

**ATTACHMENT I-3**

**Key Observation Points Visual Simulations  
of Proposed Action - Project Design Envelope (PDE)**

**(Source: EDR 2022a, Sunrise Wind 2023)**

**ATTACHMENT I-3A**

**Key Observation Points Visual Simulations  
of Proposed Action - Project Design Envelope (PDE)**

**(Source: EDR 2022a, Sunrise Wind 2023)**



### Camp Hero State Park Overlook

#### Viewpoint Information

County: Suffolk  
 Town: East Hampton  
 State: New York  
 Location: Long Island  
 Coordinates: 41.05725° N, 71.87172° W  
 Direction of View: East-Southeast (102.9°)  
 Distance to Nearest Visible Turbine: 31.2 miles

#### Environmental Data

Date Illustrated: 9/11/2017  
 Time: 5:15 PM  
 Temperature: 62.6 °F  
 Humidity: 82%  
 Visibility: >10 miles  
 Wind Direction: Calm  
 Wind Speed: Calm  
 Conditions Observed: Clear

#### Visual Resources

Landscape Similarity Zone: Shoreline Bluffs  
 User Group: Resident, Tourist  
 Aesthetic Resource: Camp Hero State Park, Montauk Point, Montauk Point State Area of Scenic Significance

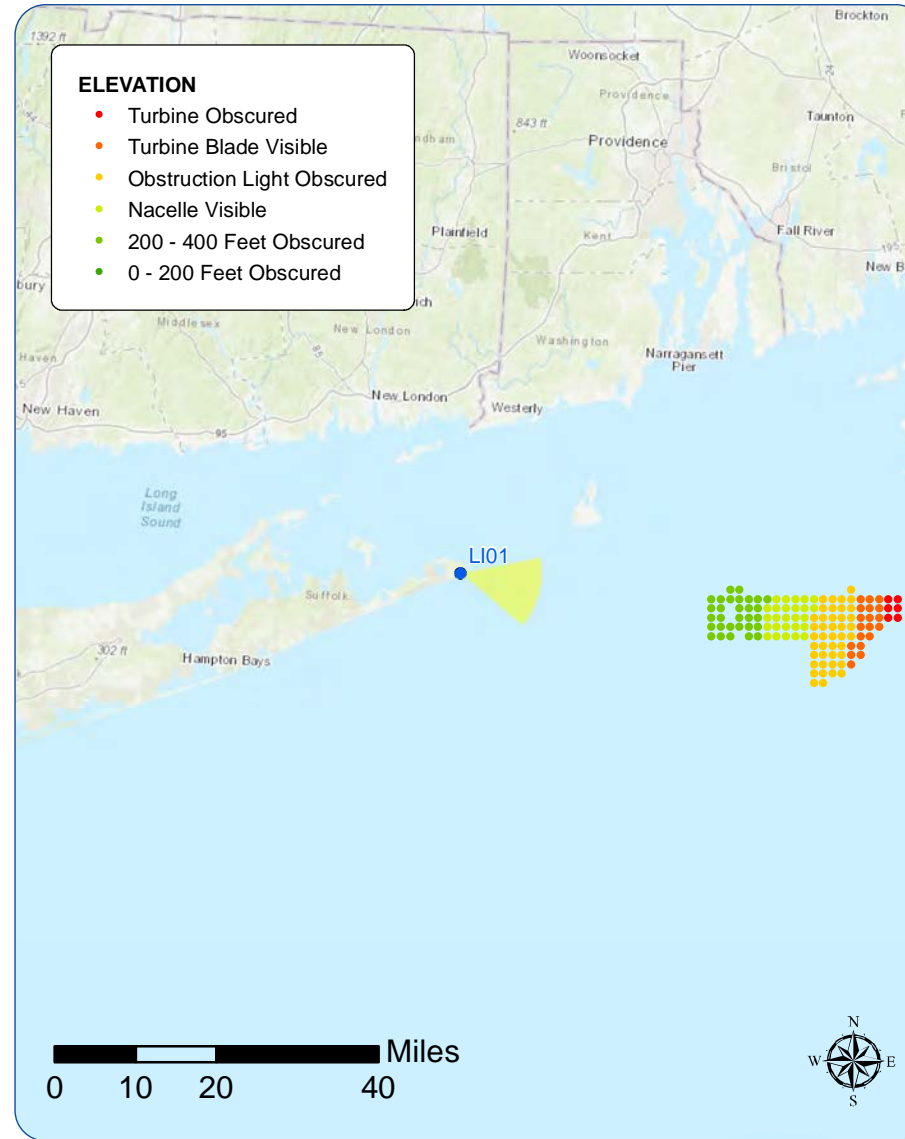
Notes: The Block Island Wind Farm is 17.8 miles from this location. Visibility was documented during field review.

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 89.7 feet AMSL

#### 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.



Context Photo: View to the North-Northeast



Context Photo: View to the East-Northeast



Simulation Photo: View to the East-Southeast



Context Photo: View to the South-Southeast

#### Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint LI01: View from Camp Hero State Park Overlook

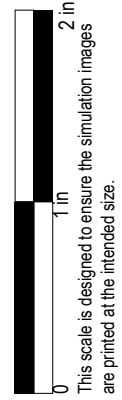
Source: COP Appendix Q1, Appendix C: Sheet 1 of 178



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# Existing Conditions

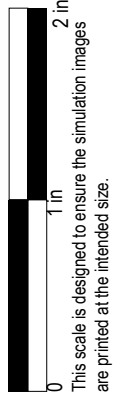




# Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint LI01: View from Camp Hero State Park Overlook  
Source: COP Appendix Q1, Appendix C: Sheet 3 of 178



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**Sunrise  
Wind**

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### Montauk Point State Park

#### Viewpoint Information

County: Suffolk  
 Town: East Hampton  
 State: New York  
 Location: Long Island  
 Coordinates: 41.07208° N, 71.85901° W  
 Direction of View: East (100.1°)  
 Distance to Nearest Visible Turbine: 30.6 miles

#### Visual Resources

Landscape Similarity Zone: Maintained  
 Recreation Area  
 User Group: Local Residents, Tourists/Vacationers, Fishing Community  
 Aesthetic Resource: Montauk Point State Scenic Area, Montauk Point Scenic Area of State Significance, Montauk Point State Park, Other Public State of New York Lands, Montauk Point Lighthouse

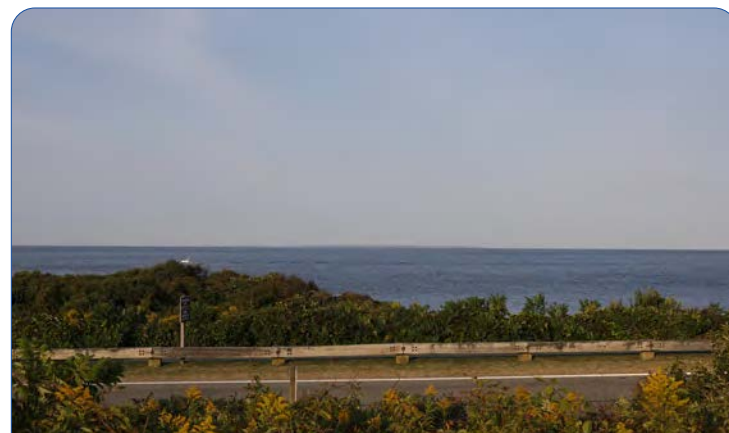
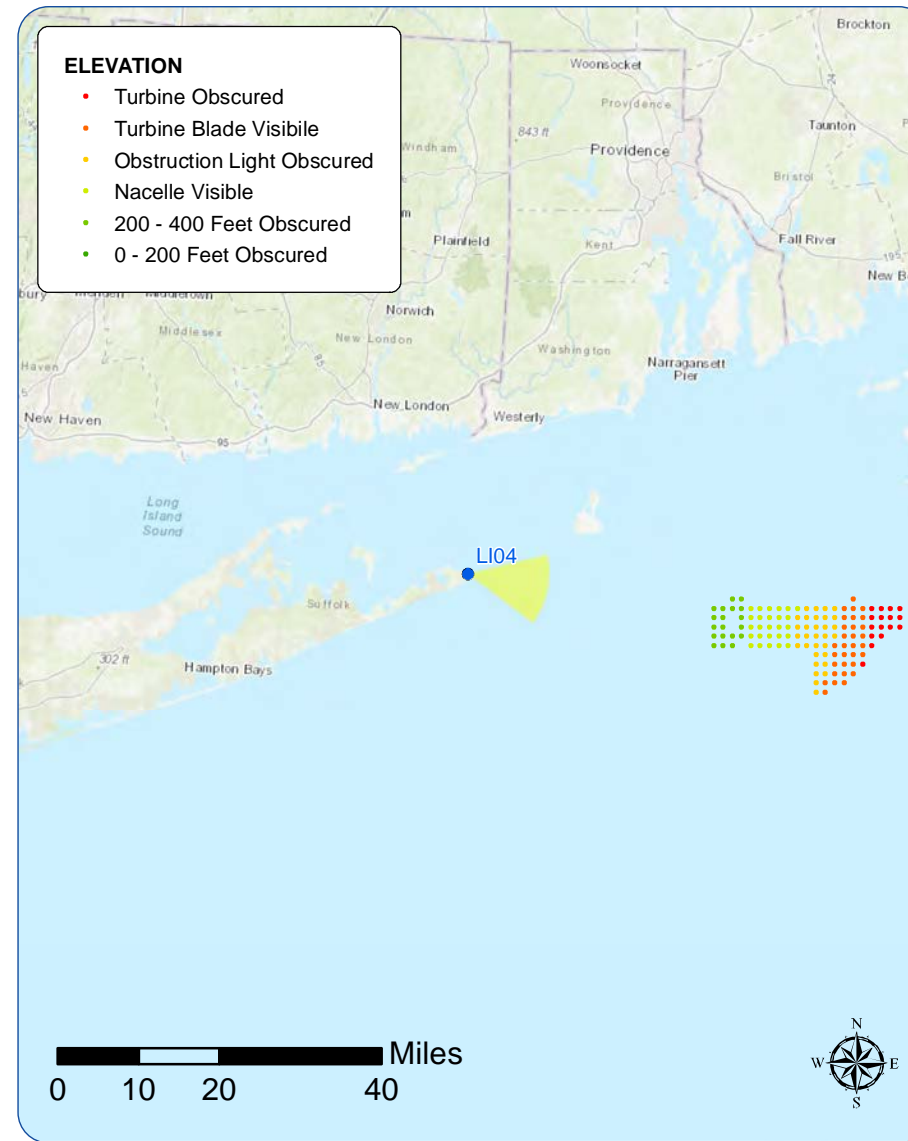
Notes: The Block Island Wind Farm is 17.0 miles from this location. Visibility was documented during field review.

