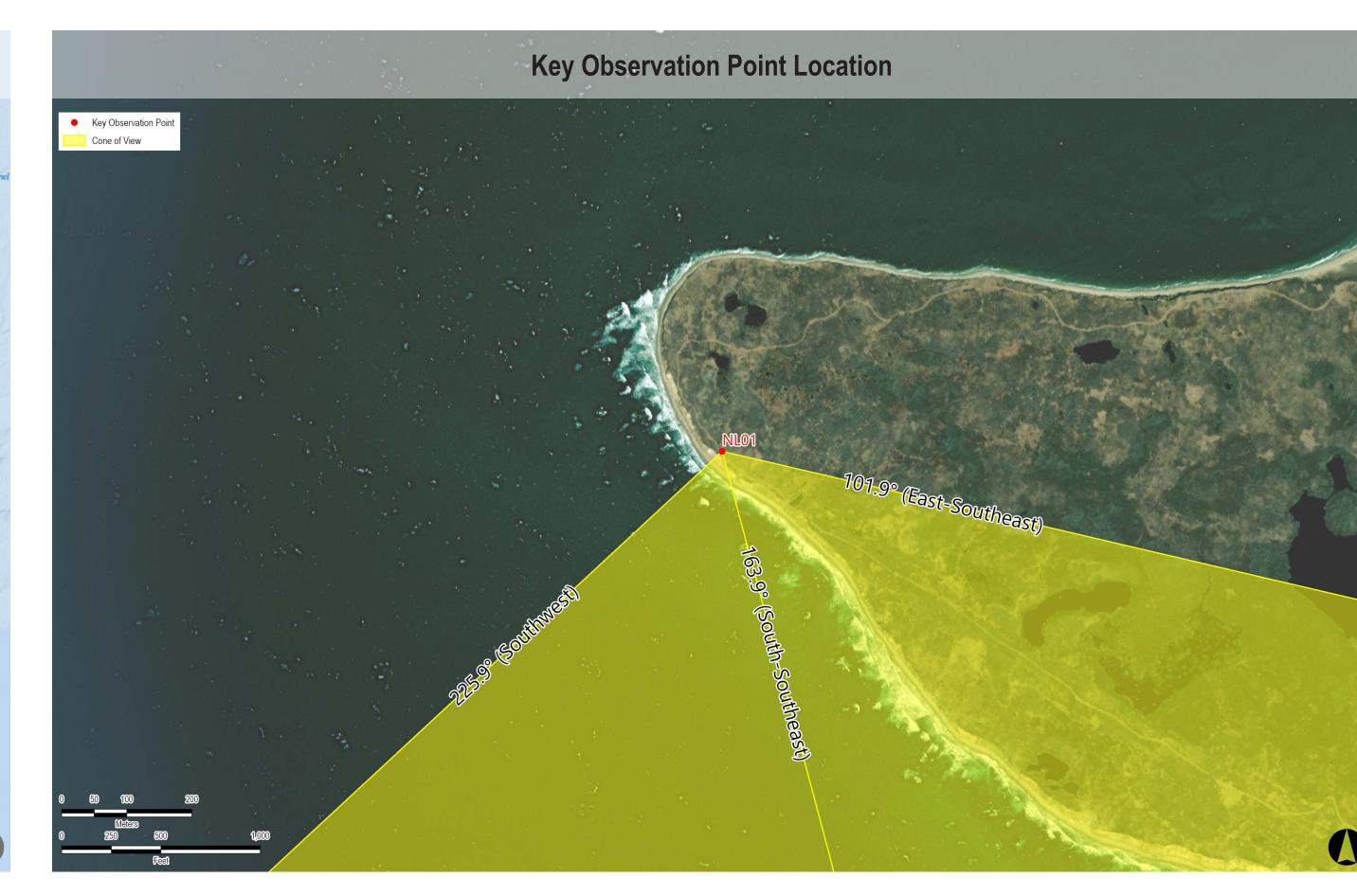
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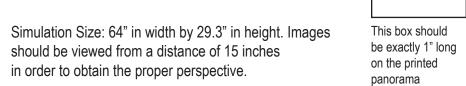
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Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
South Fork Wind Farm	2023	12 MW	13	13	18.1	22.5
Vineyard 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









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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)

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles

Virtual Camera Information Lens Focal Length: 50 mm

Conditions Simulated: Clear

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 Camera Height: 42.1 feet AMSL

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

Wind Direction: NA

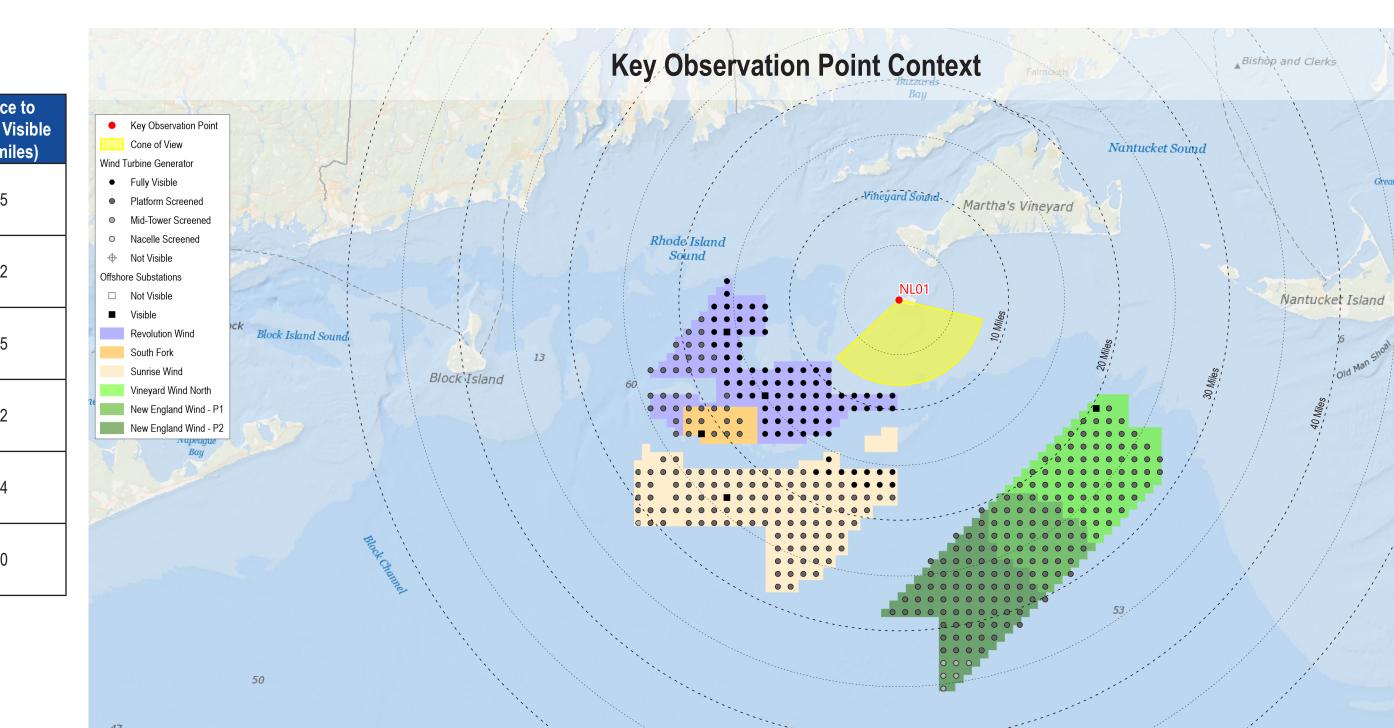
Wind Speed: NA

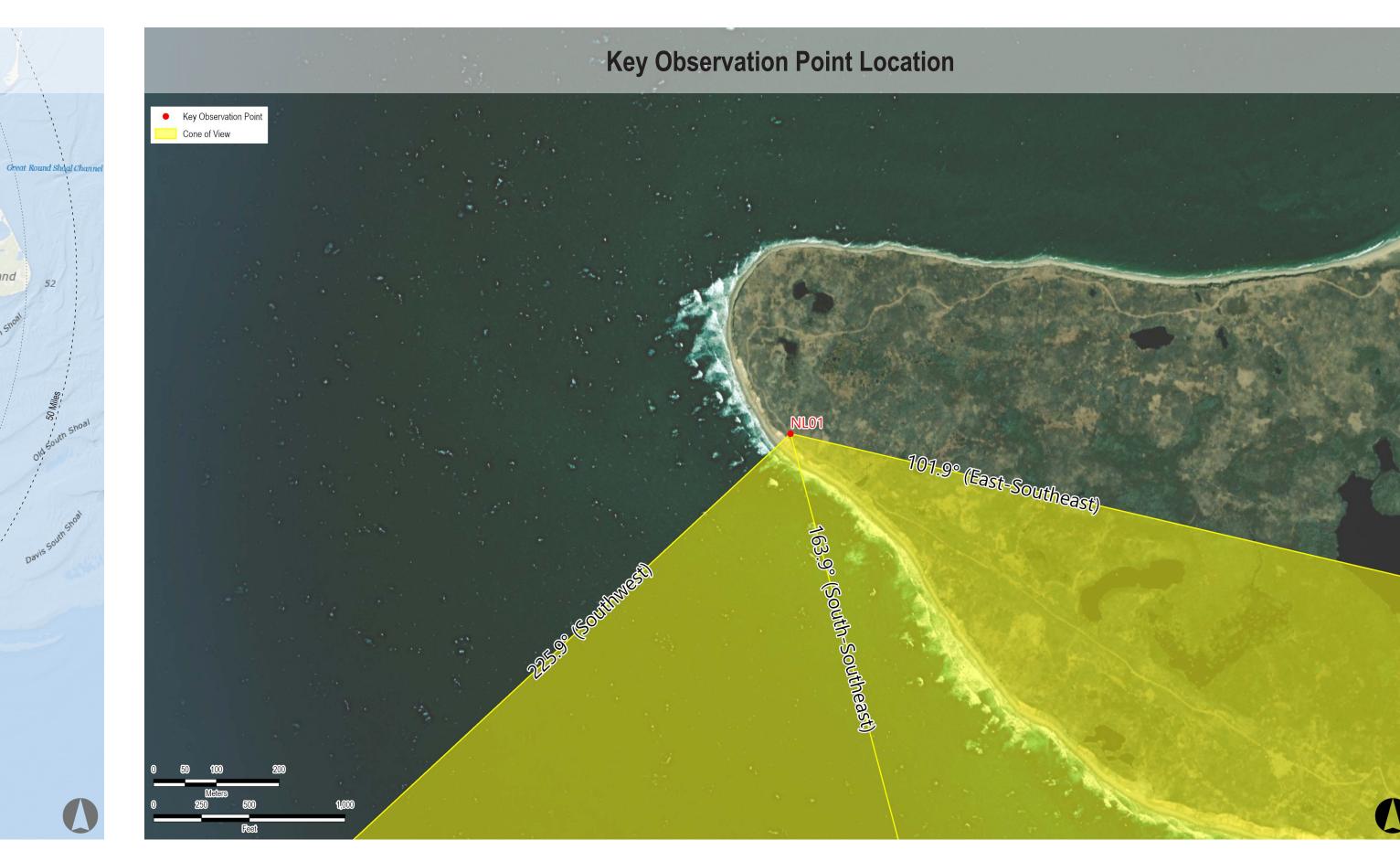
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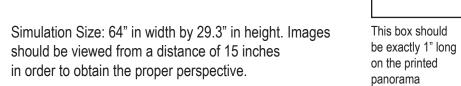
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Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
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Sunrise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









Sunrise

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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

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Virtual Camera Information Lens Focal Length: 50 mm

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°

Camera Height: 42.1 feet AMSL

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

Notes:

