

Sunrise

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Appendix A: Sunrise Wind Cumulative Visual Simulations

Cl01: Cuttyhunk Island, Gosnold, Massachusetts

Existing Conditions

Environmental Data Date Taken: 1/18/2018 **Time**: 1:30 PM

Temperature: 25°F Humidity: 88% Visibility: ≯ 0 miles Wind Direction: North-Northwest Wind Speed: 7 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet ANSL Notes:

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

Key Observation Point Information

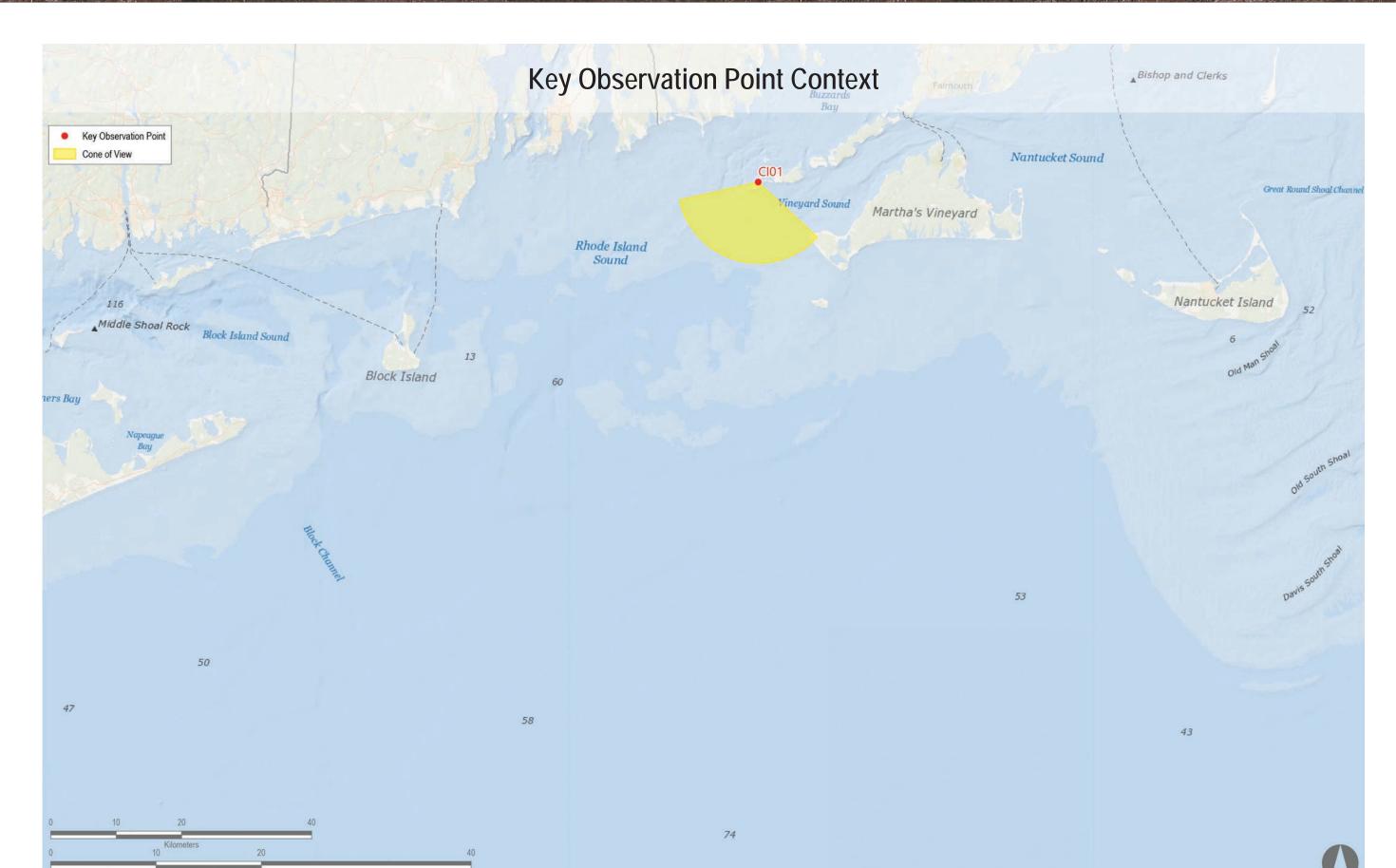
County: Dukes
Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (193.8°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Scrub/Scrub Forest User Group: Local Resident, Tourist Vacationers Aesthetic Resource: Elizabeth Islands State Scenic Area, Buzzards Bay