#### Environmental Data

Date Illustrated: 9/11/2017  
 Time: 7:01 PM  
 Temperature: 62.6 °F  
 Humidity: 82%  
 Visibility: >10 miles  
 Wind Direction: Calm  
 Wind Speed: 0 mph  
 Conditions Observed: Clear

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 48.0 feet AMSL



Context Photo: View to the East-Northeast



Simulation Photo: View to the East



Context Photo: View to the South-Southeast



Context Photo: View to the South

#### Sunrise Wind Farm Project

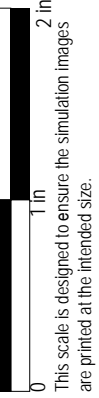
#### Outer Continental Shelf

Viewpoint LI04: View from Montauk Point State Park, East Hampton

Source: COP Appendix Q1, Appendix C: Sheet 4 of 178



# Existing Conditions





# Photosimulation



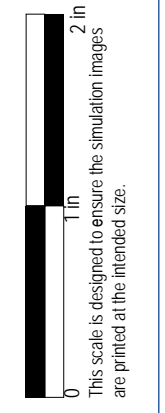
This scale is designed to ensure the simulation images are printed at the intended size.



# Existing Conditions - Night



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint L104: View from Montauk Point State Park, East Hampton  
Source: COP Appendix Q1, Appendix C: Sheet 7 of 178



**Sunrise  
Wind**

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# Photosimulation - Night



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint L104: View from Montauk Point State Park, East Hampton  
Source: COP Appendix Q1, Appendix C: Sheet 8 of 178



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Wind**

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### Cuttyhunk Island

#### Viewpoint Information

County: Dukes  
 Town: Gosnold  
 State: Massachusetts  
 Location: Cuttyhunk Island  
 Coordinates: 41.42052° N, 70.93411° W  
 Direction of View: South to South-Southwest (191.4°)  
 Distance to Nearest Visible Turbine: 25.8 miles

#### Visual Resources

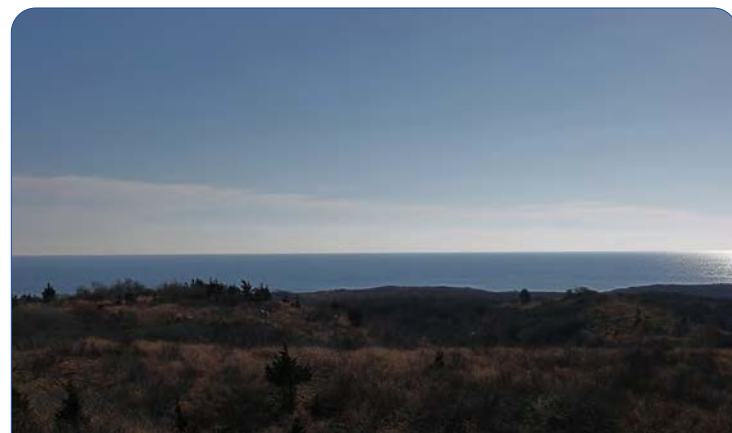
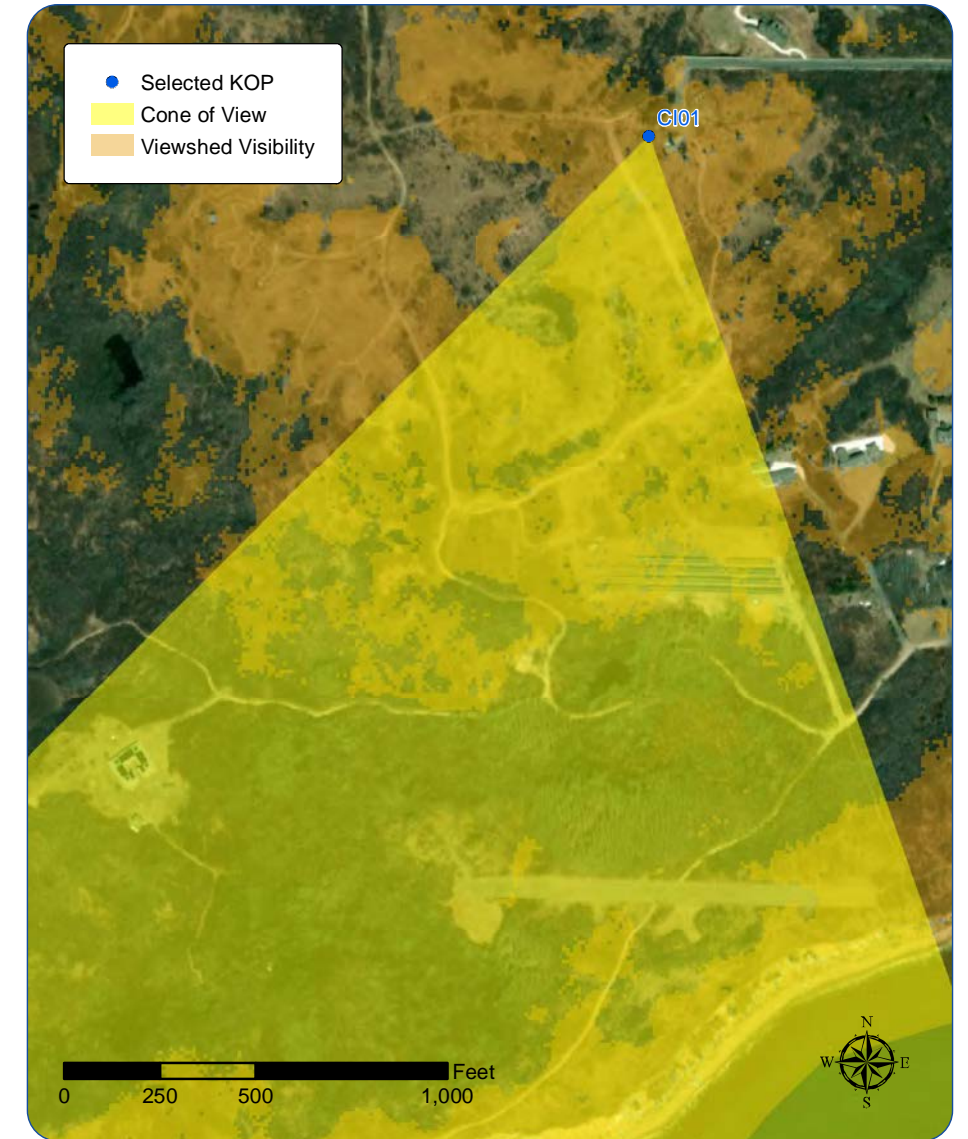
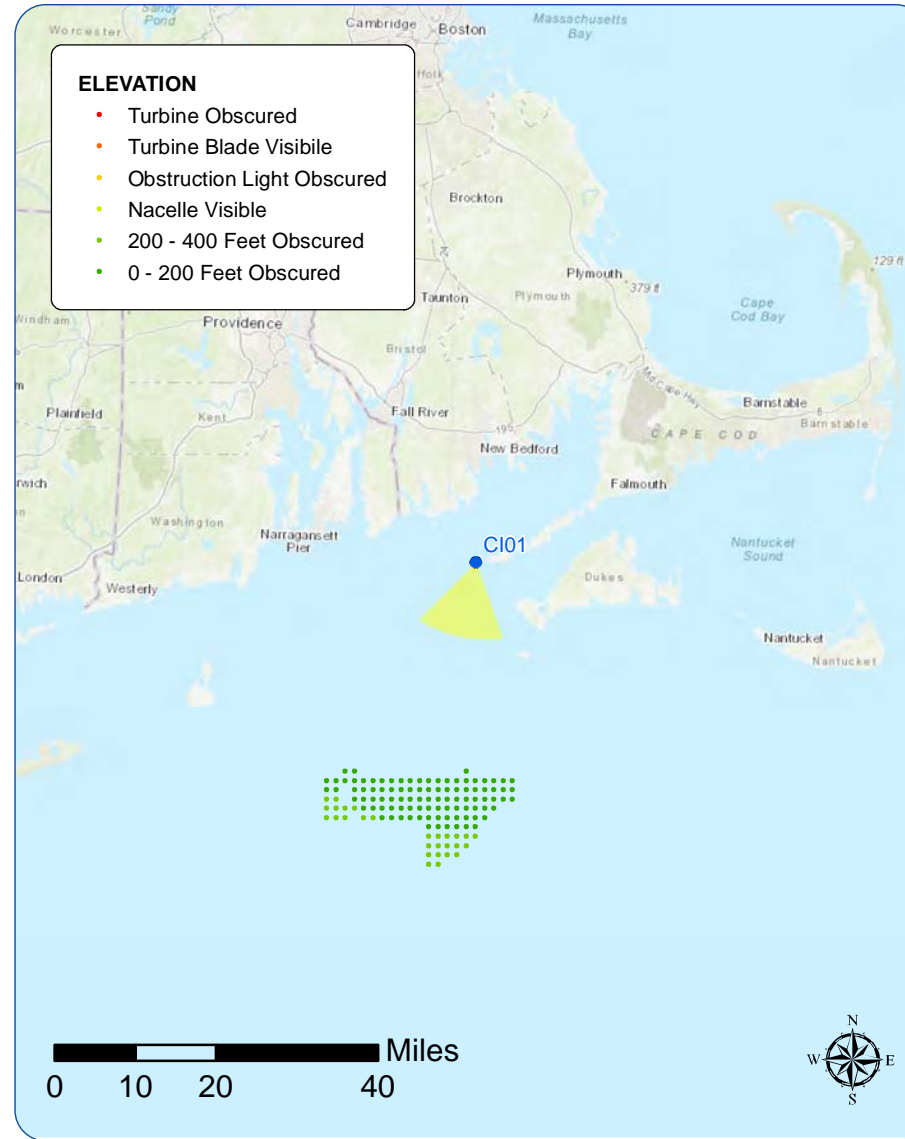
Landscape Similarity Zone: Coastal Scrub/Shrub Forest  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: The Elizabeth Islands State Scenic Area 88

