



Revolution
Wind

Powered by
Ørsted &
Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Existing Conditions

Simulation Size: 66" 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 easy to find 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

Notes:

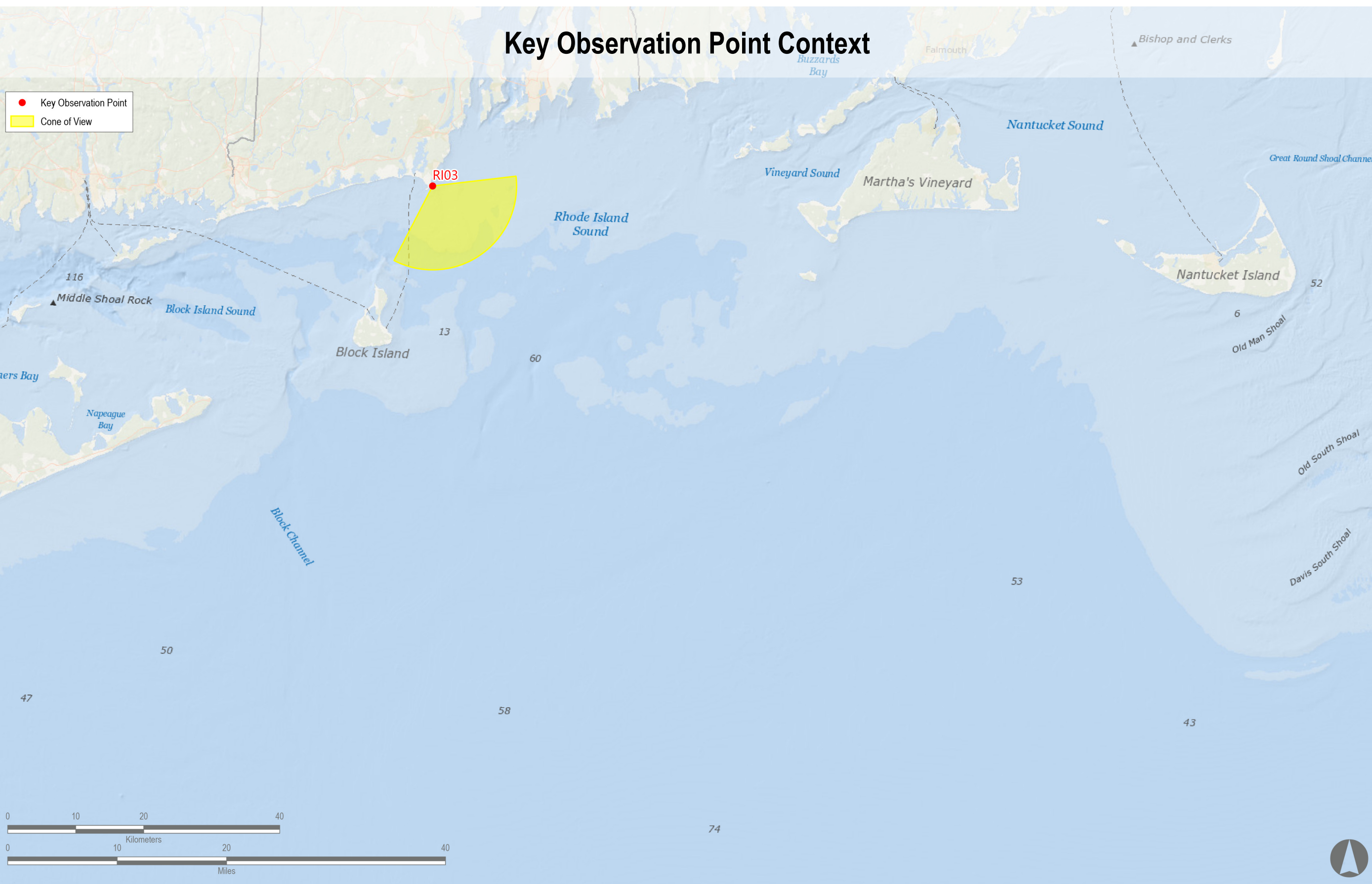
- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography.
- Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available. WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.
- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP USA. 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 N101 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Key Observation Point Information