- 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.

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. 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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Appendix A: Sunrise Wind Cumulative Visual Simulations

Cl01: Cuttyhunk Island, Gosnold, Massachusetts

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

Wind Speed: 7 mph Conditions Observed: Clear Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels

Time: 1:30 PM

Temperature: 25°F

Humidity: 88% Visibility: ≯ 0 miles

Wind Direction: North-Northwest

Lens Focal Length: 50 mm

Camera Height: 151.3 feet AMSL

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

Key Observation Point Information Environmental Data Date Taken: 1/18/2018

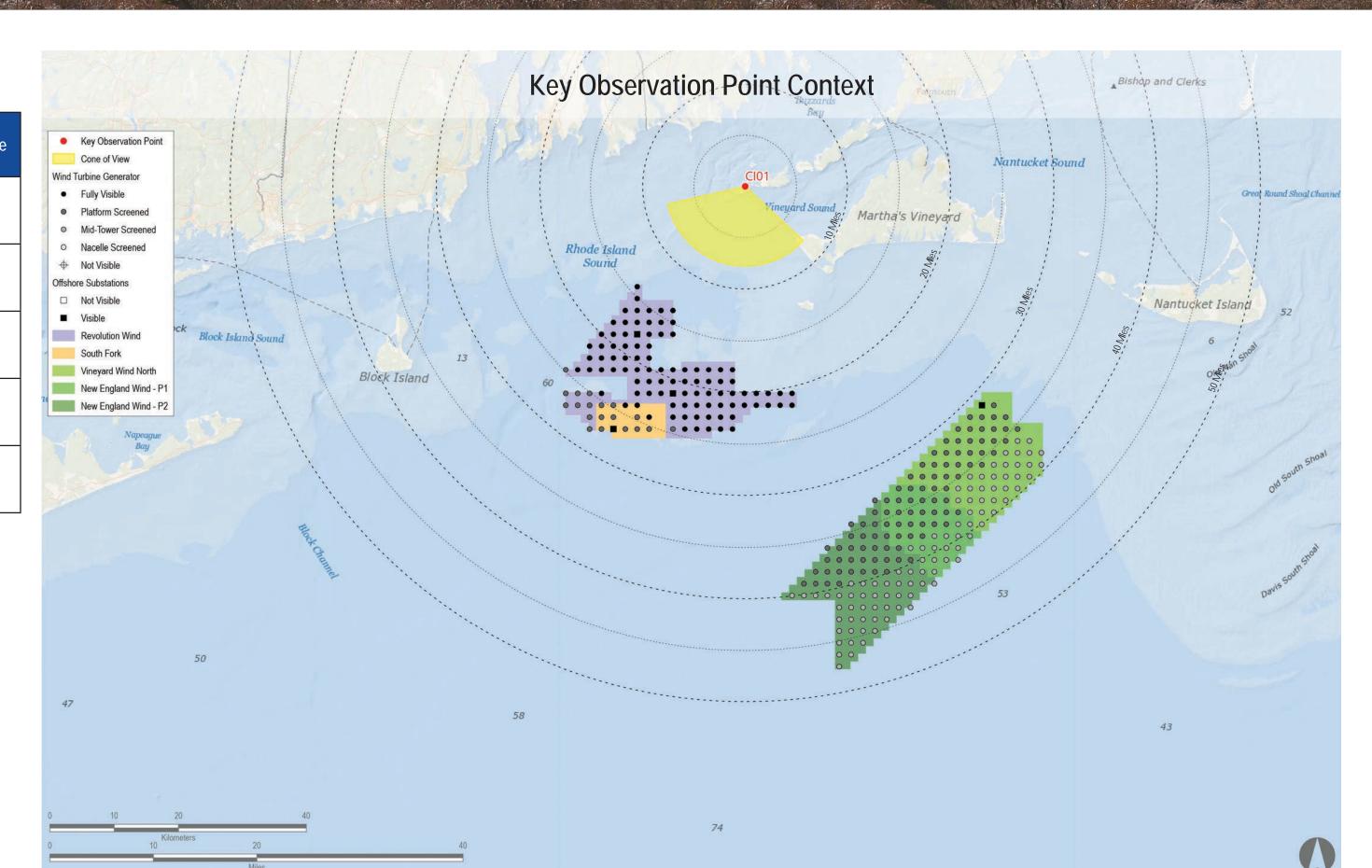
County: Dukes Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (193.8°) Field of View: 124° x 55°