#### Environmental Data

Date Illustrated: 1/18/2018  
 Time: 1:30 PM  
 Temperature: 34.0 °F  
 Humidity: 64%  
 Visibility: >10 miles  
 Wind Direction: North-Northwest  
 Wind Speed: 10.4 mph  
 Conditions Observed: Clear

#### Camera Information

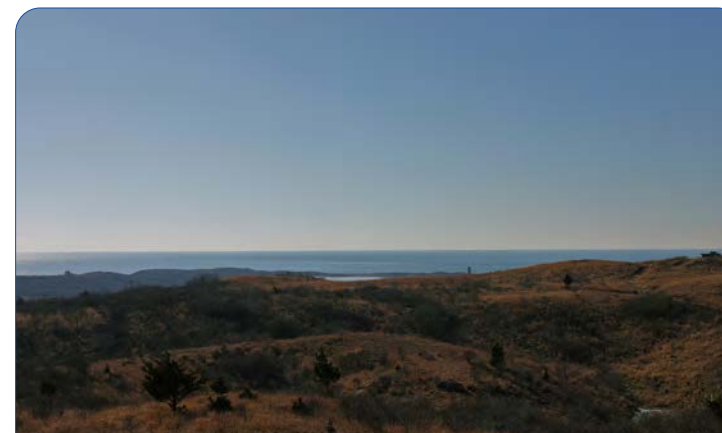
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 151.3 feet AMSL



Simulation Photo: View to the South



Simulation Photo: View to the South-Southwest



Context Photo: View to the Southwest



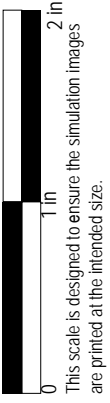
Context Photo: View to the West



# Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint C101: View from Cuttyhunk Island, Gosnold  
Source: COP Appendix Q1, Appendix C: Sheet 10 of 178



**Sunrise  
Wind**

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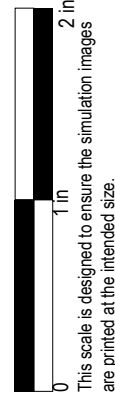


# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint C101: View from Cuttyhunk Island, Gosnold  
Source: COP Appendix Q1, Appendix C: Sheet 11 of 178



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**Sunrise**  
**Wind**

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# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint C101: View from Cuttyhunk Island, Gosnold  
Source: COP Appendix Q1, Appendix C: Sheet 12 of 178



**Sunrise**  
**Wind**

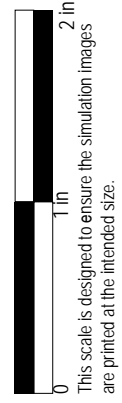
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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint C101: View from Cuttyhunk Island, Gosnold  
Source: COP Appendix Q1, Appendix C; Sheet 13 of 178



**Sunrise**  
**Wind**

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### Gooseberry Island

#### Viewpoint Information

County: Bristol  
 Town: Westport  
 State: Massachusetts  
 Location: Gooseberry Island  
 Coordinates: 41.48515° N, 71.03884° W  
 Direction of View: South-Southeast to South-Southwest (185.9°)  
 Distance to Nearest Visible Turbine: 30.7 miles

#### Environmental Data

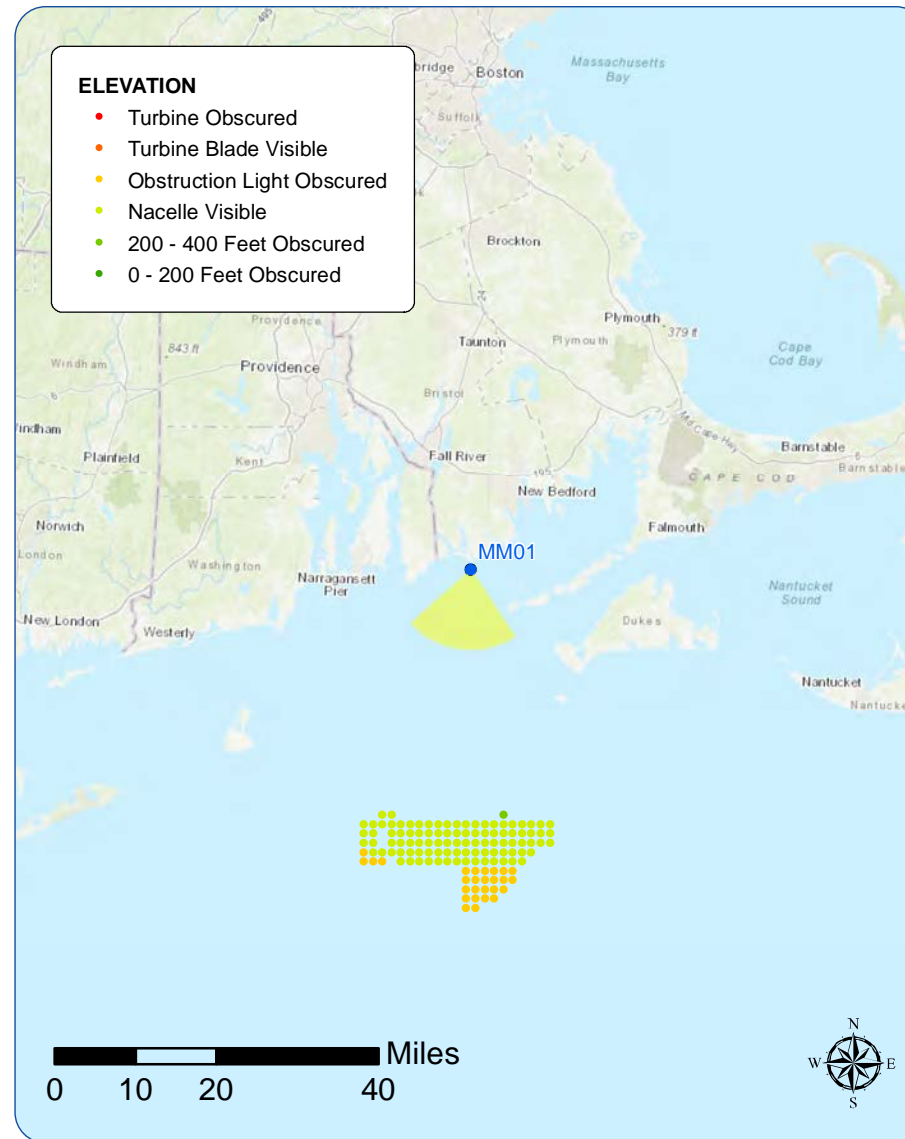
Date Illustrated: 7/26/2017  
 Time: 2:21 PM  
 Temperature: 75.9 °F  
 Humidity: 54%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 8 mph  
 Conditions Observed: Clear

#### Visual Resources

Landscape Similarity Zone: Coastal Scrub/Shrub Forest  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Gooseberry Public Beach, Horseneck Beach State Reservation, Westport South Dartmouth Unit 226 State Scenic Area