County: 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





Revolution Wind

Powered byØrsted & Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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

Simulation Size: 66" 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 easily 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

Notes:

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTCs 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, WTCs 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 WTCs associated with the Block Island Wind Farm are 16.9 miles from KOP USA. In the daytime photosimulation, the WTCs 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 WTC, this degree of atmospheric perspective is not applied to the photosimulations.
- Photographs were not obtained from N101 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Key Observation Point Information

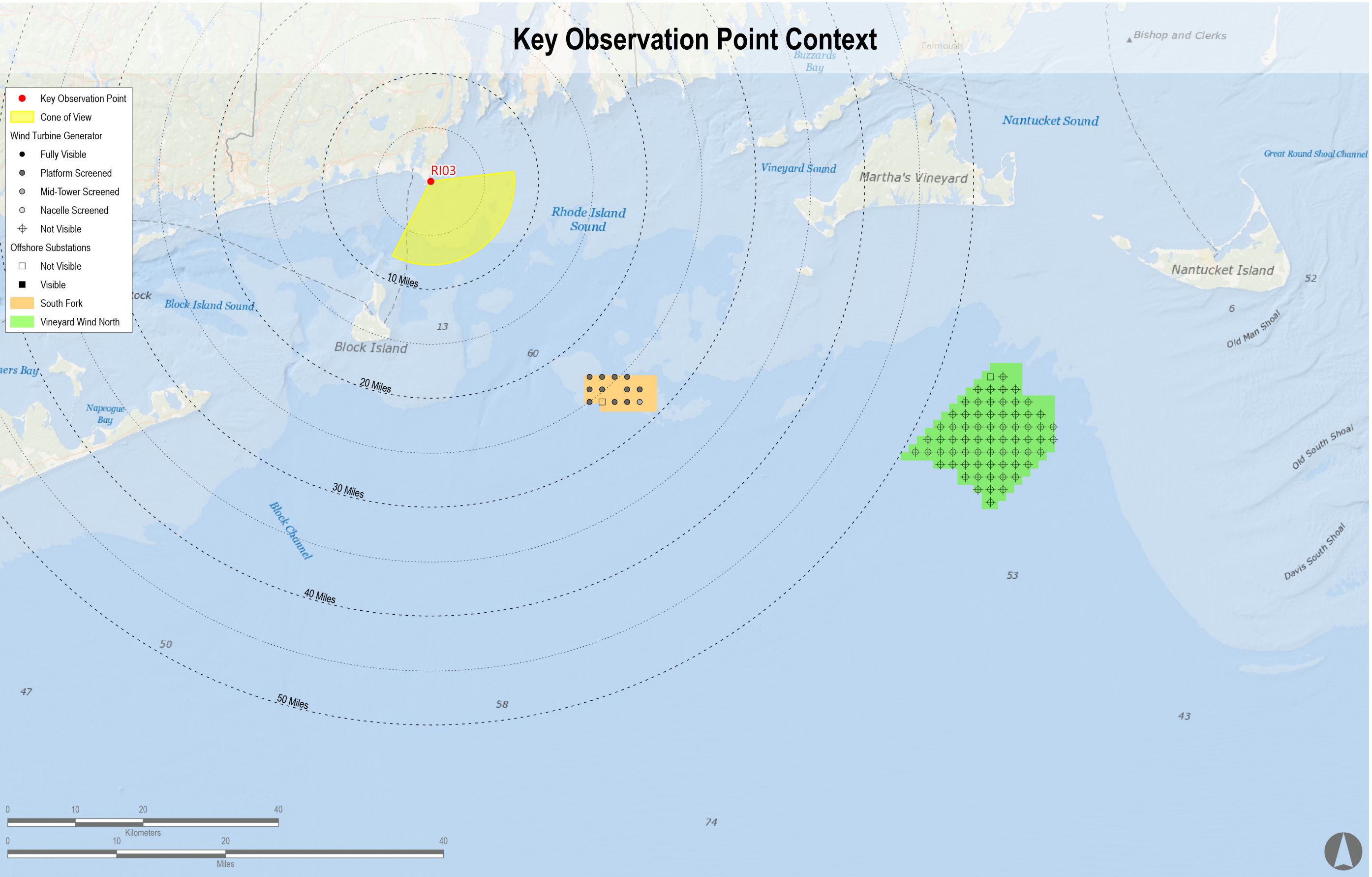
County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