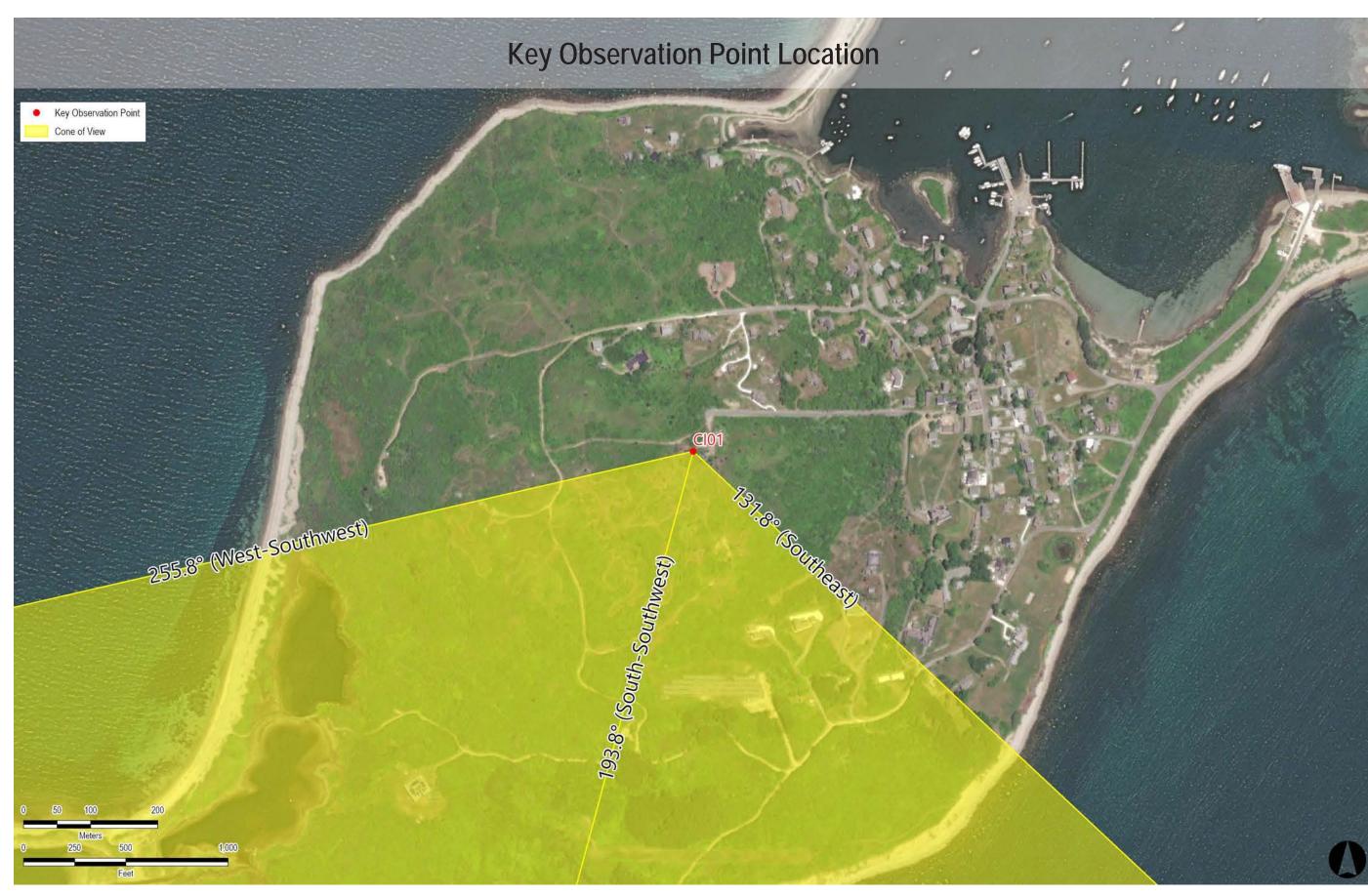
Visual Resources Landscape Similarity Zone: Coastal Scrub/Scrub Forest User Group: Local Resident, Tourist Wacationers Aesthetic Resource: Elizabeth Islands State Scenic Area, Buzzards Bay