Wind Speed: NA

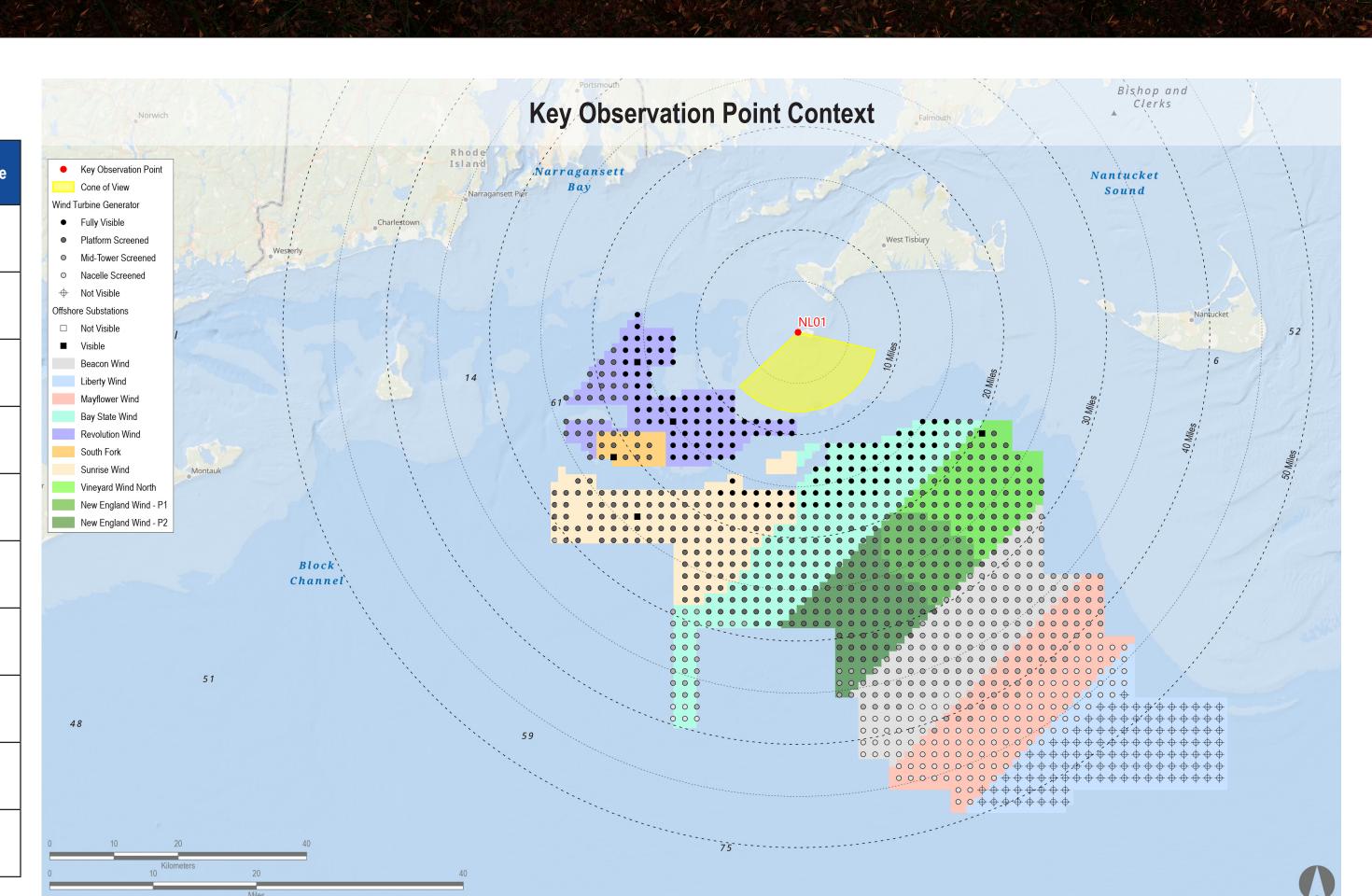
Conditions Simulated: Clear

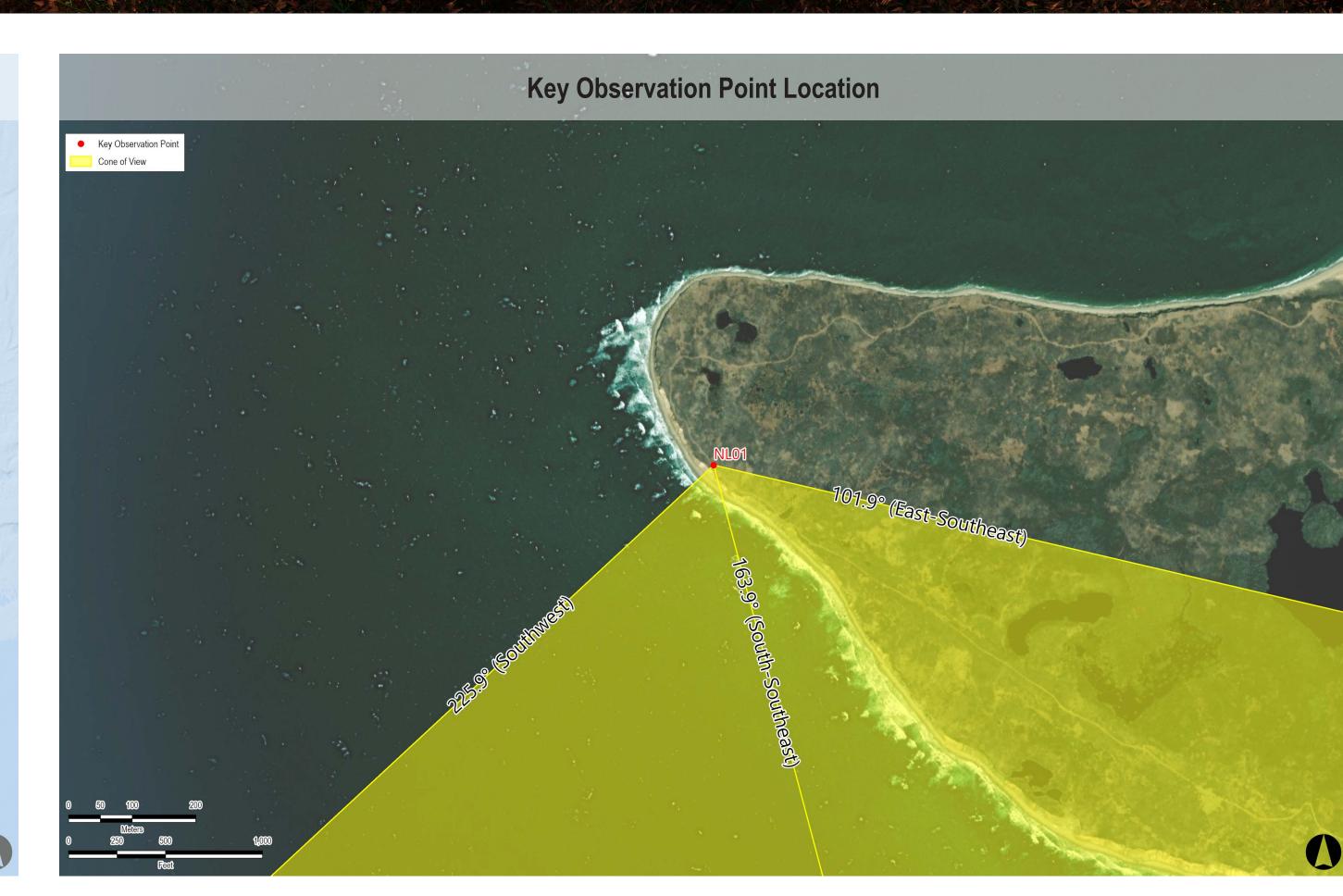
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Reasonably Foreseeable Projects Represented in Visual Simulation

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 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





Simulation Size: 64" in width by 29.3" in height. Images

This box should be exactly 1" long should be viewed from a distance of 15 inches on the printed in order to obtain the proper perspective.



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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

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles

Virtual Camera Information Lens Focal Length: 50 mm

Conditions Simulated: Clear

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°

Aesthetic Resource: Nomans Land Island National Wildlife Refuge

Camera Height: 42.1 feet AMSL

Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: No Access

Notes:

Wind Direction: NA

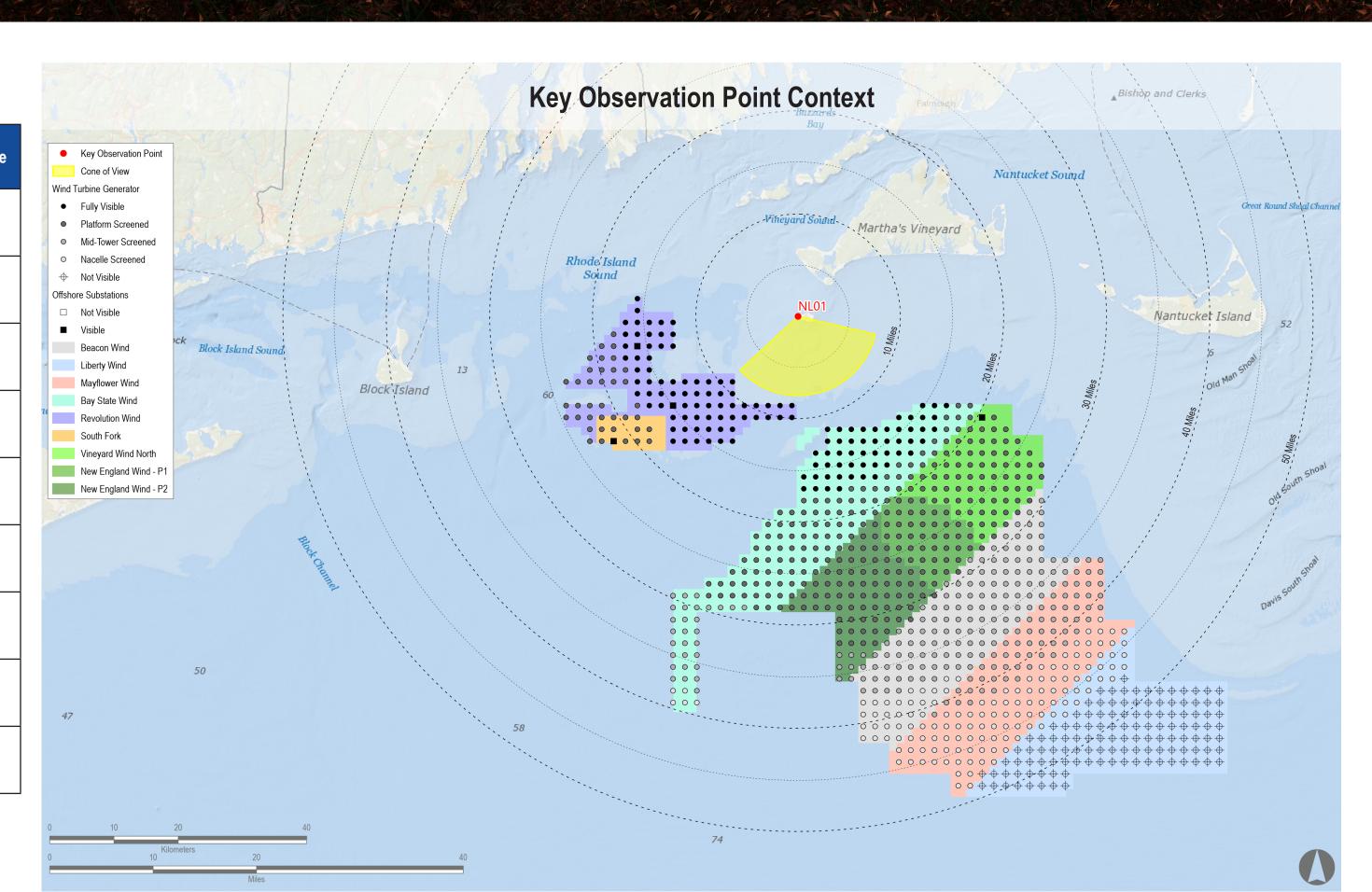
Wind Speed: NA

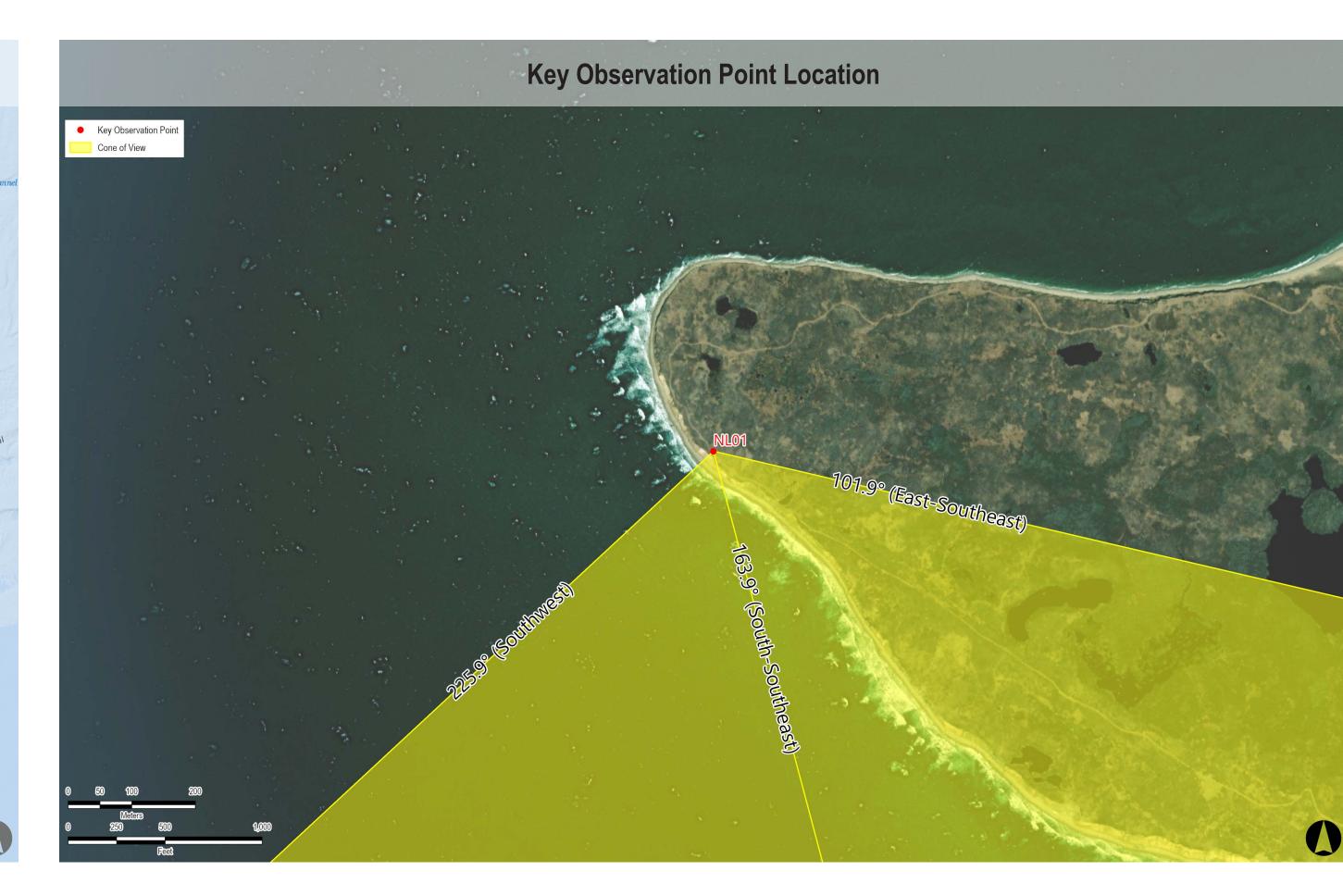
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Reasonably Foreseeable Projects Represented in Visual Simulation