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

Reasonably Foreseeable Projects Represented in Visual Simulation

Project	Year of Development	WTG Model	Potential Number of WTCs & OSSs Visible*	Total Number of WTCs & 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

Powered by Ørsted & Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

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

Simulation Size: 66" 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 easily 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

Notes:

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTCs 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, WTCs 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 WTCs associated with the Block Island Wind Farm are 16.9 miles from KOP USA. In the daytime photosimulation, the WTCs 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 WTC, this degree of atmospheric perspective is not applied to the photosimulations.
- Photographs were not obtained from NLI01 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Key Observation Point Information

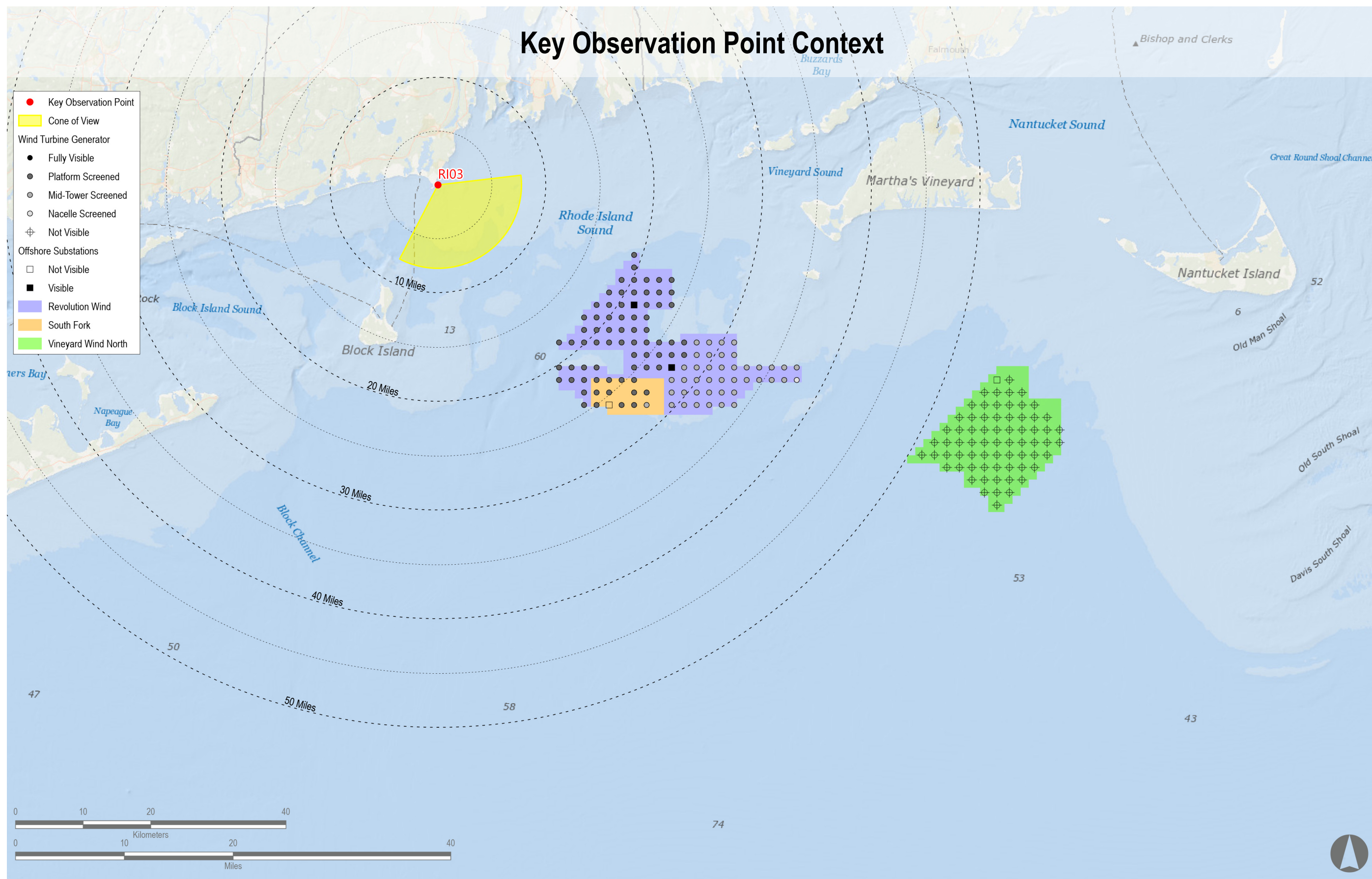
County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

