ORIGINAL COP LAYOUT SIMULATION:

SOUTHEAST LIGHTHOUSE

VIEWPOINT INFORMATION

County: Washington Town: New Shoreham State: Rhode Island **Location:** Block Island **Coordinates:** 41.15281° N, 71.55185° W Direction of View: East (86.0°) **Distance to Nearest Visible Turbine:** 15.2 miles

ENVIRONMENTAL DATA

Date Taken: 9/10/2017 Time: 1:20 PM Temperature: 68°F Humidity: 63% Visibility: >10 miles **Conditions Observed: Clear**

CAMERA INFORMATION

Camera: Canon EOS 5D Mark IV **Resolution:** 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL

SIMULATION VIEWING INSTRUCTIONS:

Printed at 100% the resulting simulation size is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches.

PRE-DECISIONAL Revolution Wind Farm Outer Continental Shelf, OCS-A 0486

Alternative Simulation Layouts



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	Martha's Vineyard
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•	COP WTG
•	Key Observation Point
	Offshore Substation
	Lease Area
	Cone of View

ALTERNATIVE - G1 - LAYOUT SIMULATION:

SOUTHEAST LIGHTHOUSE

VIEWPOINT INFORMATION

County: Washington Town: New Shoreham State: Rhode Island **Location:** Block Island **Coordinates:** 41.15281° N, 71.55185° W **Direction of View:** East (86.0°) **Distance to Nearest Visible Turbine:** 15.2 miles

ENVIRONMENTAL DATA

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PRE-DECISIONAL Revolution Wind Farm Outer Continental Shelf, OCS-A 0486 Alternative Simulation Layouts

Cuttyhunk Island Point Judith 0 0 0 0 Block Island BI04 0 0 0 0 0 0ⁱ-0---0--0--0--0 -0-0 0 0 0 6. $\mathbf{\cap}$ Kilometers 20





ALTERNATIVE - G2 - LAYOUT SIMULATION:

SOUTHEAST LIGHTHOUSE

VIEWPOINT INFORMATION

County: Washington Town: New Shoreham State: Rhode Island **Location:** Block Island **Coordinates:** 41.15281° N, 71.55185° W **Direction of View:** East (86.0°) **Distance to Nearest Visible Turbine:** 15.2 miles

ENVIRONMENTAL DATA

Date Taken: 9/10/2017 **Time:** 1:20 PM Temperature: 68°F Humidity: 63% Visibility: >10 miles **Conditions Observed: Clear**

CAMERA INFORMATION

Camera: Canon EOS 5D Mark IV **Resolution:** 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL

SIMULATION VIEWING INSTRUCTIONS:

Printed at 100% the resulting simulation size is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches.

PRE-DECISIONAL Revolution Wind Farm Outer Continental Shelf, OCS-A 0486 Alternative Simulation Layouts

Cuttyhunk Island Point Judith 0 0 0 0 Block Island BI04 0 0 0-0-0-0 0 0ⁱ-0 0 -0-0 0 0 0 6. $\mathbf{\Lambda}$ Kilometers 20

Martha's Vineyard



ALTERNATIVE - G3 - LAYOUT SIMULATION:

SOUTHEAST LIGHTHOUSE

VIEWPOINT INFORMATION

County: Washington Town: New Shoreham State: Rhode Island **Location:** Block Island **Coordinates:** 41.15281° N, 71.55185° W **Direction of View:** East (86.0°) **Distance to Nearest Visible Turbine:** 15.2 miles

ENVIRONMENTAL DATA

Date Taken: 9/10/2017 **Time:** 1:20 PM Temperature: 68°F Humidity: 63% Visibility: >10 miles **Conditions Observed: Clear**

CAMERA INFORMATION

Camera: Canon EOS 5D Mark IV **Resolution:** 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL

SIMULATION VIEWING INSTRUCTIONS:

Printed at 100% the resulting simulation size is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches.

PRE-DECISIONAL Revolution Wind Farm Outer Continental Shelf, OCS-A 0486

Alternative Simulation Layouts











COP Layout



G1 - Layout

0 1 in 2 in 7	G1 - Layout - Southeast Lighthouse - Night Condition	Revolution Wind Farm Outer Continental Shelf, OCS-A 0486 EDR



G2 - Layout

0 1 in 2 in This scale is designed to insure the simulation images are printed at the intended size.	G2 - Layout - Southeast Lighthouse - Night Condition	Revolution Wind Farm Outer Continental Shelf, OCS-A 0486 EDR

G3 - Layout

0 1 in 2 in This scale is designed to insure the simulation images are printed at the intended size.	G3 - Layout - Southeast Lighthouse - Night Condition	Revolution Wind Farm Outer Continental Shelf, OCS-A 0486 EDR

ALTERNATIVE - G1 - LAYOUT SIMULATION:

SOUTHEAST LIGHTHOUSE

VIEWPOINT INFORMATION

County: Washington Town: New Shoreham State: Rhode Island Location: Block Island **Coordinates:** 41.15281° N, 71.55185° W **Direction of View:** East (86.0°) **Distance to Nearest Visible Turbine:** 15.2 miles

ENVIRONMENTAL DATA

Date Taken: 9/10/2017 **Time:** 1:20 PM Temperature: 68°F Humidity: 63% Visibility: >10 miles **Conditions Observed: Clear**

CAMERA INFORMATION

Camera: Canon EOS 5D Mark IV **Resolution:** 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL

SIMULATION VIEWING INSTRUCTIONS:

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PRE-DECISIONAL Revolution Wind Farm Outer Continental Shelf, OCS-A 0486

Alternative Simulation Layouts