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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





Simulation Size: 64" in width by 29.3" in height. Images

This box should be exactly 1" long on the printed



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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

Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA Humidity: NA Visibility: >10 miles Wind Direction: NA

Conditions Simulated: Clear **Virtual Camera Information** Lens Focal Length: 50 mm Camera Height: 42.1 feet AMSL

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:

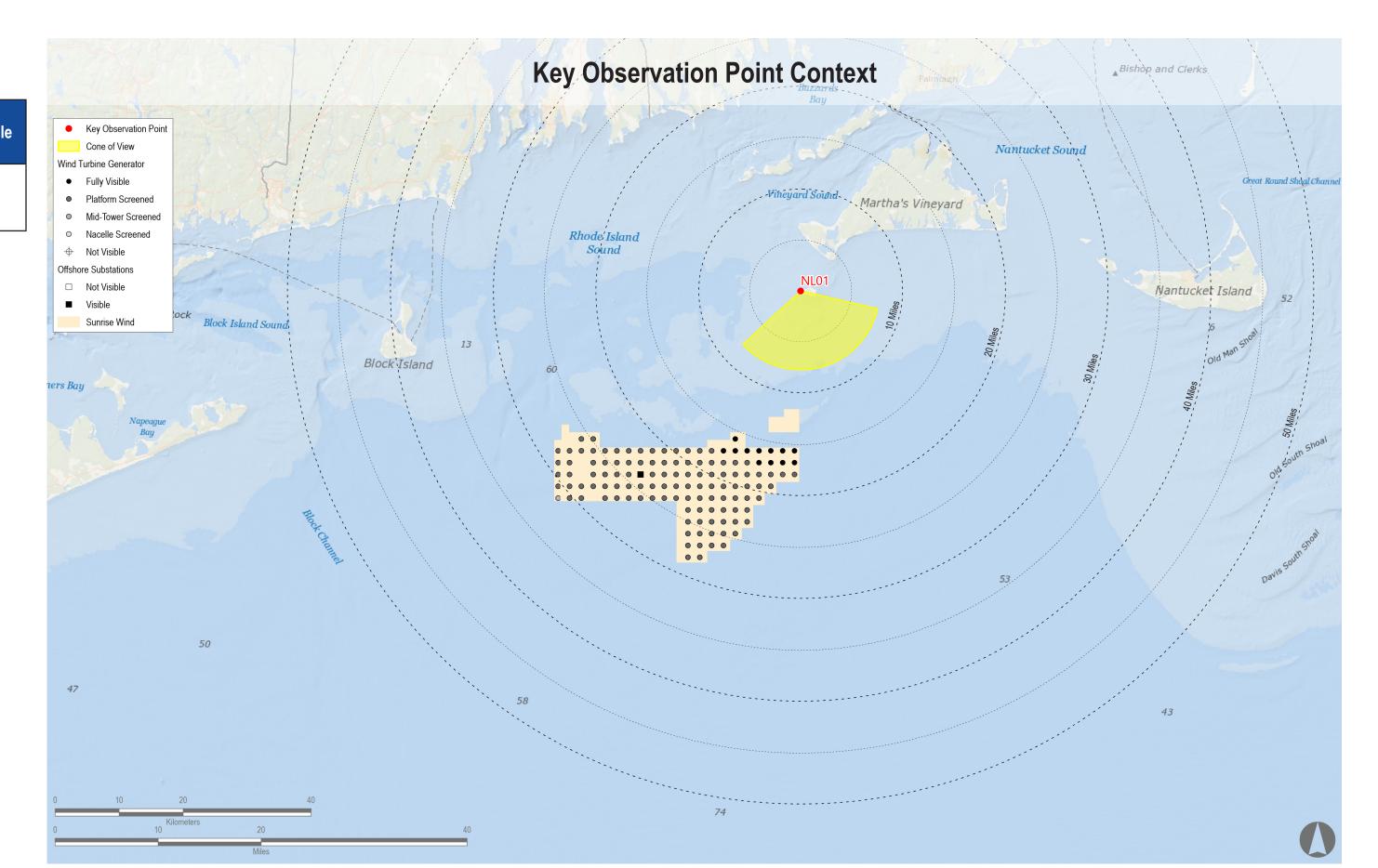
Wind Speed: NA

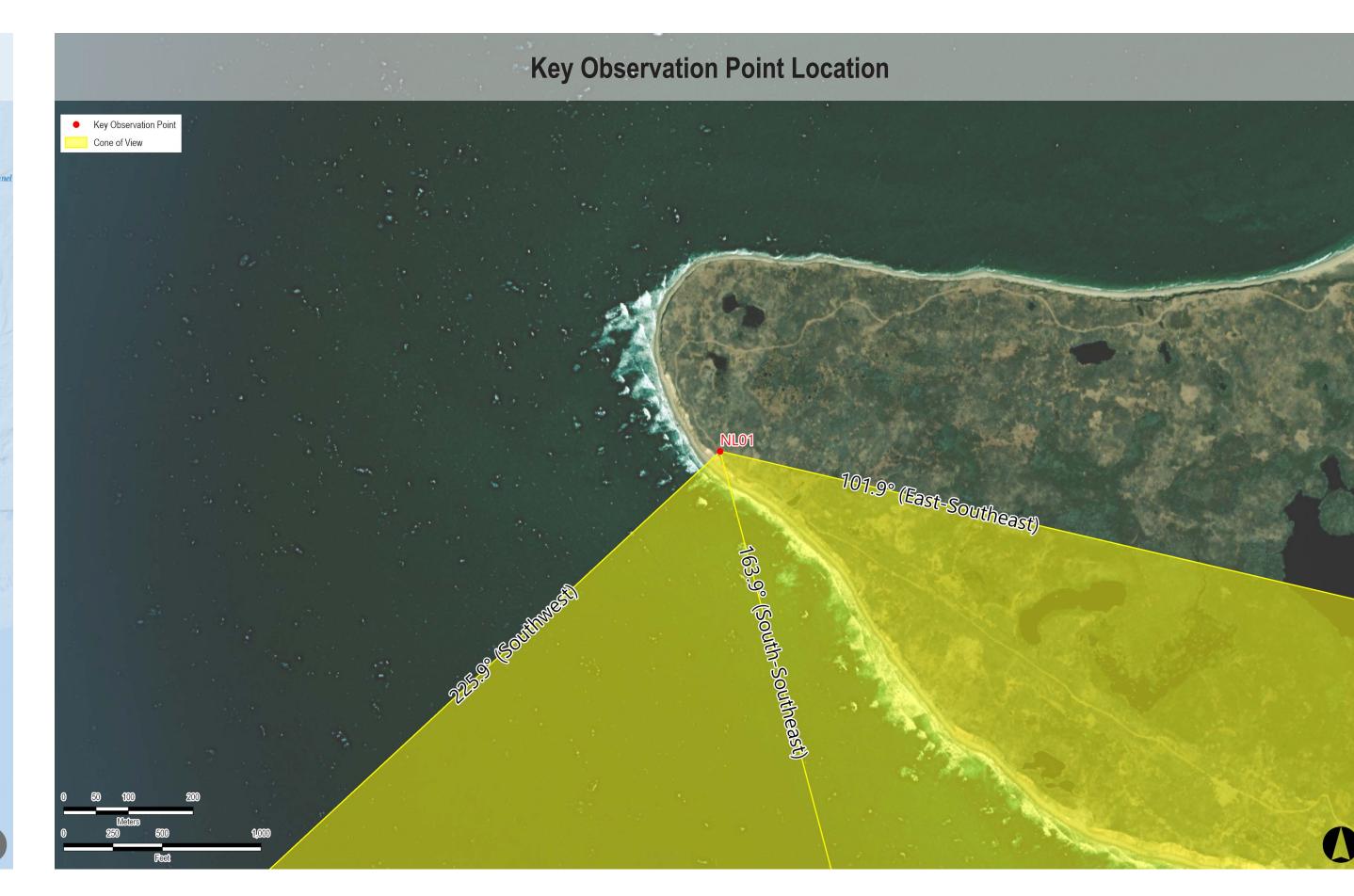
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum
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

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.

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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







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Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, Massachusetts

Existing Conditions

Notes:

Environmental Data Date Simulated: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA Humidity: NA

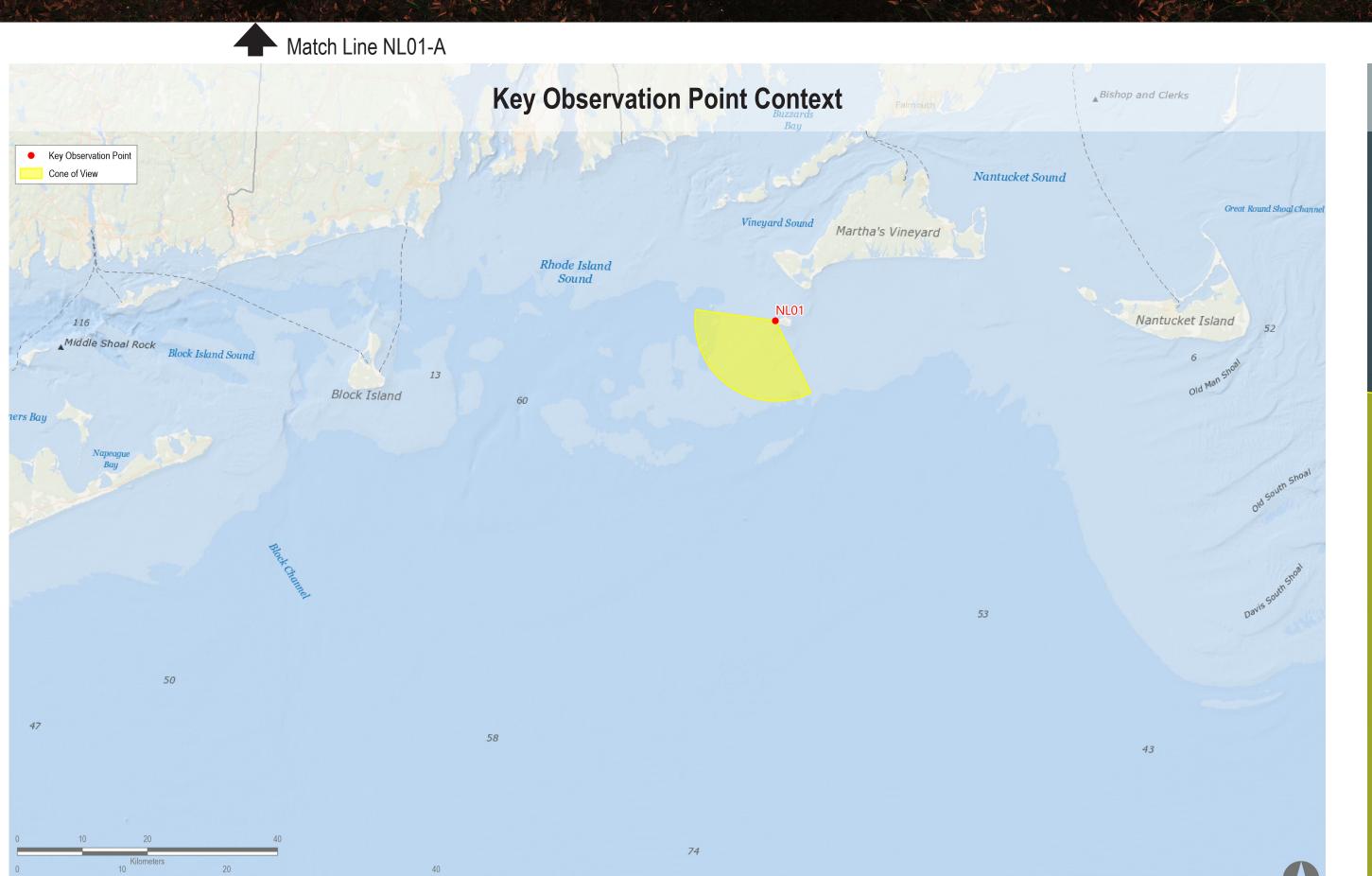
Visibility: >10 miles Wind Direction: NA Wind Speed: NA Conditions Simulated: Clear