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

Reasonably Foreseeable Projects Represented in Visual Simulation

Project	Year of Development	WTG Model	Potential Number of WTCs & OSSs Visible*	Total Number of WTCs & 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





Revolution Wind

Powered by Ørsted & Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Full Lease Build-out Including Revolution Wind

Simulation Size: 66" 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

Notes:

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view were 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 USA. 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 N101 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Key Observation Point Information

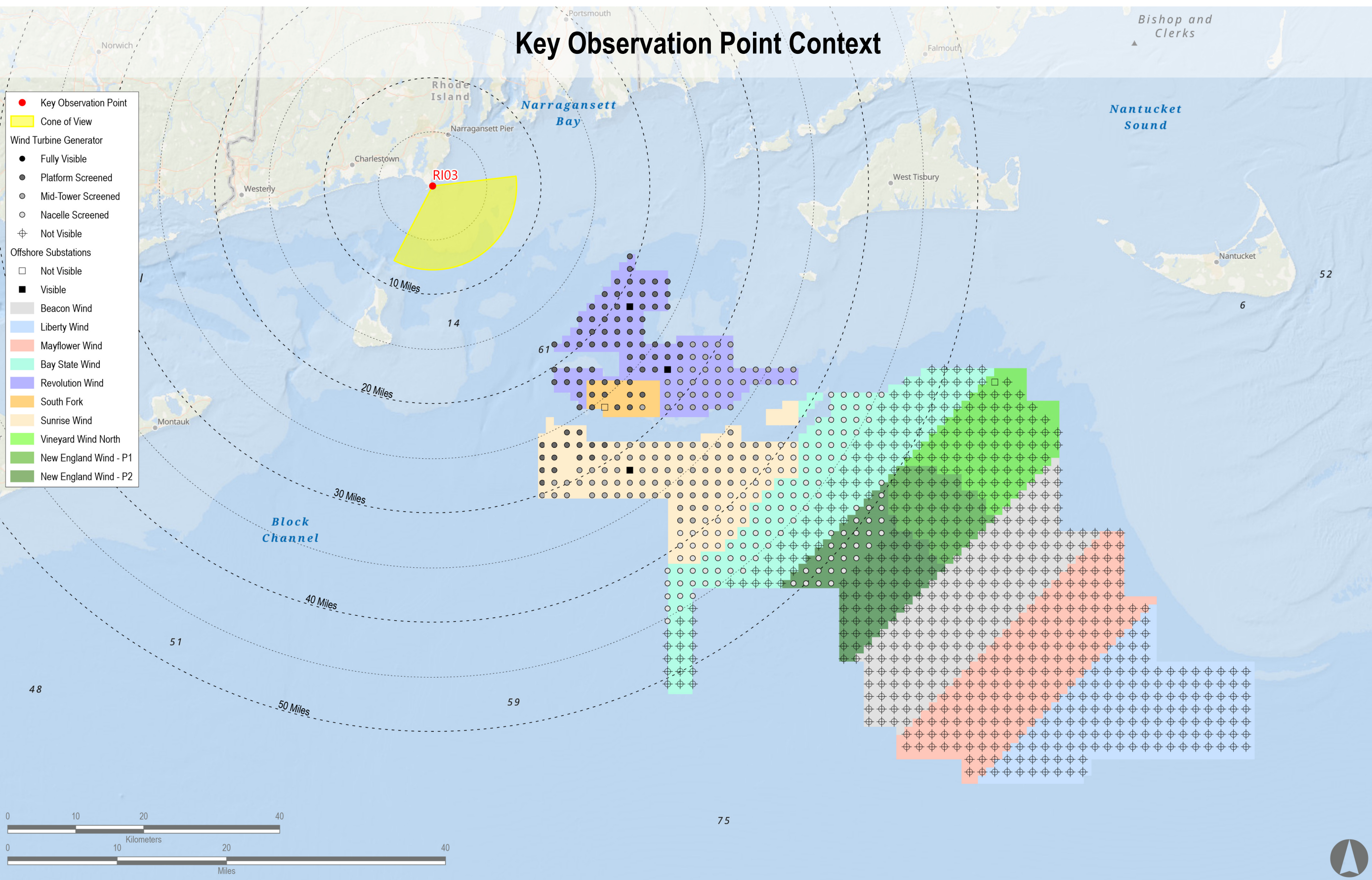
County: Washington
Town: Narragansett
State: Rhode Island
Location: Aquidneck Island
Latitude, Longitude: 41.36309° N, 71.48100° W
Direction of View (Center): Southeast (143.7°)
Field of View: 124° x 55°

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

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





Revolution Wind

Powered byØrsted & Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Full Lease Build-out Excluding Revolution Wind

Simulation Size: 66" 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 easy to line up to 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

