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Appendix A: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

Existing Conditions

Simulation Size: 66" in width by 29.3" in height. Images This box should should be viewed from a distance of 15 inches in order to obtain the proper perspective.



Wind Speed: 0 mph Conditions Observed: Fair **Camera Information** Camera: Canon EOS 5D Mark IV

Environmental Data Date Taken: 7/26/2017

Time: 7:03 AM

Temperature: 59°F

Humidity: 96% Visibility: >10 miles Wind Direction: Calm

Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL Notes:

- existing light sources.
- WTG, this degree of atmospheric perspective is not applied to the photosimulations. three-dimensional (3D) model of the island.

Key Observation Point Information

County: Newport Town: Newport State: Rhode Island Location: Aquidneck Island Latitude, Longitude: 41.45119° N, 71.31157° W Direction of View (Center): South-Southeast (155.7°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Shoreline Residential User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Newport/Ocean Drive State Scenic Area, Cliff Walk National Recreation Trail, Newport National Historic Landmark

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• The existing WTGs associated with the Block Island Wind Farm are 16.9 miles from KOP LI04. In the daytime photosimulation, the WTGs appear faint due to atmospheric perspective commonly occurring on clear days such as the conditions illustrated in this photosimulation. In order to illustrate maximum potential visibility of the proposed

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: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

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



Notes:

Environmental Data Date Taken: 7/26/2017

Time: 7:03 AM

Temperature: 59°F

Humidity: 96% Visibility: >10 miles Wind Direction: Calm

Wind Speed: 0 mph

Camera Information

Conditions Observed: Fair

Camera: Canon EOS 5D Mark IV

Camera Height: 22.8 feet AMSL

Resolution: 30.4 Megapixels

Lens Focal Length: 50 mm

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Key Observation Point Information

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Visual Resources

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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	24.5	28.0
Vineyard Wind North	2023	14 MW	0	69	NA	NA







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Appendix A: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

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



in order to obtain the proper perspective.



Camera Height: 22.8 feet AMSL Notes:

Environmental Data Date Taken: 7/26/2017

Time: 7:03 AM

Temperature: 59°F

Humidity: 96% Visibility: >10 miles Wind Direction: Calm

Wind Speed: 0 mph

Camera Information

Conditions Observed: Fair

Camera: Canon EOS 5D Mark IV

Resolution: 30.4 Megapixels

Lens Focal Length: 50 mm

- existing light sources.
- WTG, this degree of atmospheric perspective is not applied to the photosimulations. three-dimensional (3D) model of the island.



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Visual Resources

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South Fork Wind Farm	2023	12 MW	12	13	24.5	28.0
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	15.3	33.8









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Appendix A: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

Visual Simulation: Full Lease Build-out Including Revolution Wind

Environmental Data Date Taken: 7/26/2017

Time: 7:03 AM Temperature: 59°F Humidity: 96% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV

Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL Notes:

- existing light sources.
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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	24.5	28.0
Vineyard Wind North	2023	14 MW	0	69	NA	NA
Revolution Wind	2023	12 MW	102	102	15.3	33.8
New England Wind Phase 1	2024	16 MW	9	41	46.8	48.6
New England Wind Phase 2	2024	19 MW	37	79	46.0	51.1
Sunrise Wind	2024	15 MW	122	123	28.6	42.6
Mayflower Wind	2024	12 MW	0	149	NA	NA
Liberty Wind	2025-2030	12 MW	0	139	NA	NA
Beacon Wind	2025-2030	12 MW	0	157	NA	NA
Bay State Wind	2025-2030	12 MW	100	185	37.1	44.5







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Appendix A: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

Visual Simulation: Full Lease Build-out Excluding Revolution Wind

Environmental Data

Date Taken: 7/26/2017 Time: 7:03 AM Temperature: 59°F Humidity: 96% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL

Notes:

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

2023 2023	12 MW 14 MW	12	13	24.5	28.0
	14 MW				
		0	69	NA	NA
2024	16 MW	9	41	46.8	48.6
2024	19 MW	37	79	46.0	51.1
2024	15 MW	122	123	28.6	42.6
2024	12 MW	0	149	NA	NA
2025-2030	12 MW	0	139	NA	NA
2025-2030	12 MW	0	157	NA	NA
2025-2030	12 MW	100	185	37.1	44.5
2	2025-2030 2025-2030	2025-2030 12 MW 2025-2030 12 MW	2025-2030 12 MW 0 2025-2030 12 MW 0	2025-2030 12 MW 0 139 2025-2030 12 MW 0 157	2025-2030 12 MW 0 139 NA 2025-2030 12 MW 0 157 NA







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Appendix A: Revolution Wind Cumulative Visual Simulations

AI03: Newport Cliff Walk, Newport, Rhode Island

Visual Simulation: Revolution Wind Without Other Foreseeable Future Changes



Temperature: 59°F Humidity: 96% Visibility: >10 miles Wind Direction: Calm Wind Speed: 0 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL Notes:

Environmental Data Date Taken: 7/26/2017

Time: 7:03 AM

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Project	Year of Development	WTG Model	Potential Number of WTGs & OSSs Visible*	Total Number o WTGs & OSSs Project
Revolution Wind	2023	12 MW	102	102

'n	Nearest Visible WTG (miles)	Furthest Visible WTG (miles)
	15.3	33.8