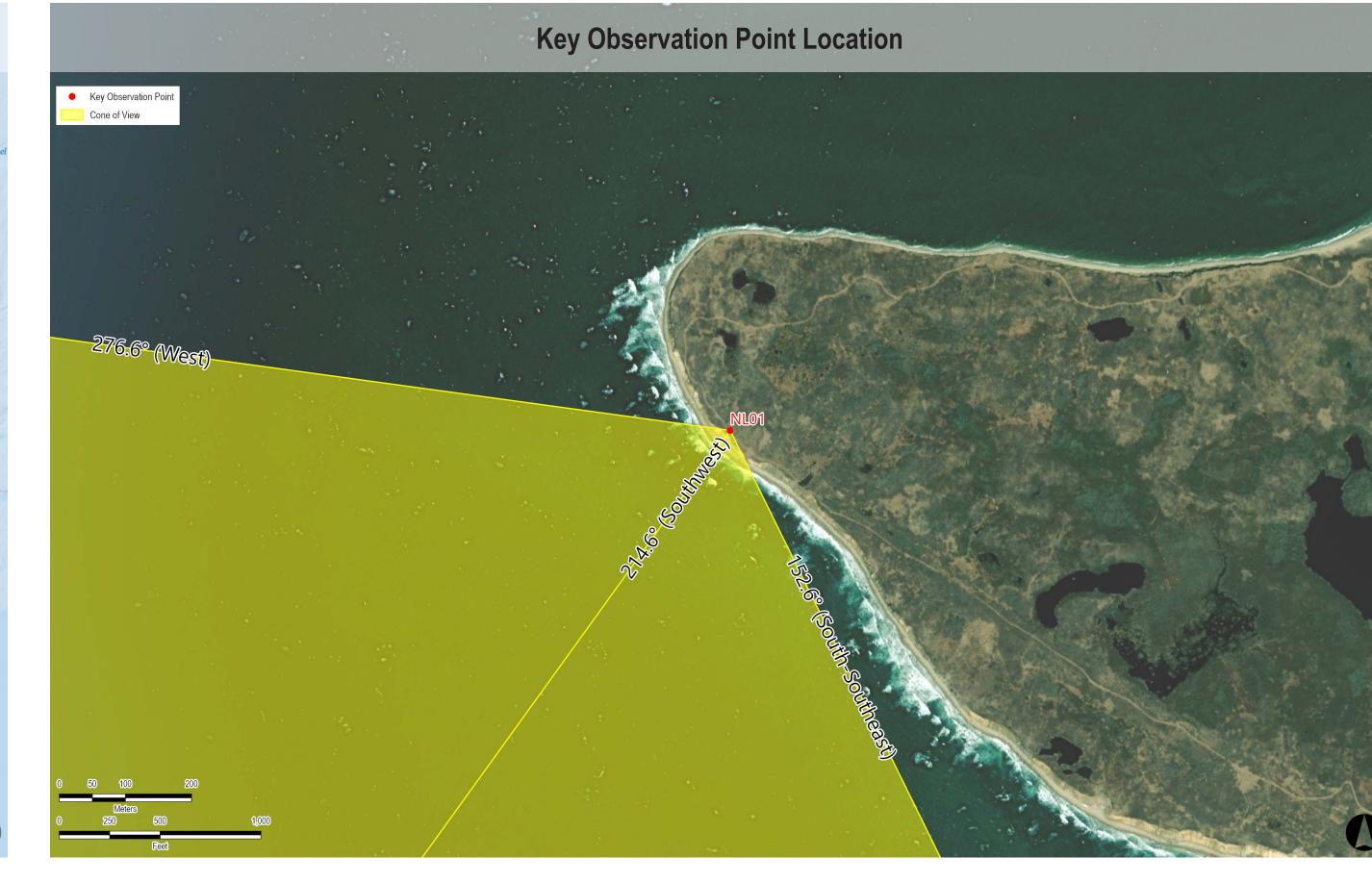
Virtual Camera Information Lens Focal Length: 50 mm Camera Height: 42.1 feet AMSL **Key Observation Point Information** County: Dukes

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°

- 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
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Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: No Access Aesthetic Resource: Nomans Land Island National Wildlife Refuge • Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective. structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography. Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification. • Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of • The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric WTG, this degree of atmospheric perspective is not applied to the photosimulations.









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)**

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

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

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

Conditions Simulated: Clear

Wind Speed: NA

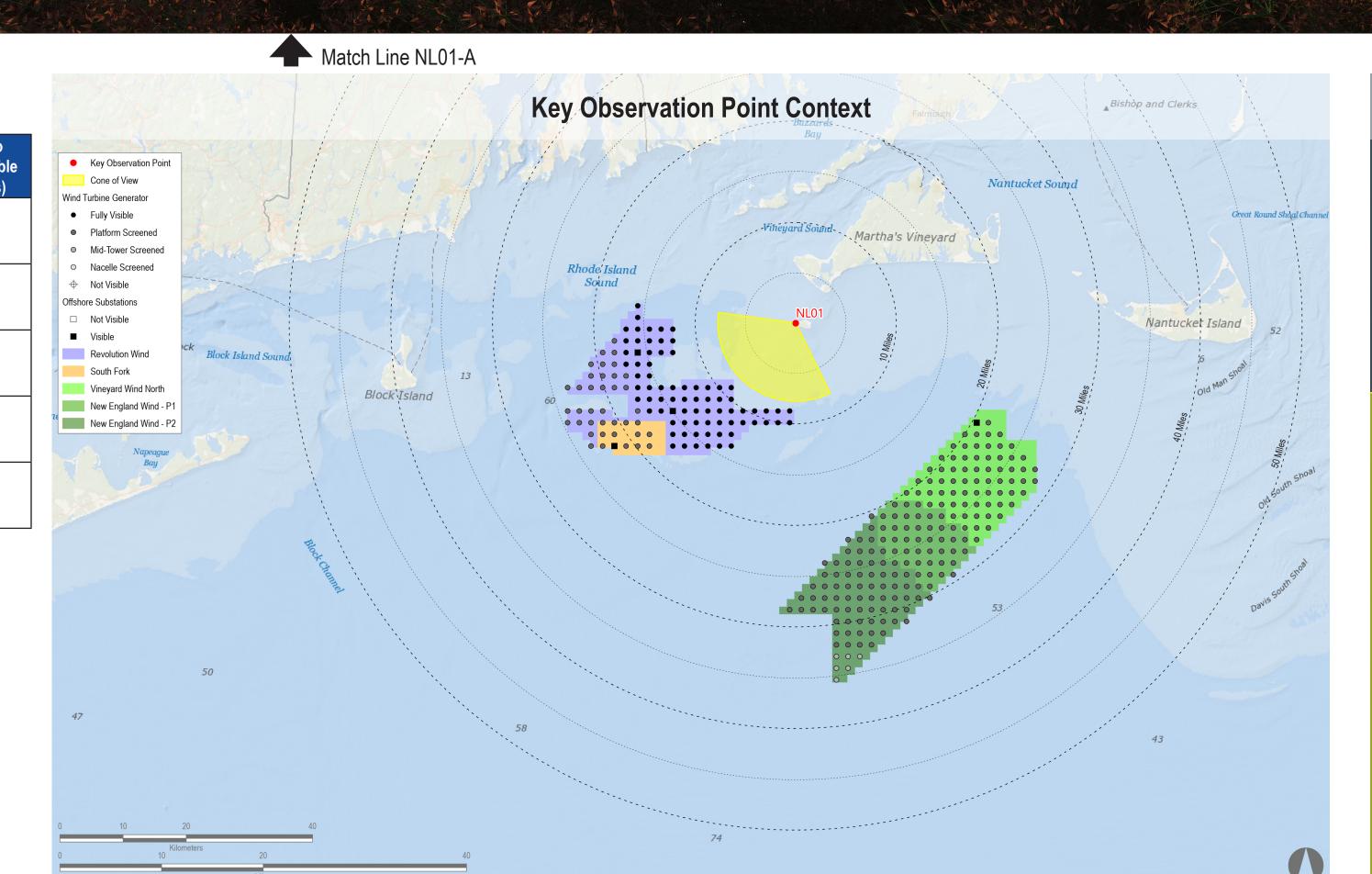
Key Observation Point Information

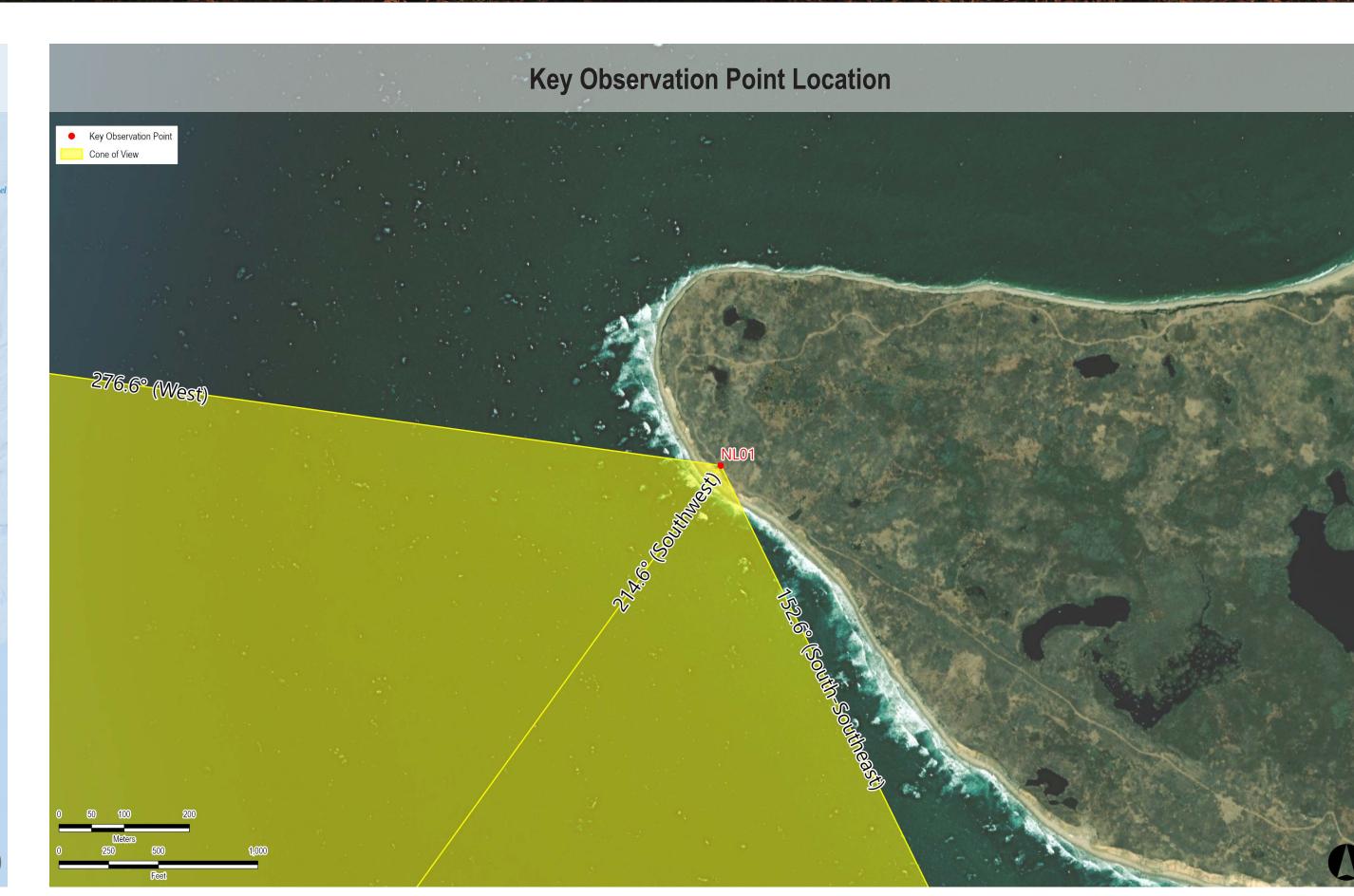
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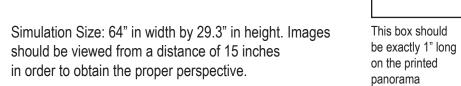
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Appendix A: Sunrise Wind Cumulative Visual Simulations

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)

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Conditions Simulated: Clear

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°

Virtual Camera Information Lens Focal Length: 50 mm Camera Height: 42.1 feet AMSL **Visual Resources** Landscape Similarity Zone: Coastal Bluff User Group: No Access Aesthetic Resource: Nomans Land Island National Wildlife Refuge