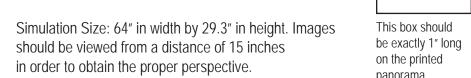
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Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number of WTGs & OSSs in Project	Distance to Nearest Visible WTG (miles)	Distance to Furthest Visible WTG (miles)
South Fork Wind Farm	2023	12 MW	13	13	23.6	27.3
Vineyard Wind North	2023	14 MW	69	69	31.2	39.9
Revolution Wind	2023	12 MW	102	102	13.9	27.9
New England Wind Phase 1	2024	16 MW	41	41	32.8	41.6
New England Wind Phase 2	2024	19 MW	79	79	32.9	47.4









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Appendix A: Sunrise Wind Cumulative Visual Simulations

Cl01: Cuttyhunk Island, Gosnold, Massachusetts

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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: 1/18/2018 Time: 1:30 PM Temperature: 25°F

Conditions Observed: Clear

Humidity: 88% Visibility: ≯ 0 miles Wind Direction: North-Northwest Wind Speed: 7 mph

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet AMSL

Key Observation Point Information

County: Dukes Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (193.8°) Field of View: 124° x 55°

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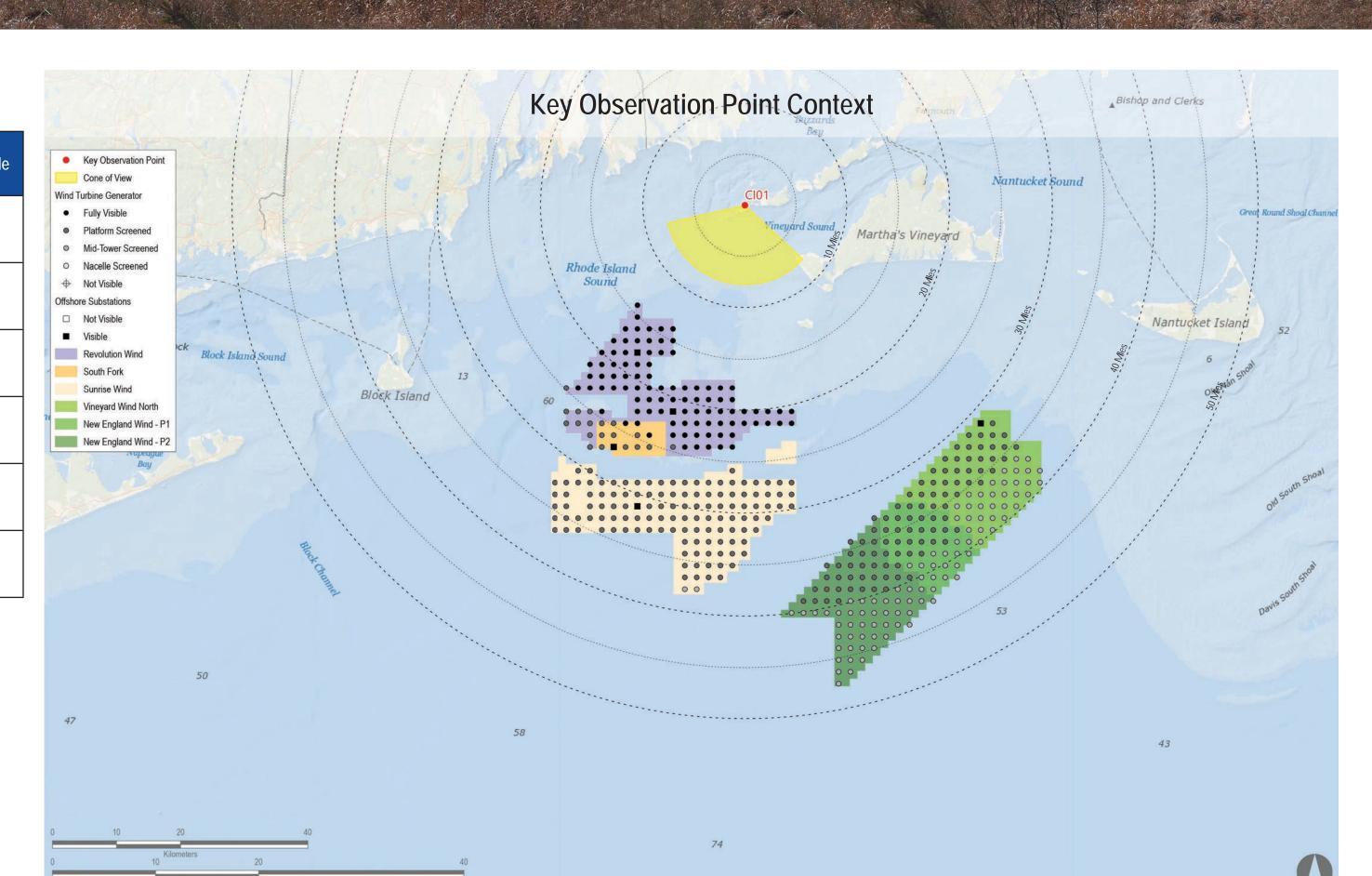
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Sunrise Wind	2024	15 MW	123	123	25.8	37.8







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Appendix A: Sunrise Wind Cumulative Visual Simulations

Cl01: Cuttyhunk Island, Gosnold, Massachusetts

Visual Simulation: Full Lease Build-out Including Sunrise Wind

Environmental Data Date Taken: 1/18/2018 **Time**: 1:30 PM Temperature: 25°F

Humidity: 88% Visibility: ≯ 0 miles Wind Direction: North-Northwest Wind Speed: 7 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet ANSL Notes:

Key Observation Point Information

County: Dukes Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (193.8°) Field of View: 124° x 55°