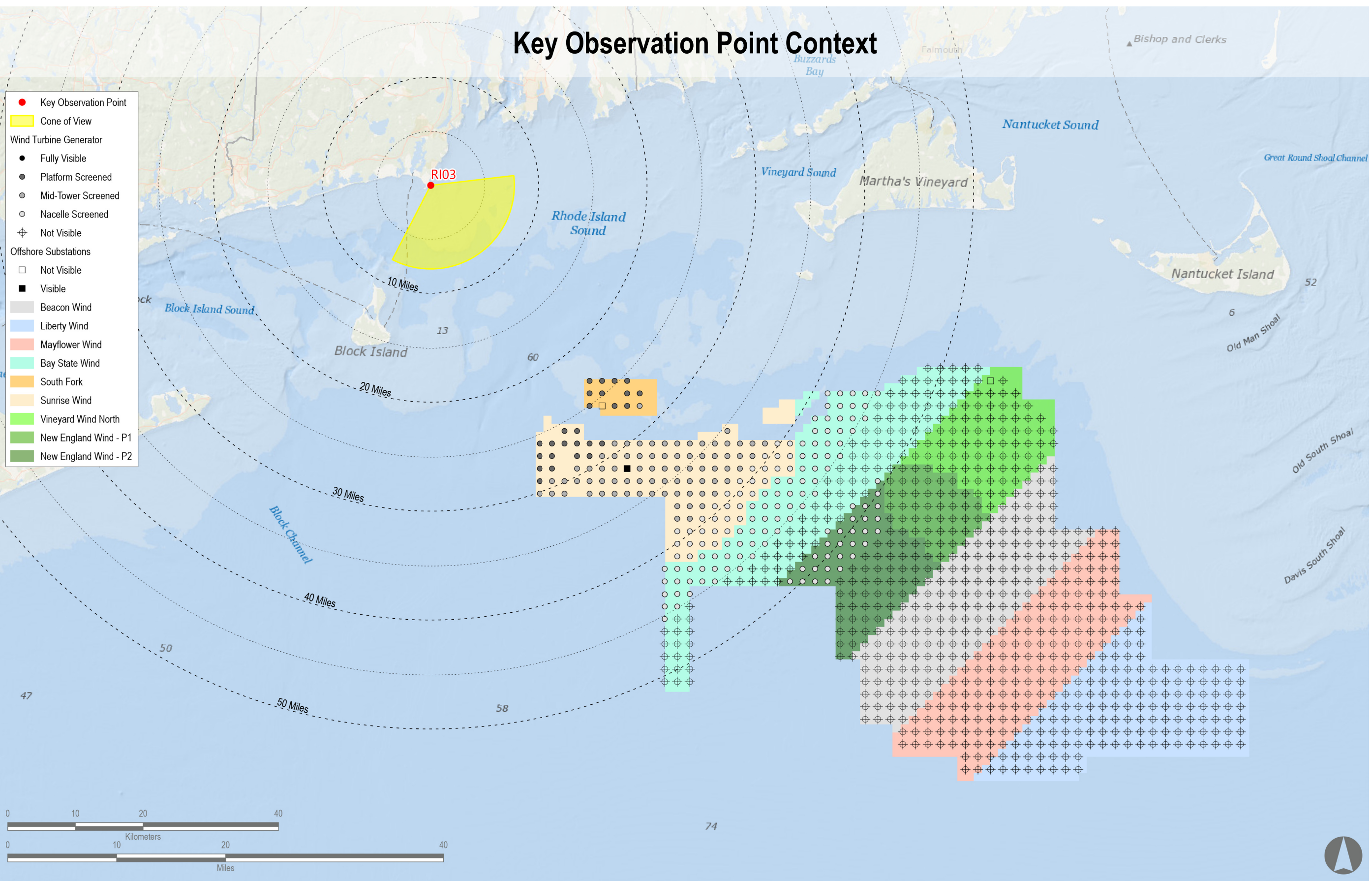
Notes:

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography.
- Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available. WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.
- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP US4. 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 N101 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.

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

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
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





Revolution Wind

Powered byØrsted & Eversource

Appendix A: Revolution Wind Cumulative Visual Simulations

RI03: Point Judith Lighthouse, Narragansett, Rhode Island

Visual Simulation: Revolution Wind Without Other Foreseeable Future Changes

Simulation Size: 66" 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 easily 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

Notes:

- Photosimulation Size: 66" in width by 29.3" in height. Images should be viewed from 15 inches in order to obtain the proper perspective.
- The potential number of WTGs and OSSs screened from view was calculated using a curvature of the earth model based on the distance, viewer height, and maximum structure height. This analysis does not consider the screening effects of intervening vegetation, structures, and topography.
- Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used for all foundation positions, OSS positions and dimensions considered in this photosimulation are subject to potential modification.
- Nighttime photosimulations are digitally adjusted from daytime photographs. Nighttime photographs captured at each represented KOP inform the presence or lack of existing light sources.
- The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP USA. 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 N101 during field review due to public access restrictions. In place of an actual photograph from this location, EDR created a virtual three-dimensional (3D) model of the island.

Key Observation Point Information

County: 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

Reasonably Foreseeable Projects Represented in Visual Simulation

Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
Revolution Wind	2023	12 MW	102	102	18.2	37.5