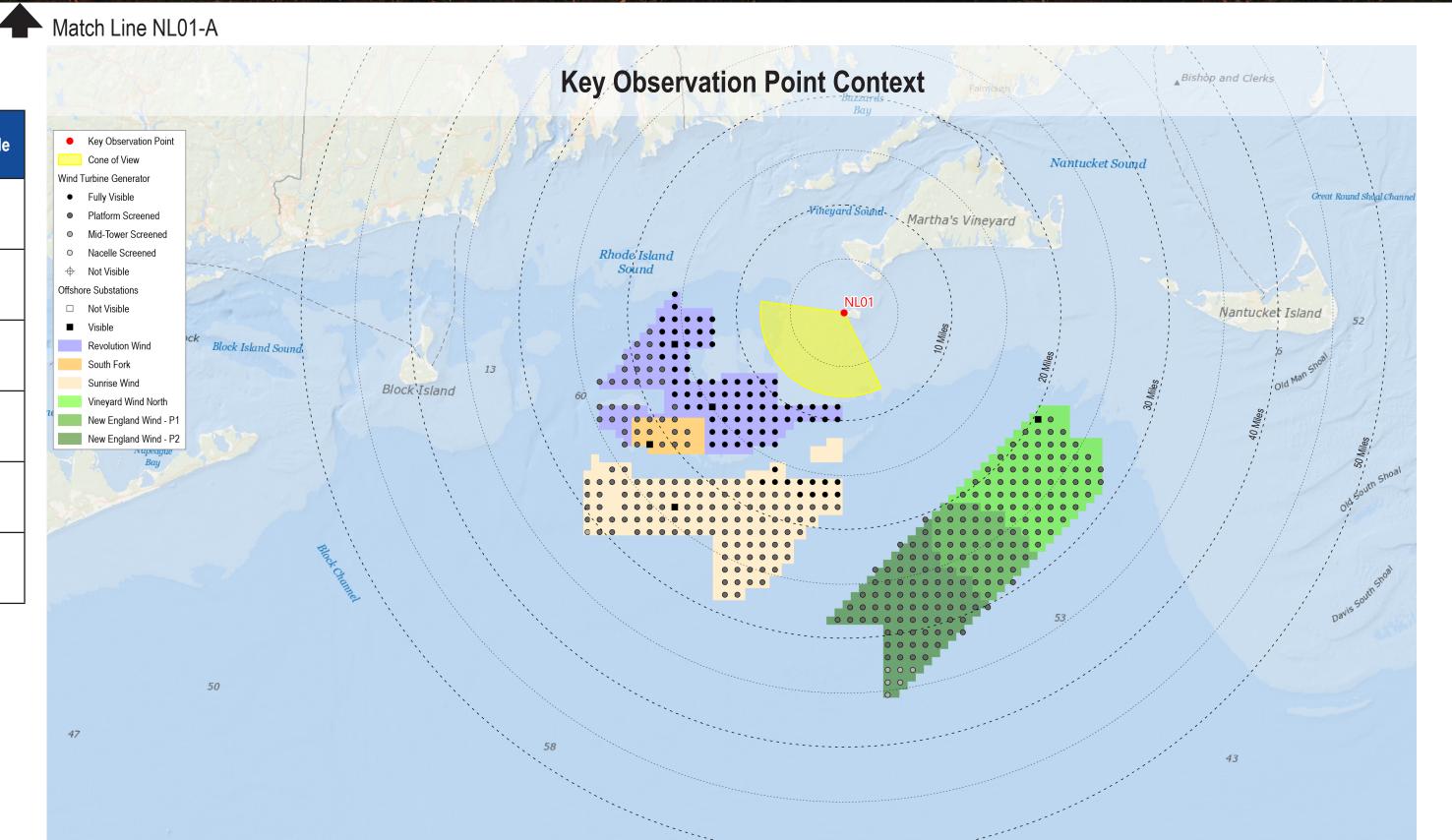
Wind Speed: NA

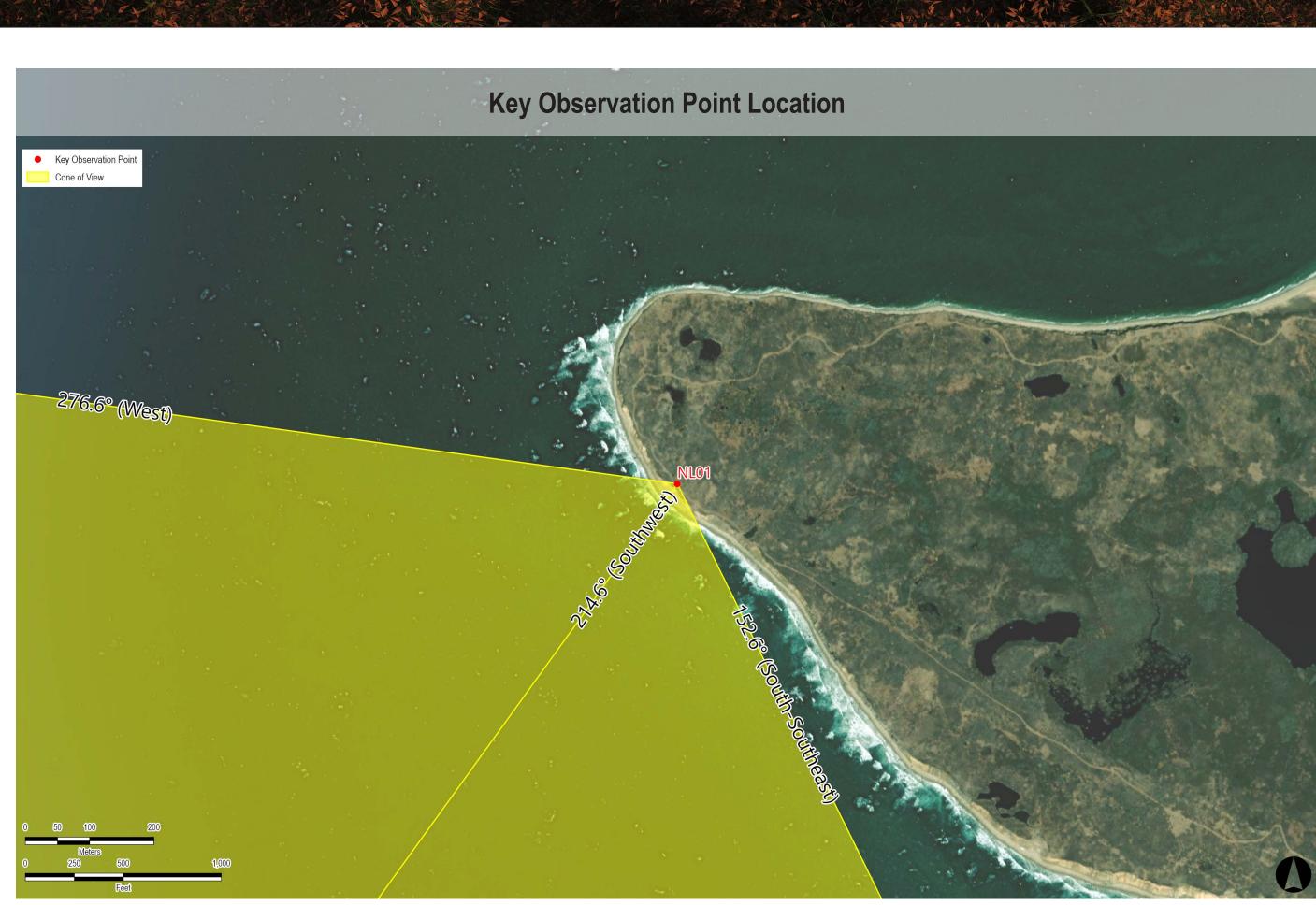
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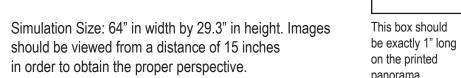
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Appendix A: Sunrise Wind Cumulative Visual Simulations

NL01-B Sunset: Nomans Land Island NWR, Chilmark, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Virtual Camera Information Lens Focal Length: 50 mm

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

Conditions Simulated: Clear

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°

Camera Height: 42.1 feet AMSL

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

Notes:

Wind Speed: NA

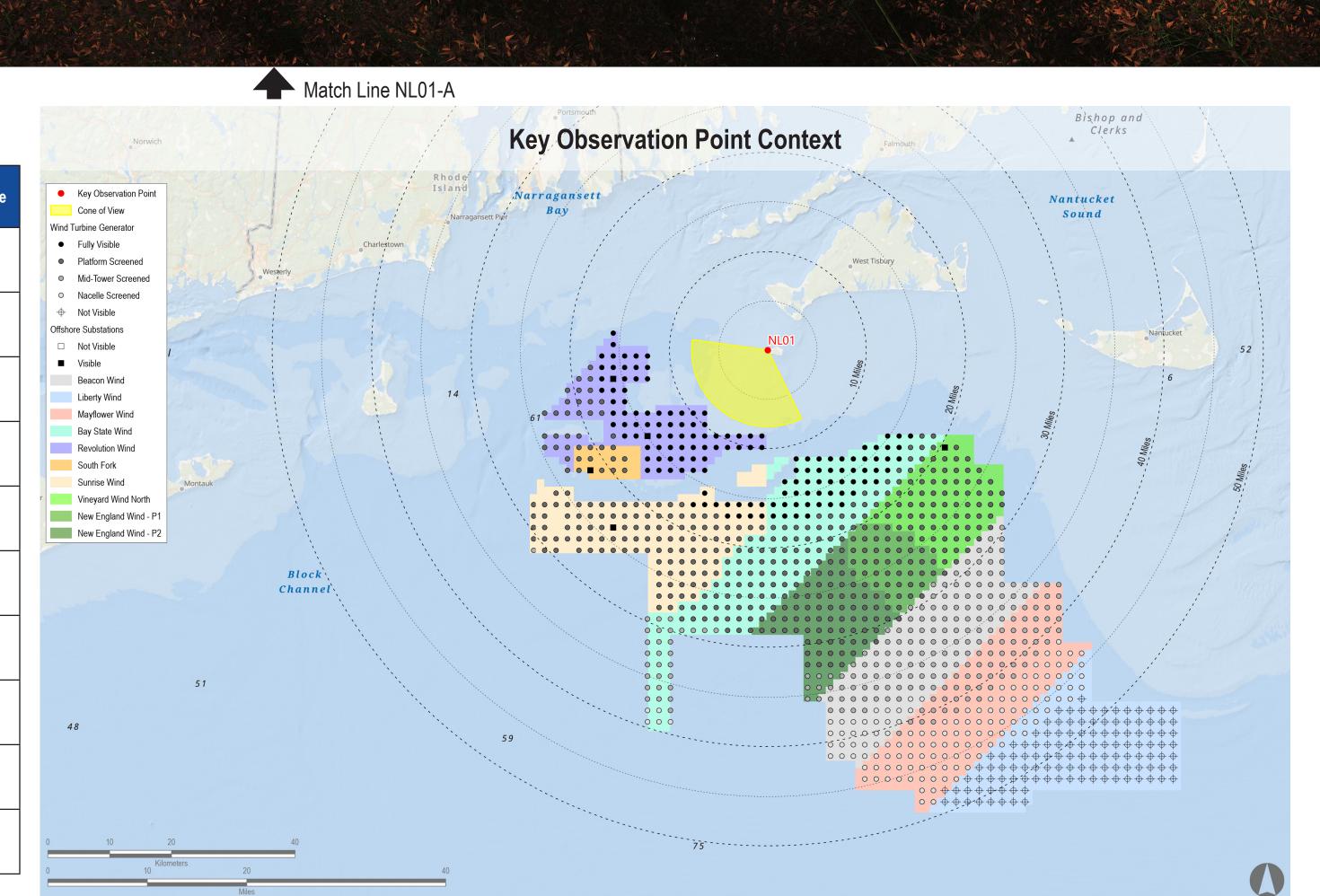
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography.

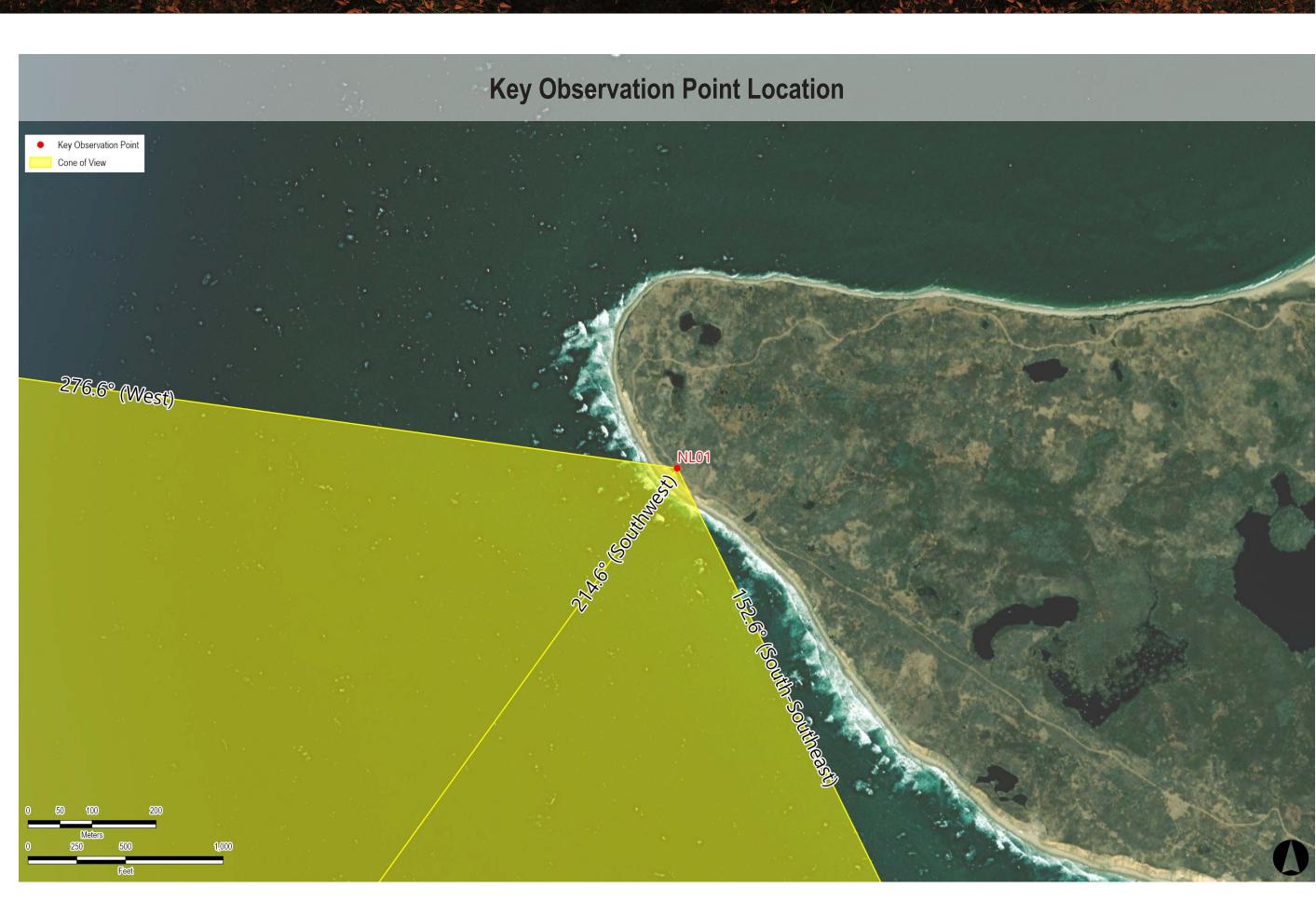
Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of

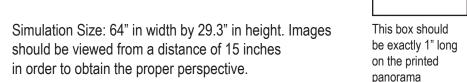
Photographs were not obtained from NL01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual

- 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.
- 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.