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 16.0 feet AMSL



Simulation Photo: View to the South-Southeast



Simulation Photo: View to the South-Southwest



Context Photo: View to the Southwest



Context Photo: View to the West-Southwest



# Existing Conditions

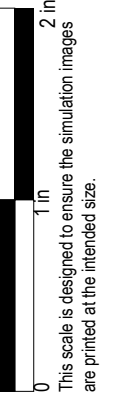


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MM01: View from Gooseberry Island, Westport

Source: COP Appendix Q1, Appendix C: Sheet 15 of 178



**Sunrise  
Wind**

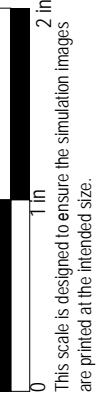
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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MM01: View from Gooseberry Island, Westport  
Source: COP Appendix Q1, Appendix C: Sheet 16 of 178



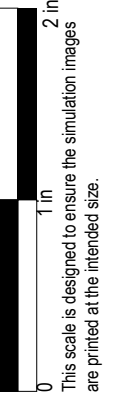
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**Sunrise**  
**Wind**

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# Existing Conditions





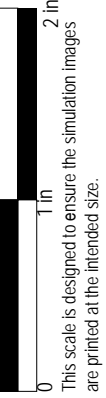
# Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MM01: View from Gooseberry Island, Westport

Source: COP Appendix Q1, Appendix C: Sheet 18 of 178



**Sunrise  
Wind**

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## Nobska Lighthouse

### Viewpoint Information

County: Barnstable  
 Town: Falmouth  
 State: Massachusetts  
 Location: Mainland, MA  
 Coordinates: 41.51576° N, 70.65512° W  
 Direction of View: South-Southwest (208.5°)  
 Distance to Nearest Visible Turbine: 34.7 miles

### Environmental Data

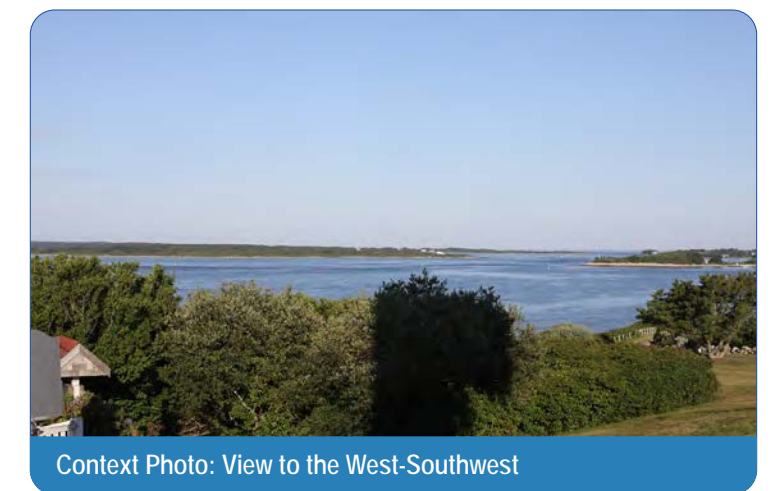
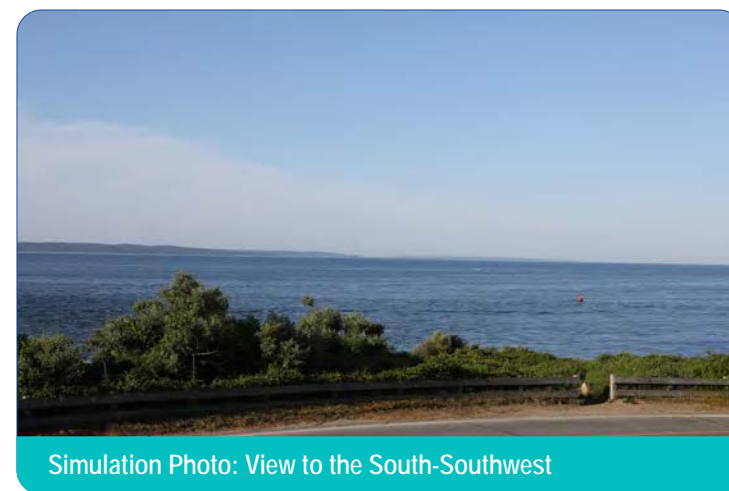
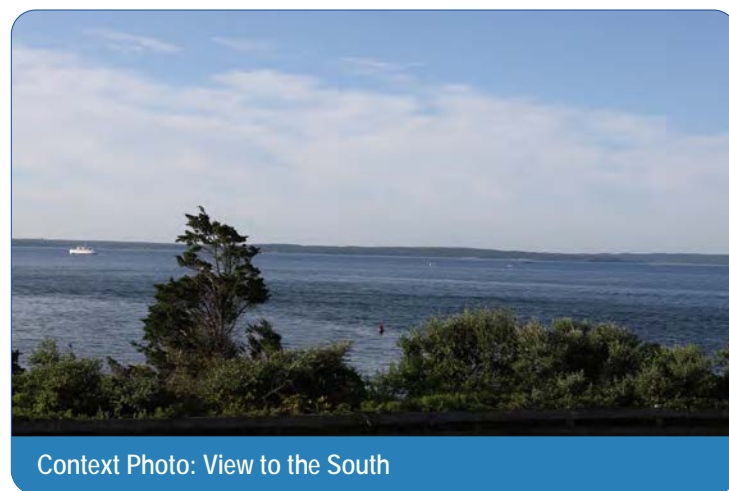
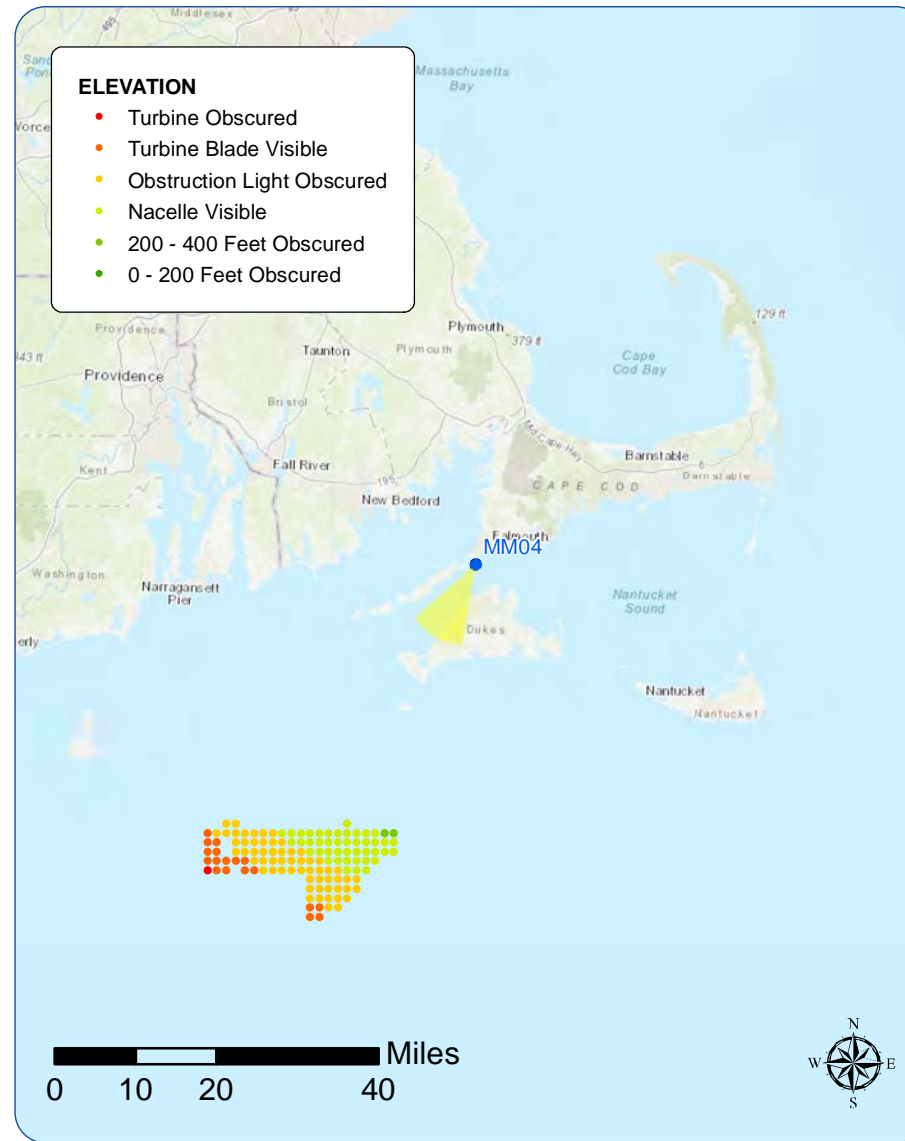
Date Illustrated: 8/9/2017  
 Time: 6:23 AM  
 Temperature: 71.0 °F  
 Humidity: 68%  
 Visibility: >10 miles  
 Wind Direction: Southwest  
 Wind Speed: 7 mph  
 Conditions Observed: Partly Cloudy

### Visual Resources

Landscape Similarity Zone: Maintained Recreation Areas  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Nobska Beach Association, Nobska Point Lighthouse