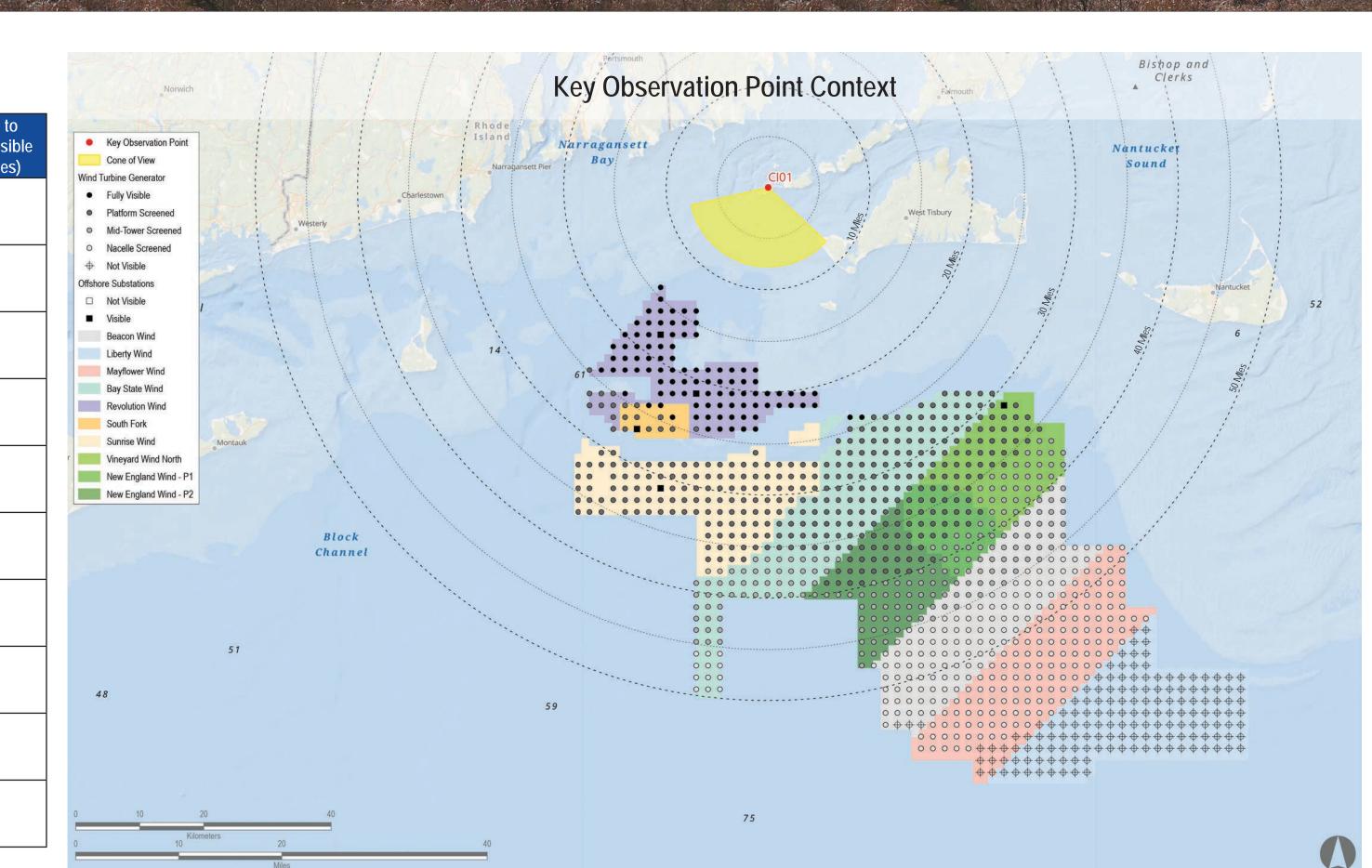
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Sunrise Wind	2024	15 MW	123	123	25.8	37.8
Mayflower Wind	2024	12 MW	138	149	483	582
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
Beacon Wind	2025-2030	12 MW	154	157	40.2	53.6
Bay State Wind	2025-2030	12 MW	185	185	23.7	49.4







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Appendix A: Sunrise Wind Cumulative Visual Simulations

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Visual Simulation: Full Lease Build-out Excluding Sunrise Wind

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Wind Direction: North-Northwest Wind Speed: 7 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet ANSL Notes:

Key Observation Point Information

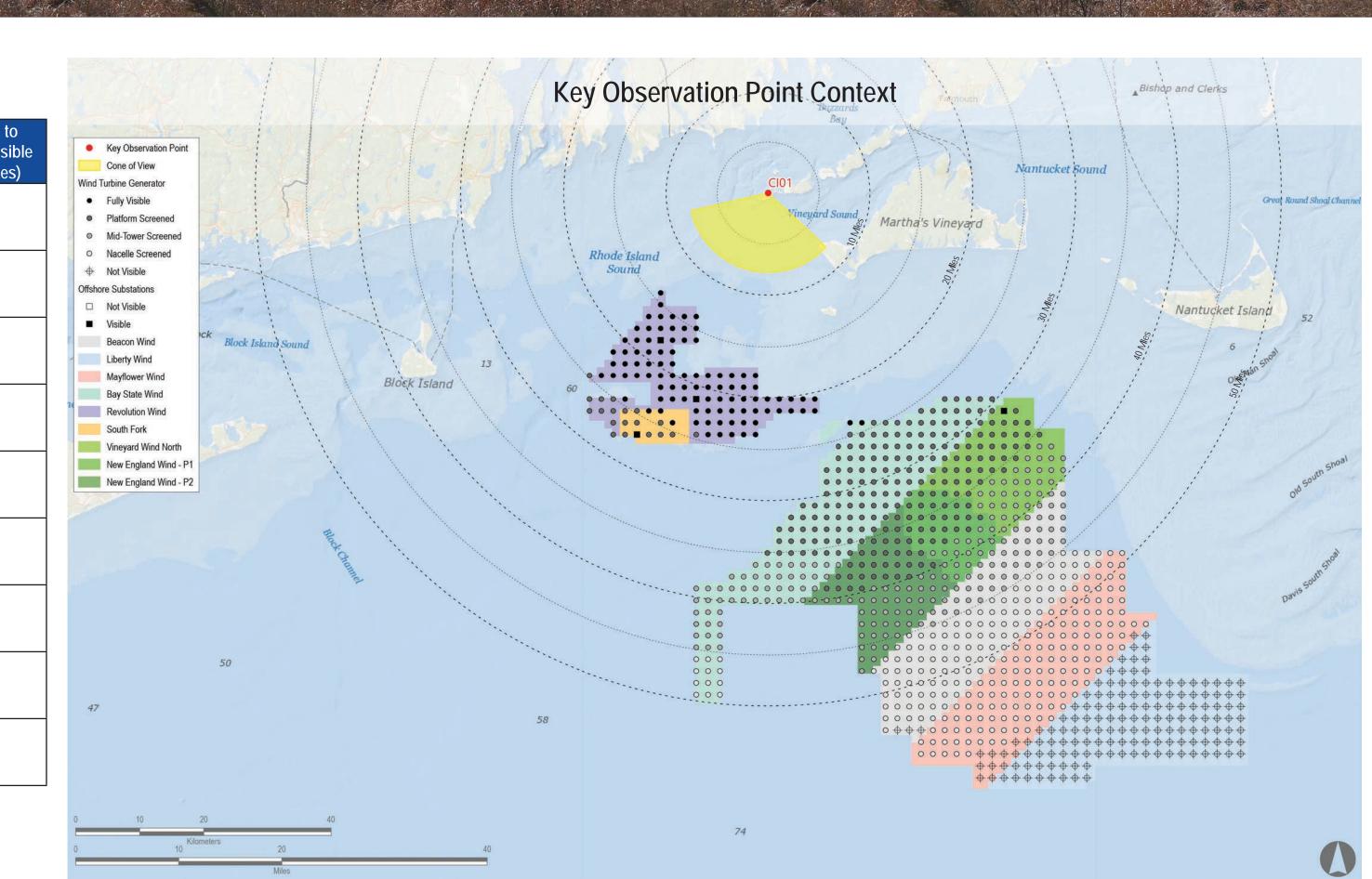
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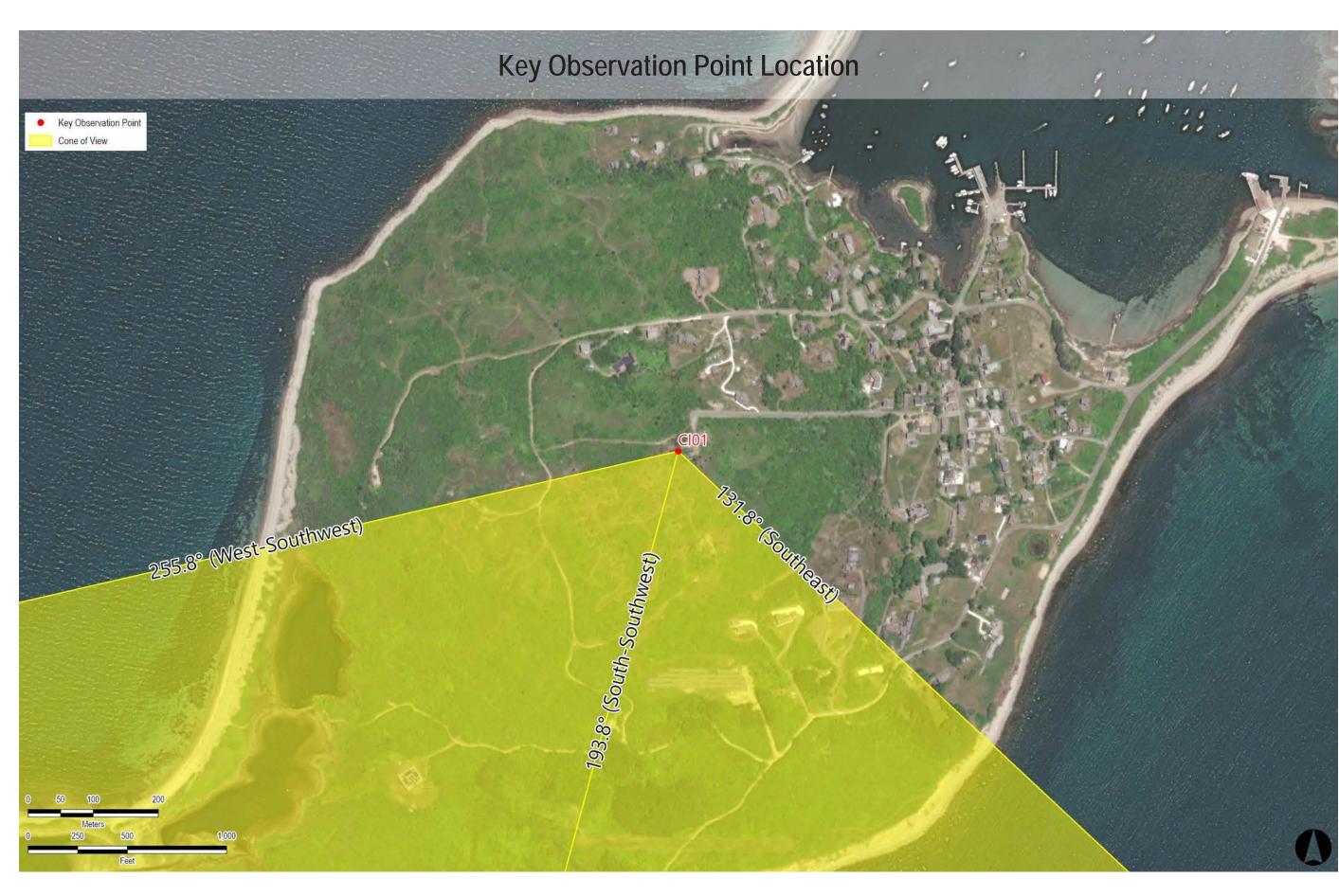
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Appendix A: Sunrise Wind Cumulative Visual Simulations

Cl01: Cuttyhunk Island, Gosnold, Massachusetts

Visual Simulation: Sunrise Wind Without Other Foreseeable Future Changes

Environmental Data Date Taken: 1/18/2018 **Time**: 1:30 PM Temperature: 25°F

Humidity: 88% Visibility: ≯ 0 miles Wind Direction: North-Northwest Wind Speed: 7 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet ANSL

Key Observation Point Information

County: Dukes
Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (193.8°) Field of View: 124° x 55°

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Sunrise Wind	2024	15 MW	123	123	25.8	37.8		