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











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

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Virtual Camera Information Lens Focal Length: 50 mm

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

Conditions Simulated: Clear

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°

Camera Height: 42.1 feet AMSL

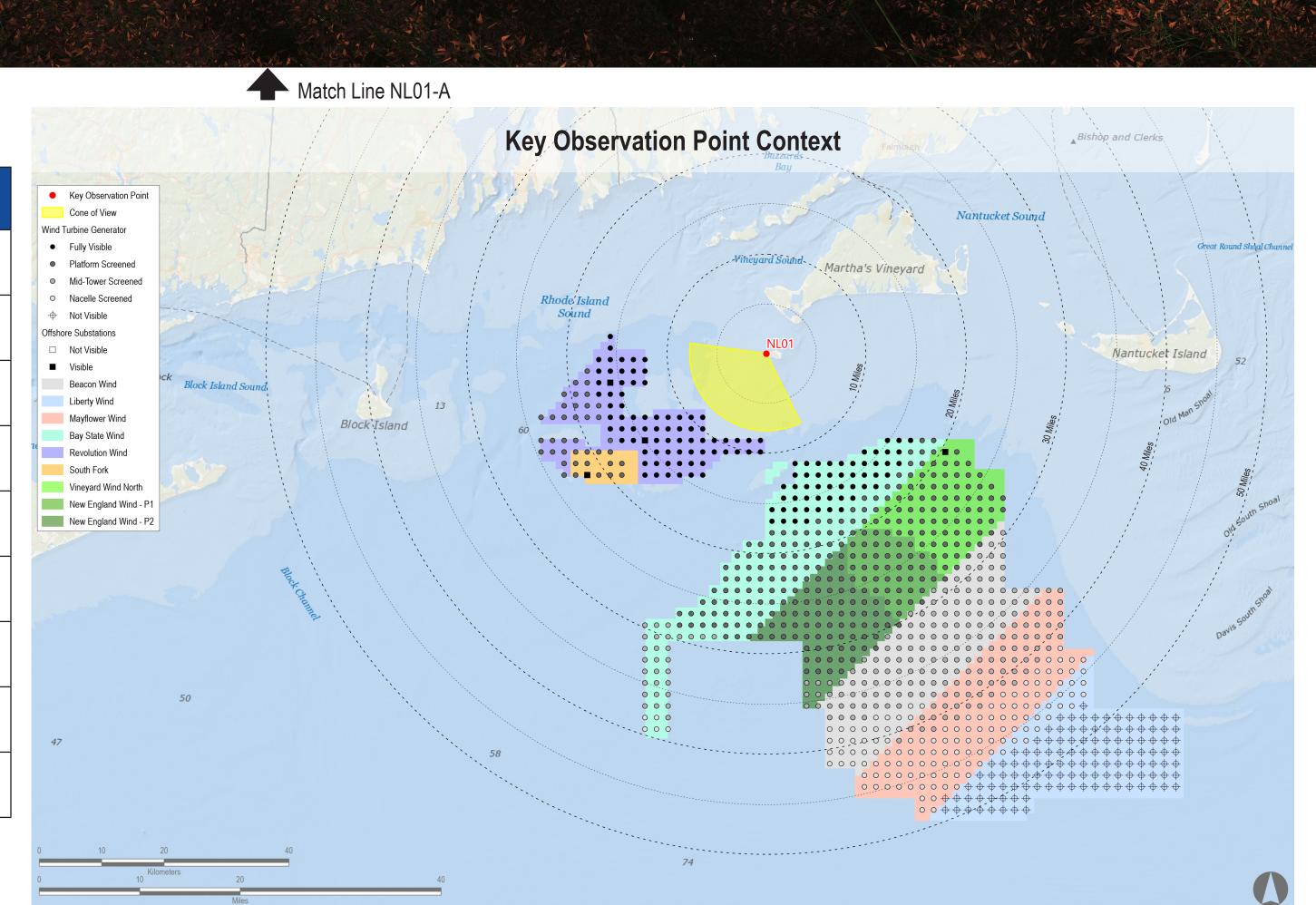
Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: No Access Aesthetic Resource: Nomans Land Island National Wildlife Refuge

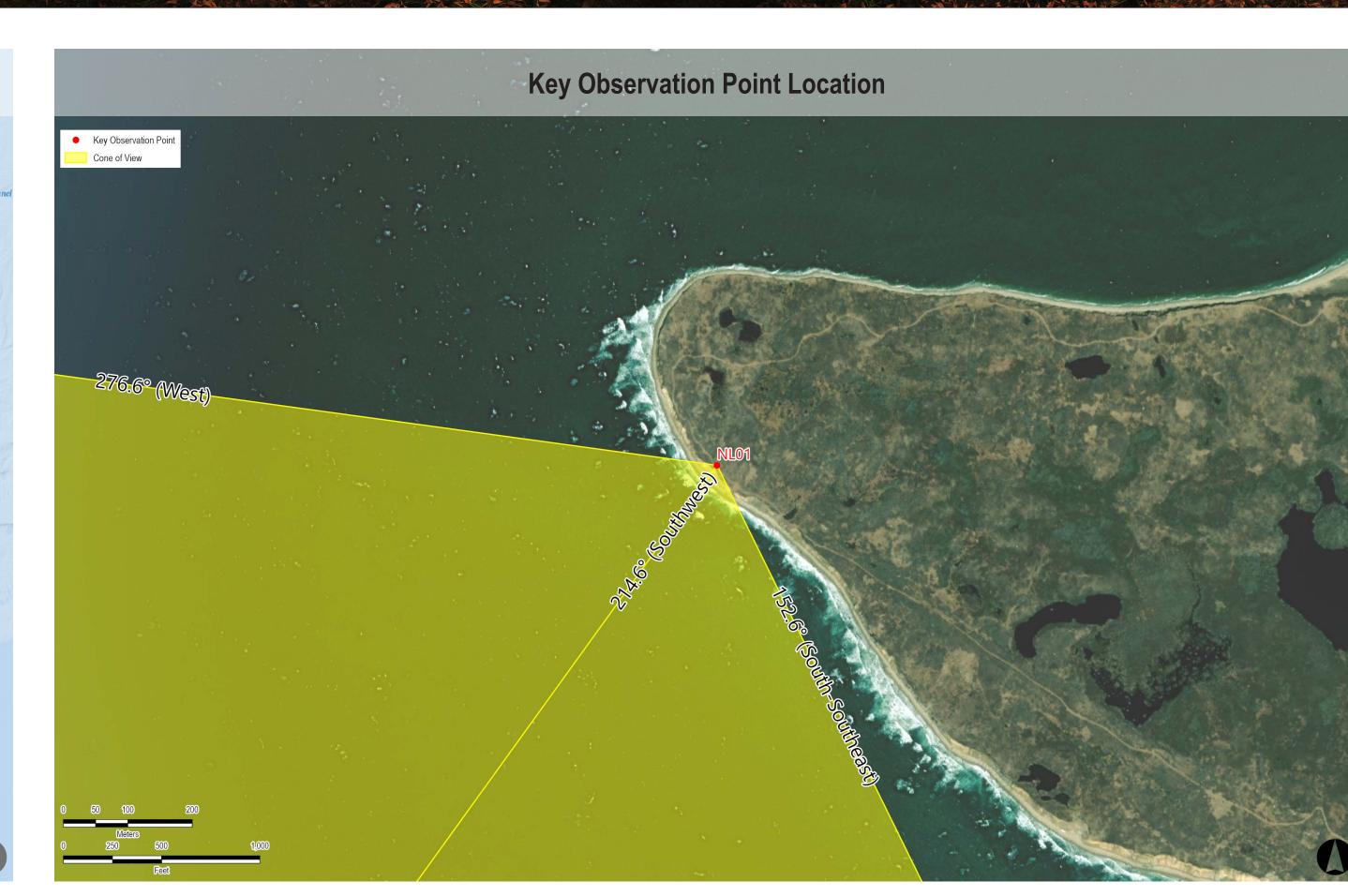
Notes:

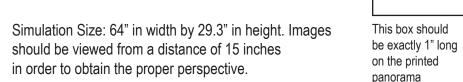
Wind Speed: NA

- 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
- 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

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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









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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

Environmental Data Date Simulated*: 12/12/2017 Time Simulated: 4:00 PM Temperature: NA **Humidity:** NA Visibility: >10 miles Wind Direction: NA

Virtual Camera Information Lens Focal Length: 50 mm

Conditions Simulated: Clear

Wind Speed: NA

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°

Camera Height: 42.1 feet AMSL

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

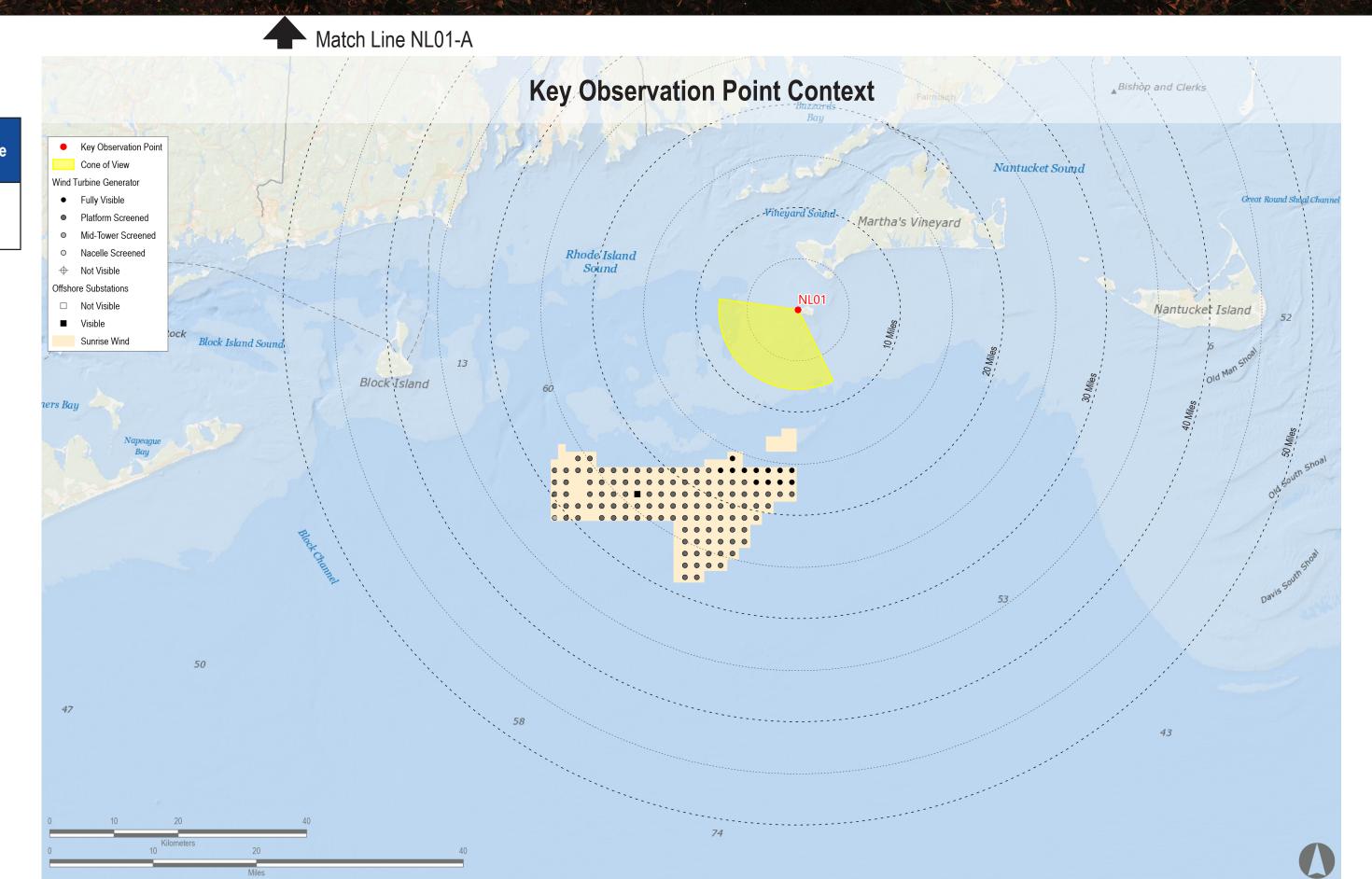
Notes:

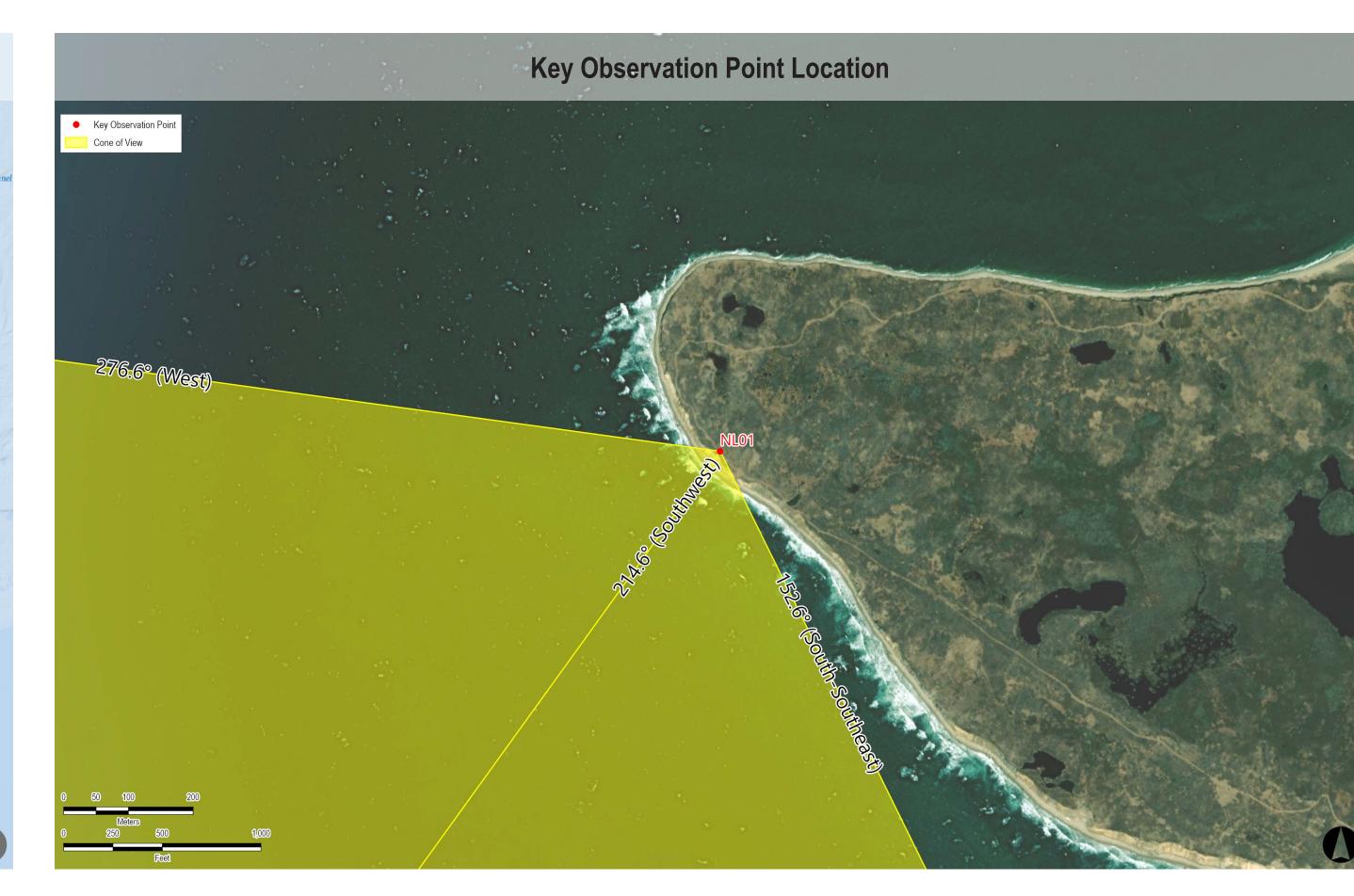
- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure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

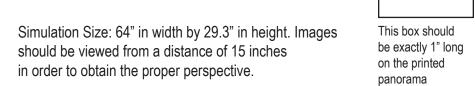
• The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric

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

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









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Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Existing Conditions

Camera Information

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

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

Conditions Observed: Partly Cloudy

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

Notes:

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**

Key Observation Point Information

County: Washington

Town: Narragansett

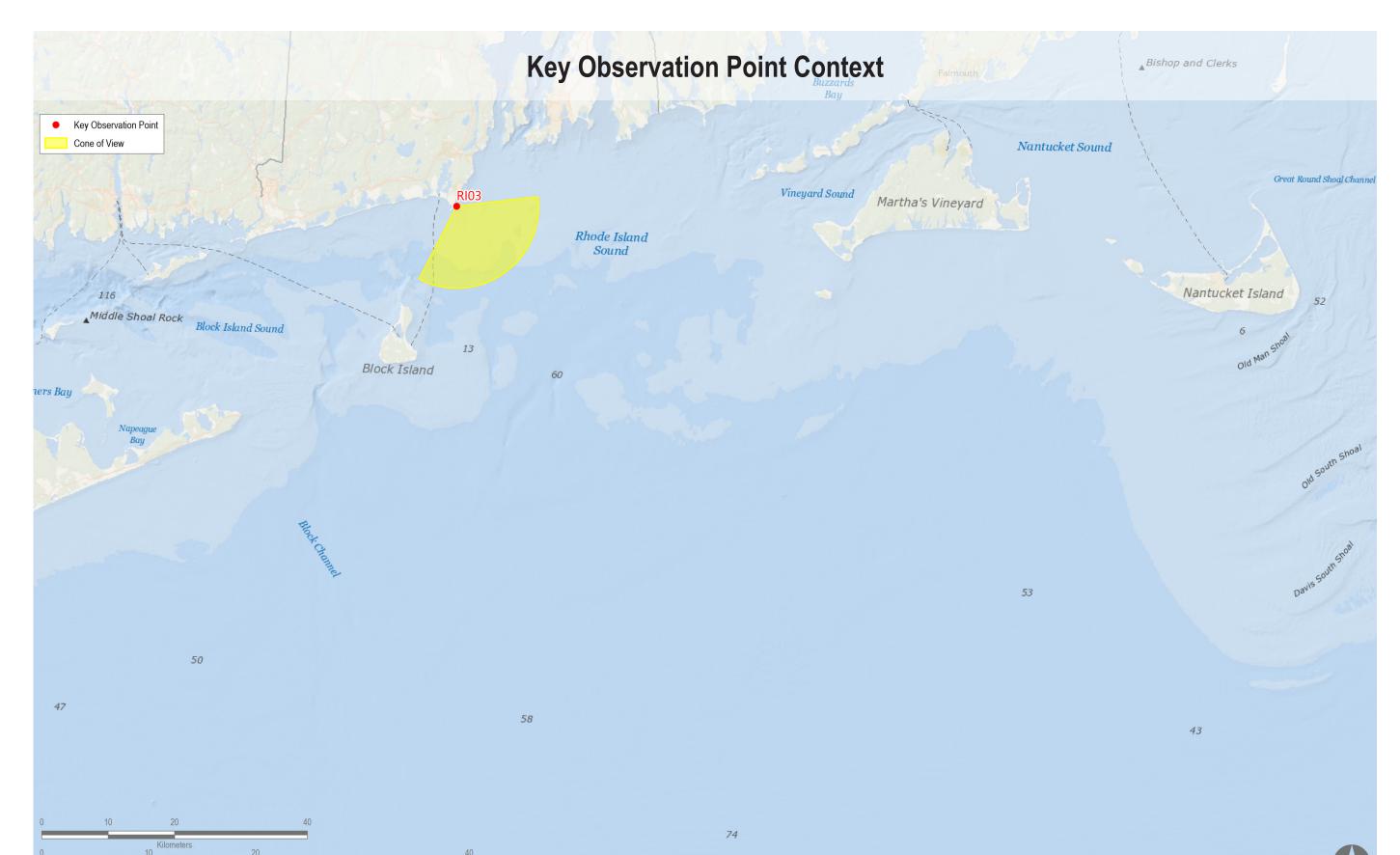
State: Rhode Island

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

- 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

• 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







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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)**

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°

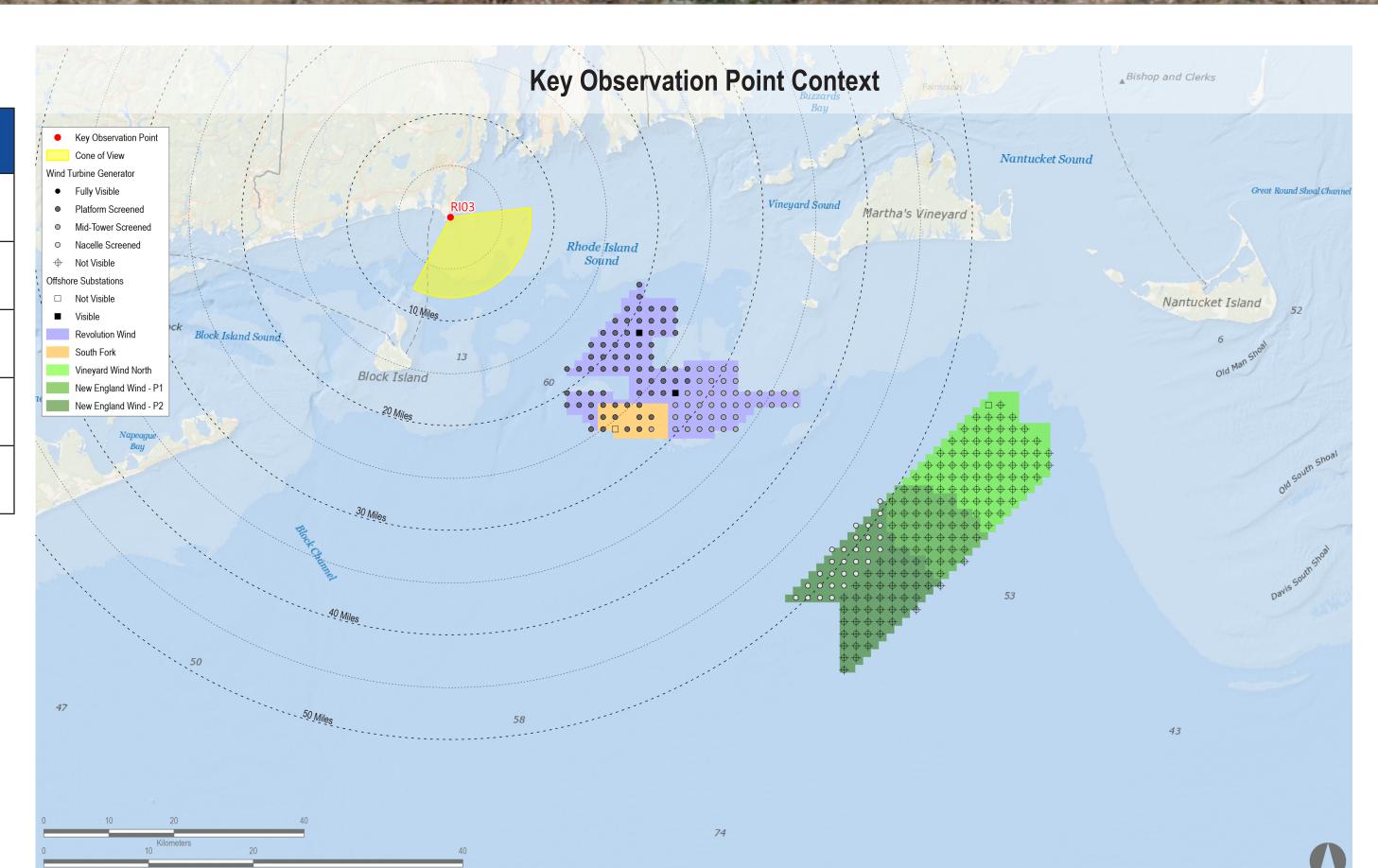
Visual Resources Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- 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.
- 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

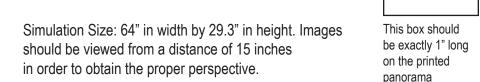
• Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of

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

Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
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









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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)

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

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

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°

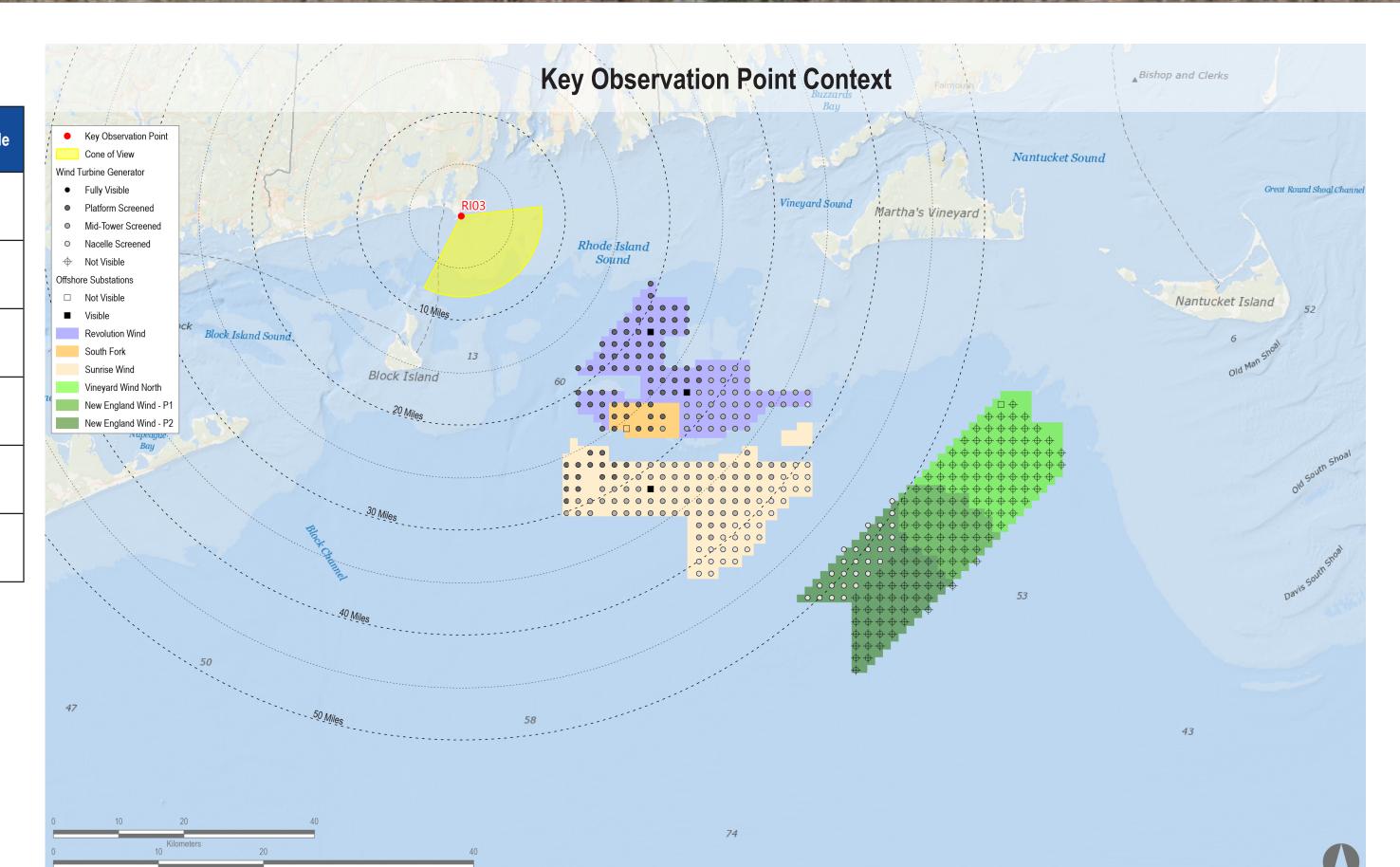
Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

- Photosimulation Size: 64" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography.