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 53.7 feet AMSL

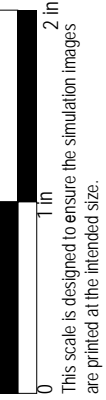




# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MM04: View from Nobska Lighthouse, Falmouth  
Source: COP Appendix Q1, Appendix C: Sheet 20 of 178



**Sunrise  
Wind**

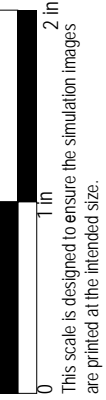
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Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint MM04: View from Nobska Lighthouse, Falmouth  
Source: COP Appendix Q1, Appendix C: Sheet 21 of 178



Sunrise  
Wind

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### Demarest Lloyd State Park

#### Viewpoint Information

County: Bristol  
 Town: Dartmouth  
 State: Massachusetts  
 Location: Mainland, MA  
 Coordinates: 41.52489° N, 70.98186° W  
 Direction of View: South (185.6°)  
 Distance to Nearest Visible Turbine: 33.1 miles

#### Environmental Data

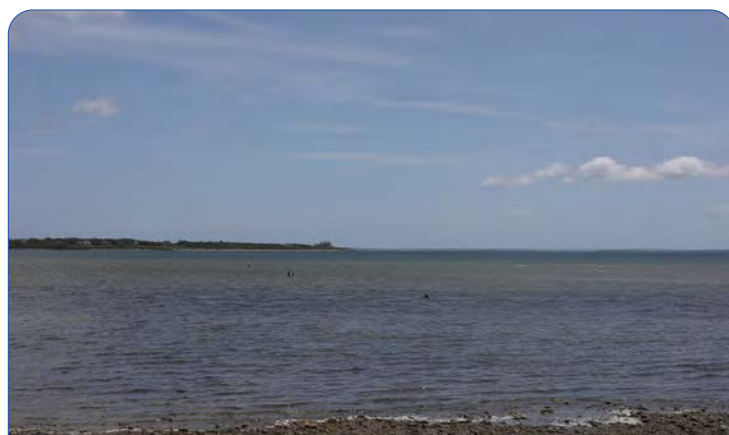
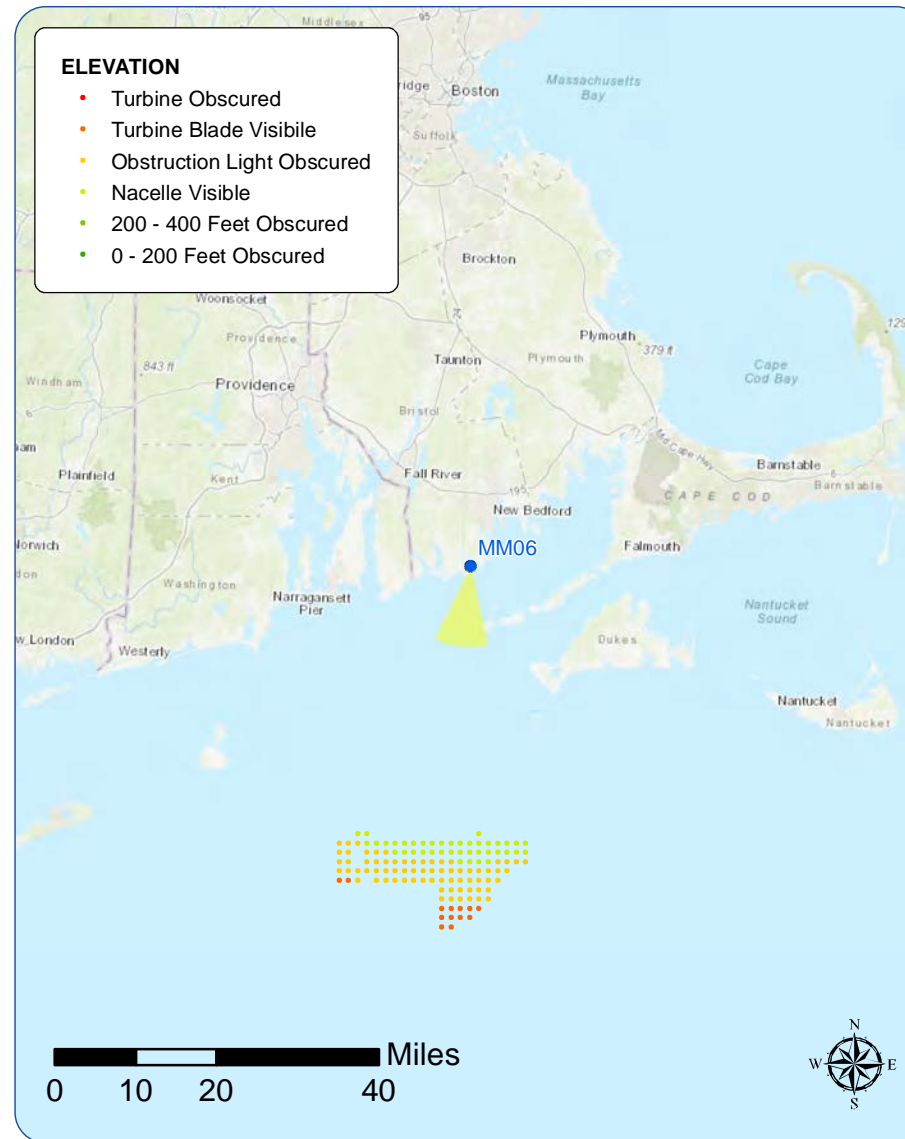
Date Illustrated: 7/16/2020  
 Time: 12:49 PM  
 Temperature: 75 °F  
 Humidity: 51%  
 Visibility: >10 miles  
 Wind Direction: Variable  
 Wind Speed: 6 mph  
 Conditions Observed: Fair

#### Visual Resources

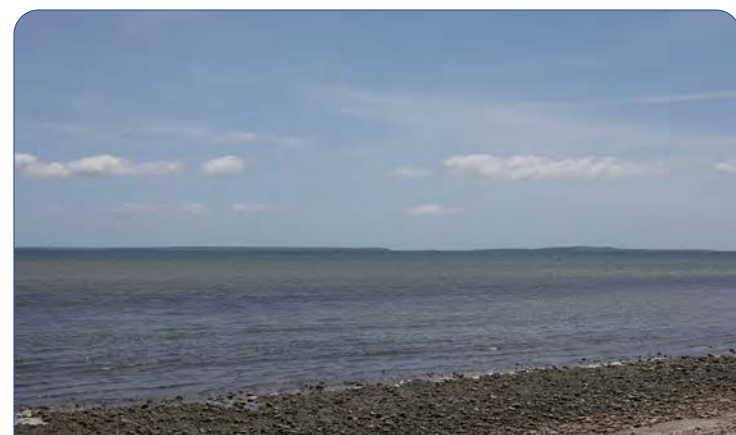
Landscape Similarity Zone: Shoreline Beach, Coastal Scrub/Shrub Forest  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Demarest Lloyd (DCR - DSPR) Public Beach, Demarest Lloyd State Park, Westport South Dartmouth Unit 107 State Scenic Area

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 12.8 feet AMSL



Context Photo: View to the East



Simulation Photo: View to the Southeast



Simulation Photo: View to the South



Context Photo: View to the Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

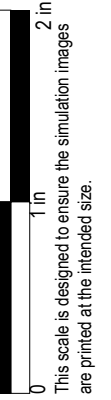
Viewpoint MM06: View from Demarest Lloyd State Park,  
 Dartmouth Source: COP Appendix Q1, Appendix C: Sheet 22 of 178



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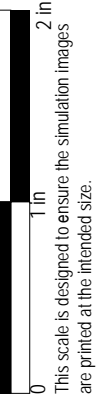


# Existing Conditions





# Photosimulation





### Fort Taber District

#### Viewpoint Information

County: Bristol  
 Town: New Bedford  
 State: Massachusetts  
 Location: Mainland, MA  
 Coordinates: 41.59281° N, 70.90045° W  
 Direction of View: South (191.2°)  
 Distance to Nearest Visible Turbine: 37.8 miles

#### Environmental Data

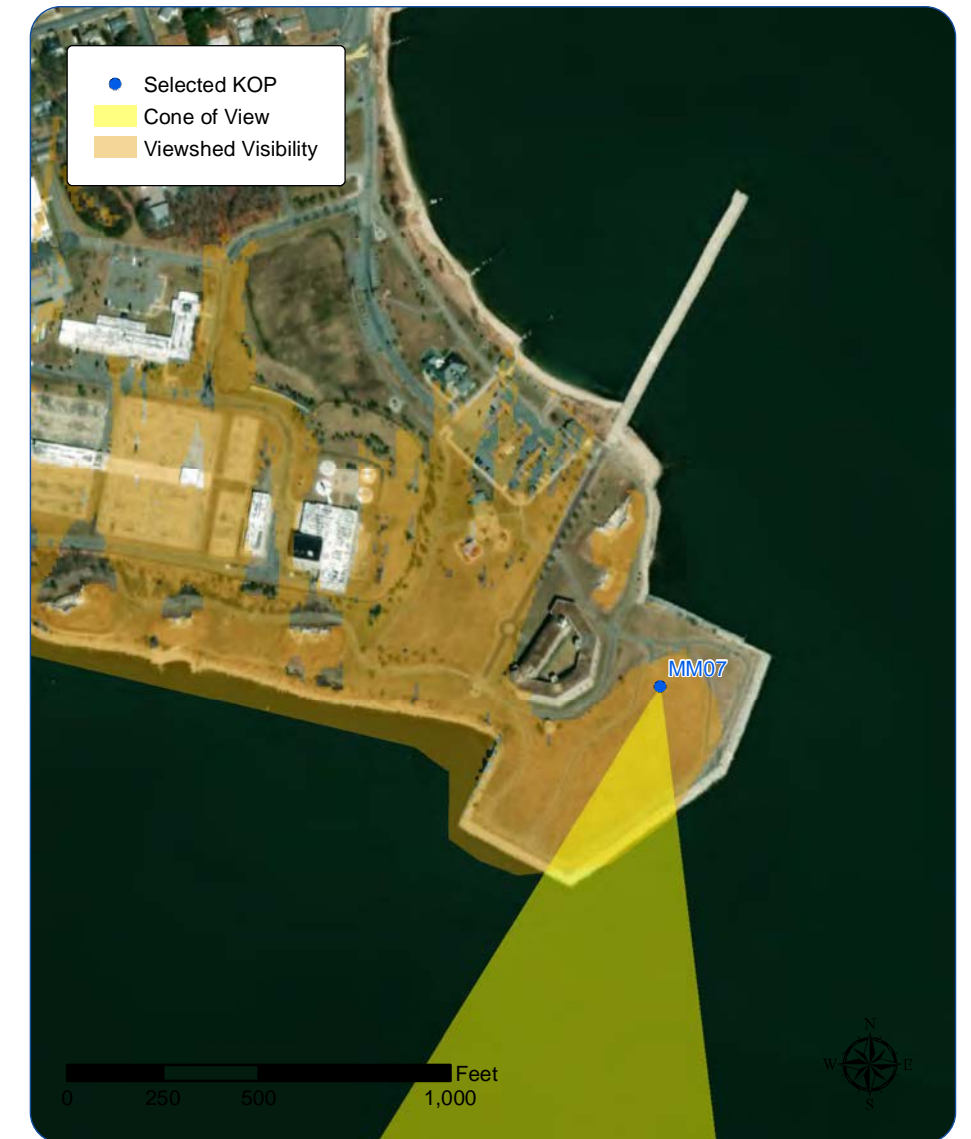
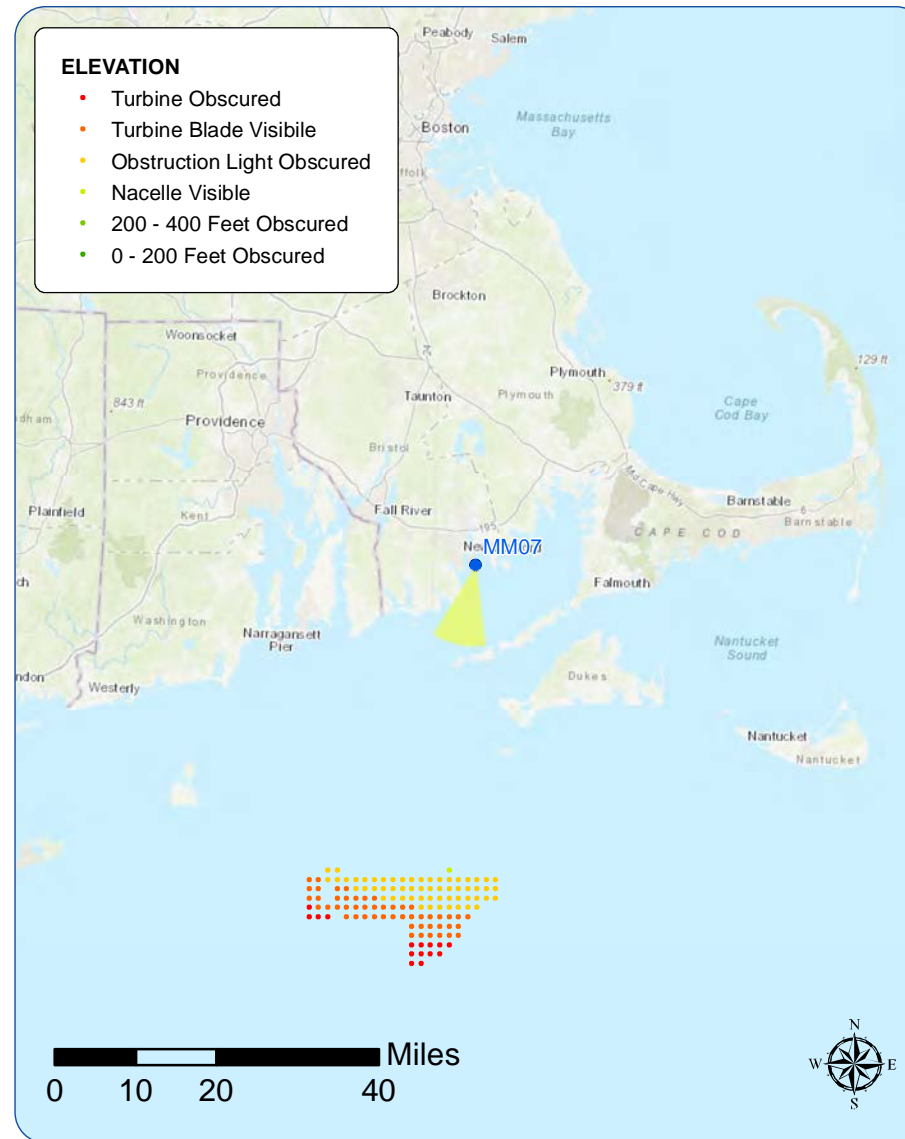
Date Illustrated: 7/16/2020  
 Time: 2:49 PM  
 Temperature: 76 °F  
 Humidity: 54%  
 Visibility: >10 miles  
 Wind Direction: East  
 Wind Speed: 12 mph  
 Conditions Observed: Fair

#### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Clark's Point Lighthouse, Tabor South Public Beach, Tabor South Extension Public Beach, Clark's Point Light, Fort Taber District

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 21.5 feet AMSL



Context Photo: View to the East-Southeast



Simulation Photo: View to the Southeast



Simulation Photo: View to the South



Context Photo: View to the Southwest

#### Sunrise Wind Farm Project

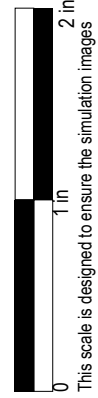
#### Outer Continental Shelf

Viewpoint MM07: View from Fort Taber District, New Bedford

Source: COP Appendix Q1, Appendix C: Sheet 25 of 178



# Existing Conditions



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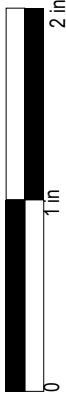
# Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MM07: View from Fort Taber District, New Bedford

Source: COP Appendix Q1 Appendix C: Sheet 27 of 178



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**Sunrise  
Wind**

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### Philbin Beach

#### Viewpoint Information

County: Dukes  
 Town: Aquinnah  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.33742° N, 70.82894° W  
 Direction of View: South to Southwest (208.9°)  
 Distance to Nearest Visible Turbine: 21.0 miles