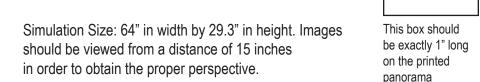
• The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric

- 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
- 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

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









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Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Full Lease Build-out Including Sunrise Wind

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

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

Notes:

Key Observation Point Information County: Washington Town: Narragansett State: Rhode Island Location: Aquidneck Island

Latitude, Longitude: 41.36309° N, 71.48100° W

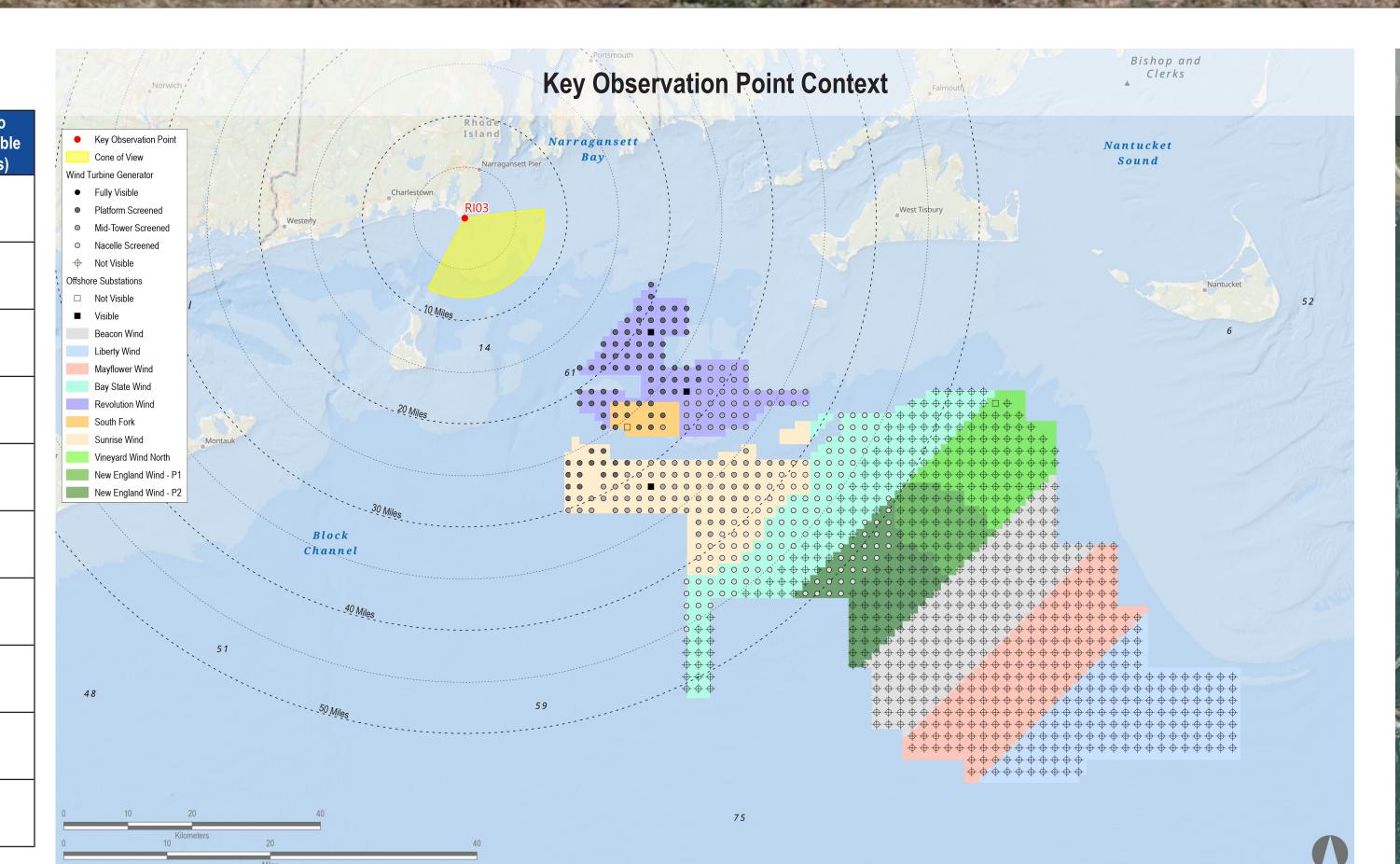
Direction of View (Center): Southeast (143.7°)

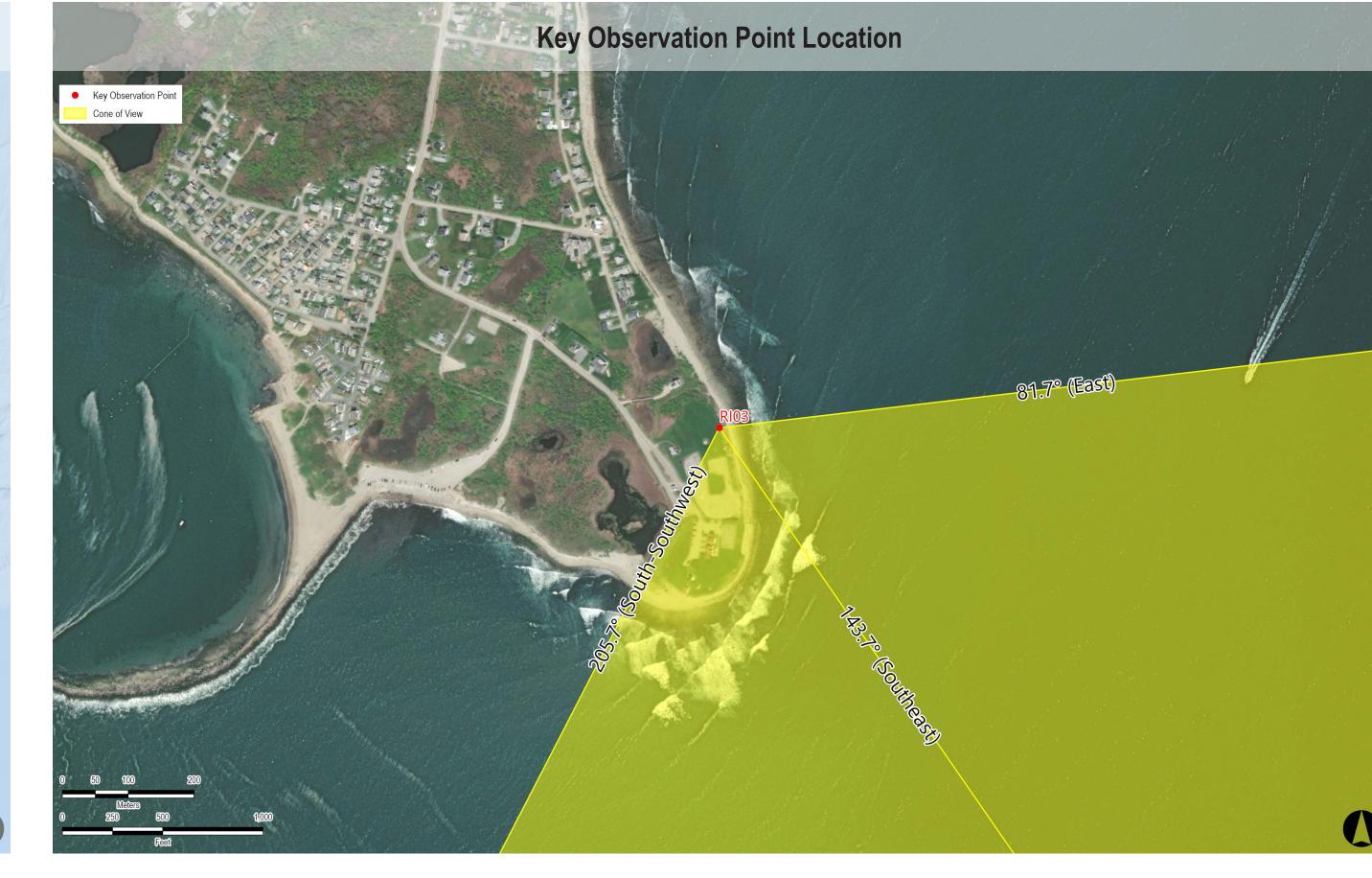
Field of View: 124° x 55°

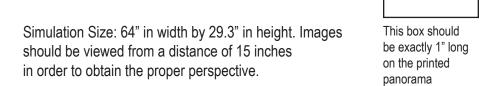
Visual Resources Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

- 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
- 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

Project	Year of Development	WTG Model	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









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Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

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

Camera Information

Conditions Observed: Partly Cloudy

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

Key Observation Point Information County: Washington

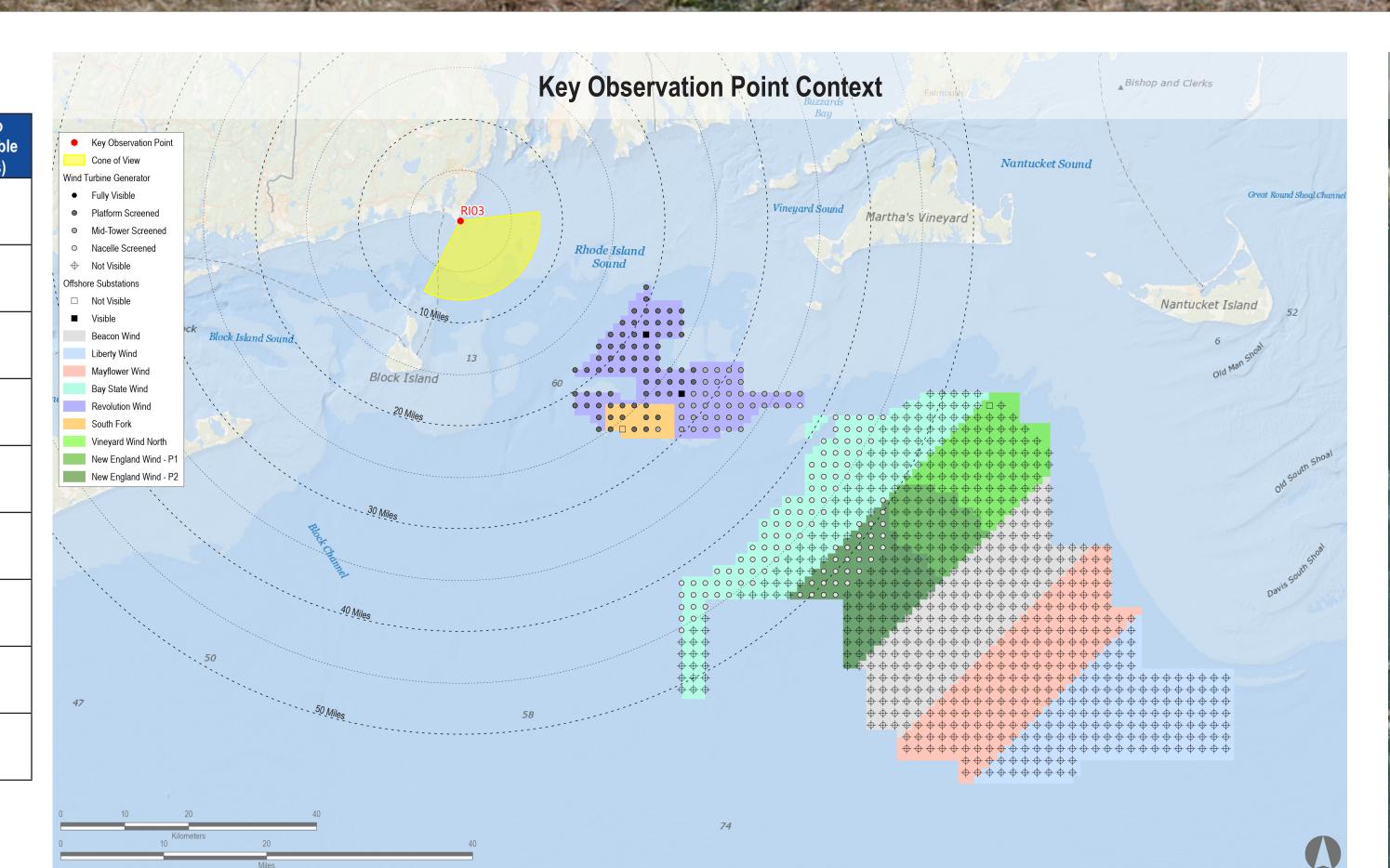
Town: Narragansett State: Rhode Island Location: Aquidneck Island Latitude, Longitude: 41.36309° N, 71.48100° W Direction of View (Center): Southeast (143.7°) Field of View: 124° x 55°

Visual Resources

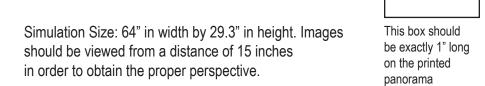
Landscape Similarity Zone: Maintained Recreation Area User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: National Register Historic Site, Point Judith State Scenic Area

- 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
- 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.

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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









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Appendix A: Sunrise Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Environmental Data Date Taken: 8/3/2017 **Time:** 12:34 PM Temperature: 77°F

County: Washington Town: Narragansett State: Rhode Island Humidity: 79% Location: Aquidneck Island Visibility: >10 miles Latitude, Longitude: 41.36309° N, 71.48100° W Wind Direction: South Direction of View (Center): Southeast (143.7°) Wind Speed: 10 mph Field of View: 124° x 55° 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

Notes:

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

Key Observation Point Information

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

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		