#### Environmental Data

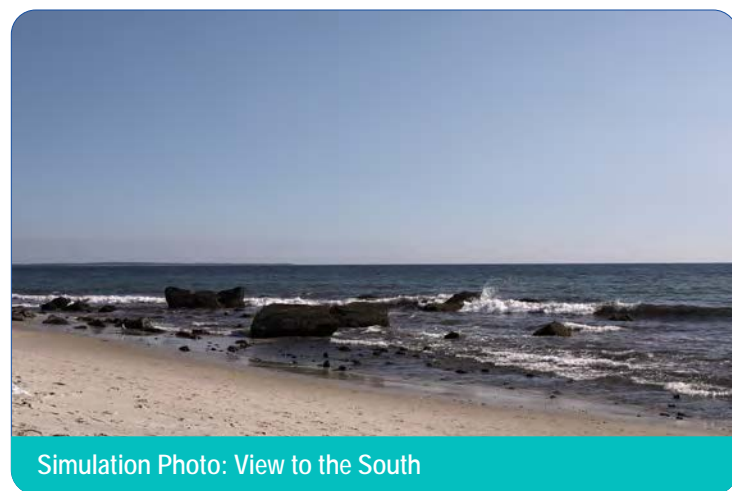
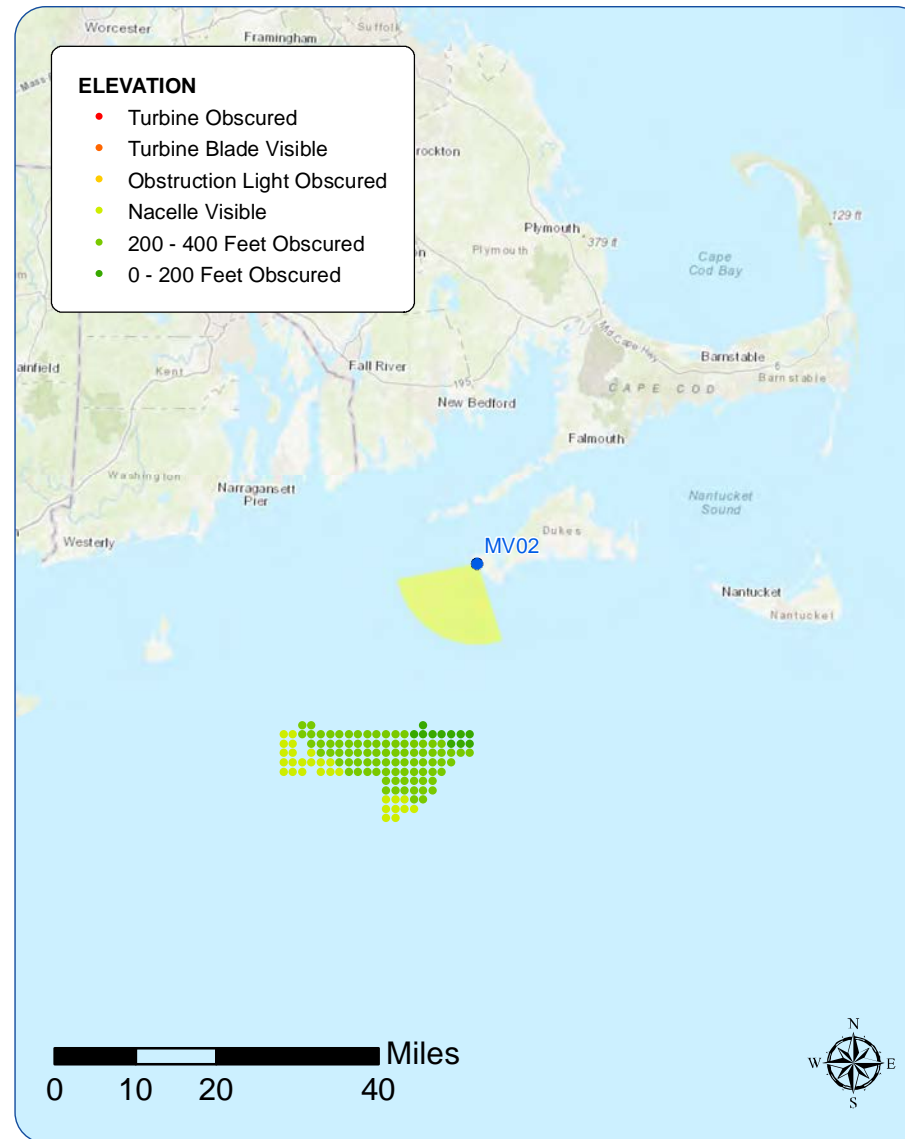
Date Illustrated: 8/9/2017  
 Time: 3:30 PM  
 Temperature: 65.0 °F  
 Humidity: 47%  
 Visibility: >10 miles  
 Wind Direction: Southwest  
 Wind Speed: 10.4 mph  
 Conditions Observed: Clear

#### Visual Resources

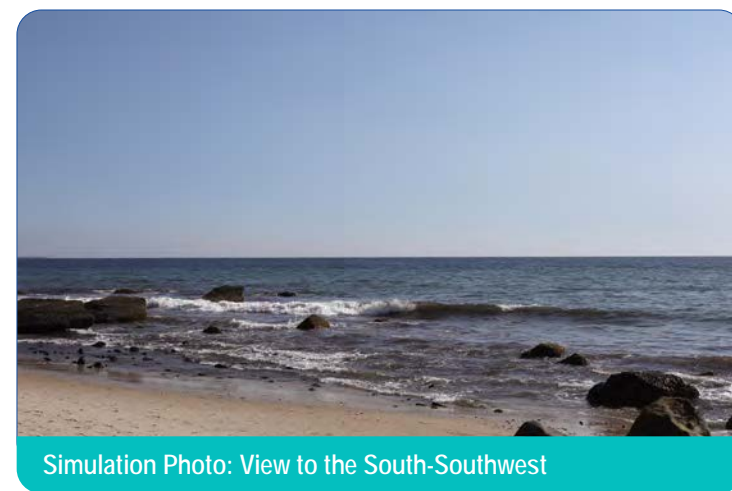
Landscape Similarity Zone: Shoreline Beach  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Moshup Beach, Philbin Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area

#### Camera Information

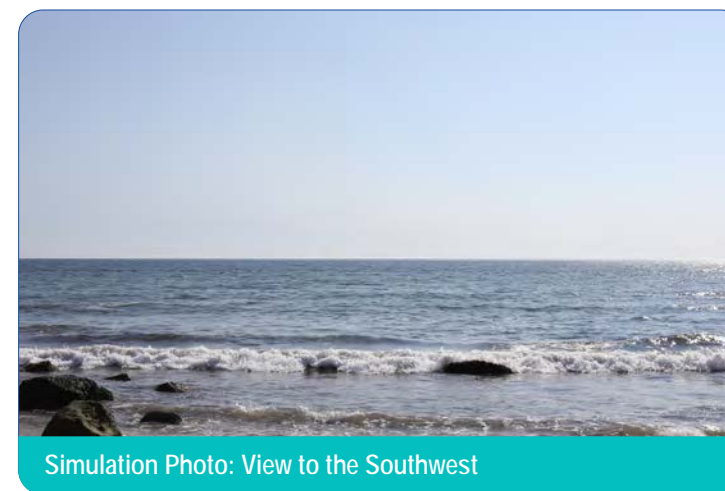
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 10.5 feet AMSL



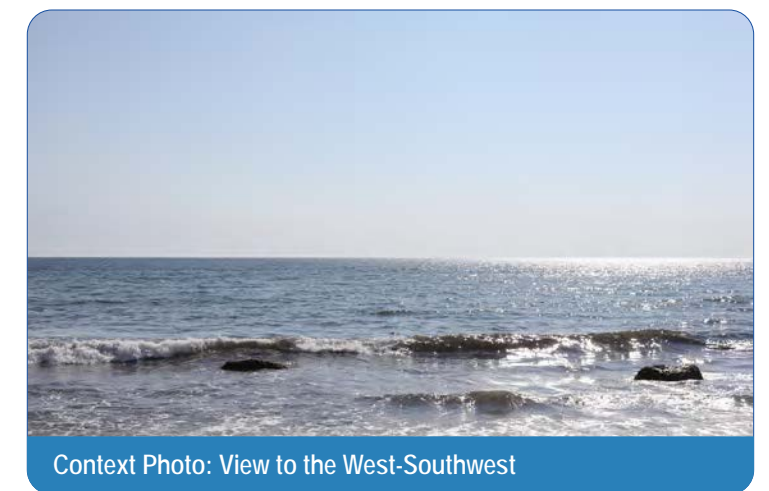
Simulation Photo: View to the South



Simulation Photo: View to the South-Southwest



Simulation Photo: View to the Southwest



Context Photo: View to the West-Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint MV02: View from Philbin Beach, Aquinnah

Source: COP Appendix Q1, Appendix C: Sheet 28 of 178



# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 29 of 178



**Sunrise**  
**Wind**

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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 30 of 178



**Sunrise  
Wind**

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# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 31 of 178



**Sunrise  
Wind**

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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 32 of 178

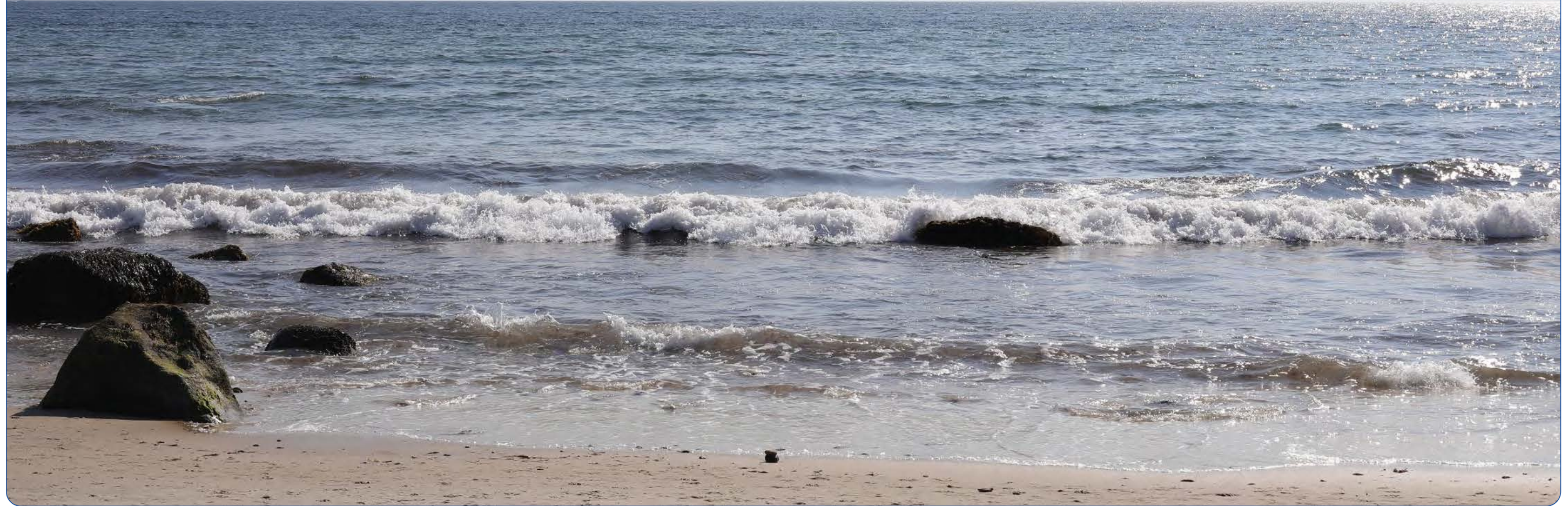


**Sunrise**  
**Wind**

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# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 33 of 178



**Sunrise  
Wind**

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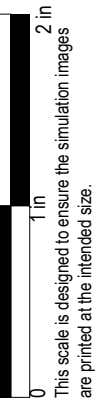
Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV02: View from Philbin Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 34 of 178

**Sunrise  
Wind**

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Eversource



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### Lucy Vincent Beach

#### Viewpoint Information

County: Dukes  
 Town: Chilmark  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.33953° N, 70.72571° W  
 Direction of View: South-Southwest to Southwest (226.4°)  
 Distance to Nearest Visible Turbine: 22 miles

#### Environmental Data

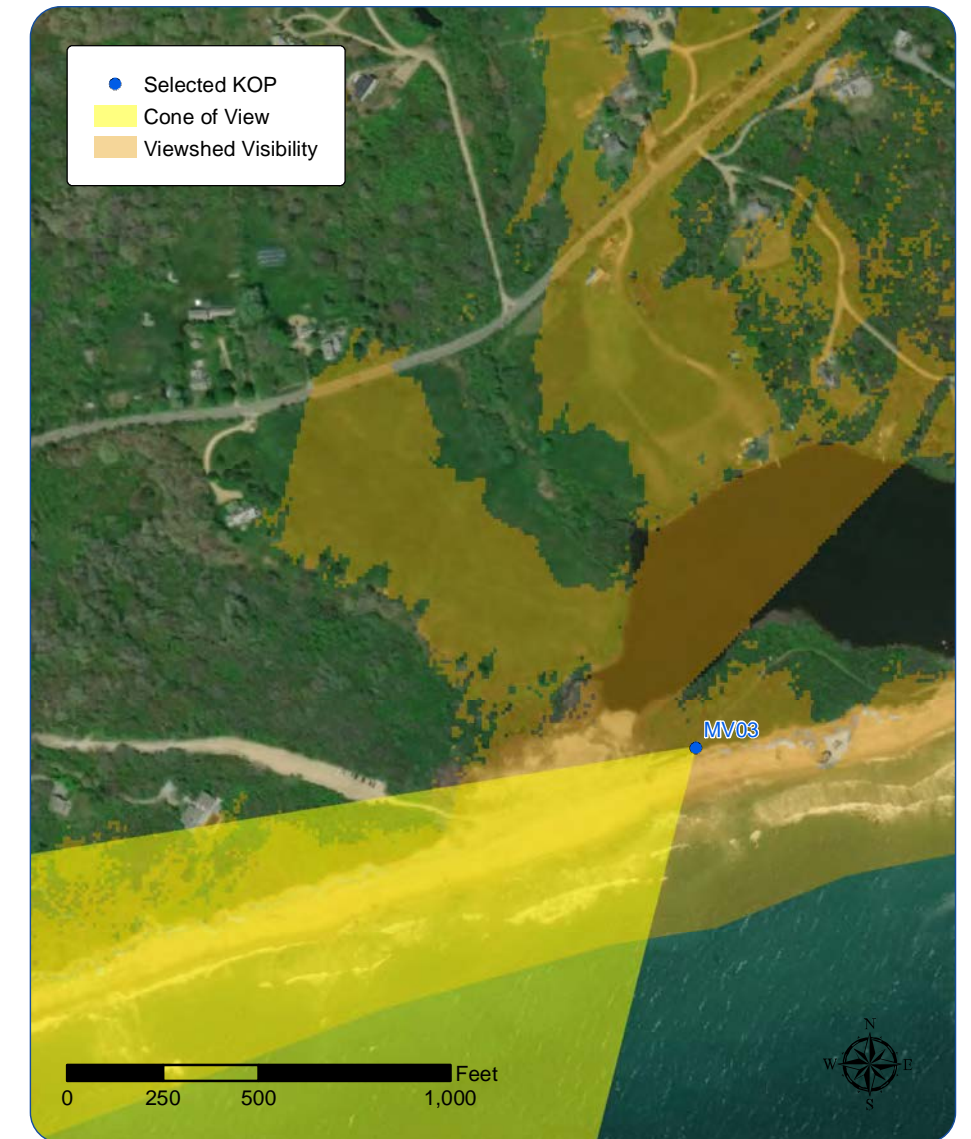
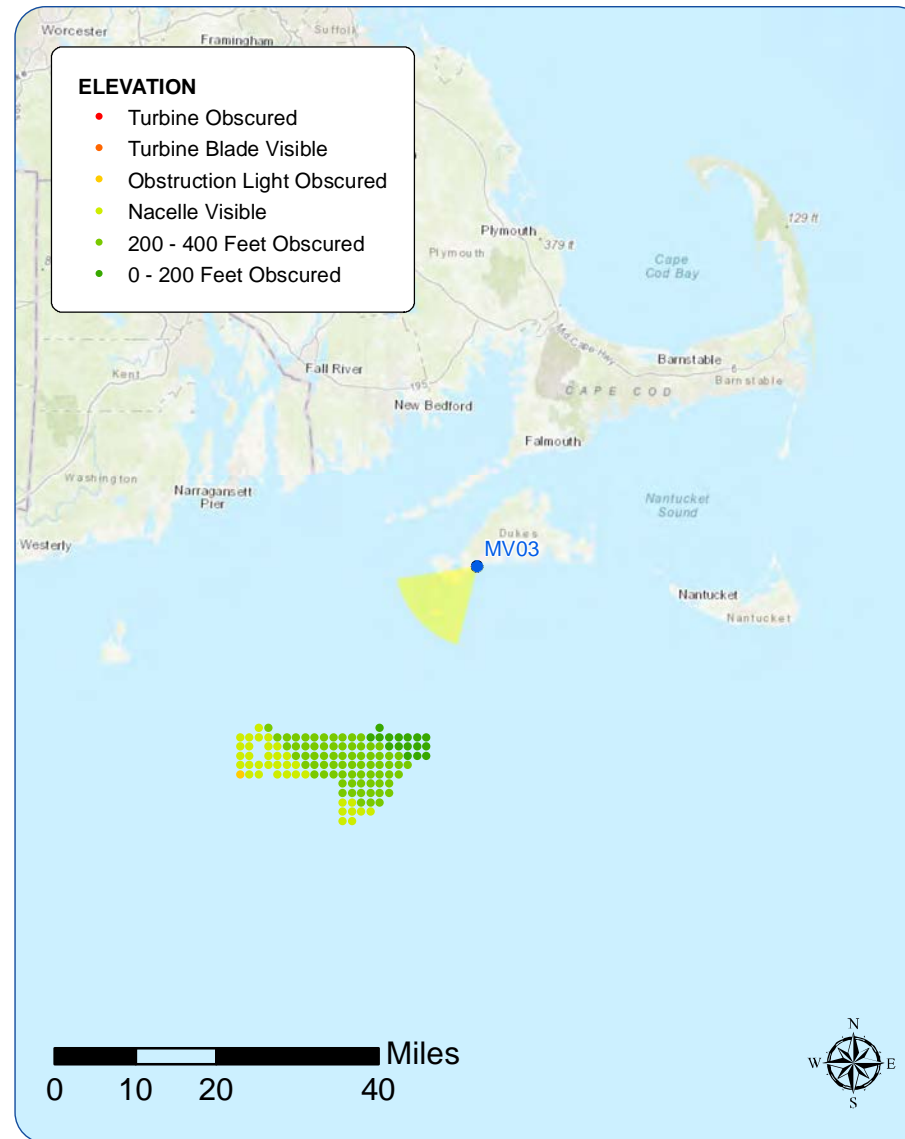
Date Illustrated: 8/9/2017; 12/21/2020  
 Time: 12:55 PM; 4:00 PM  
 Temperature: 77.0 °F  
 Humidity: 60%  
 Visibility: >10.0 miles  
 Wind Direction: South-Southwest  
 Wind Speed: 11.5 mph  
 Conditions Observed: Partly Cloudy

#### Visual Resources

Landscape Similarity Zone: Coastal Bluff  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Gay Head West Tisbury Unit  
 94 State Scenic Area, Ocean at Lucy Vincent Beach,  
 Pond at Lucy Vincent Beach

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 27.7 feet AMSL



Context Photo: View to the South



Simulation Photo: View to the South-Southwest



Simulation Photo: View to the Southwest



Context Photo: View to the West



# Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MV03: View from Lucy Vincent Beach, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 36 of 178



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**Sunrise  
Wind**

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Eversource

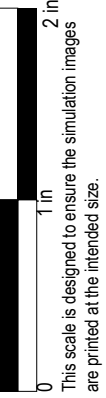


Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MV03: View from Lucy Vincent Beach, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 37 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

Sunrise  
Wind

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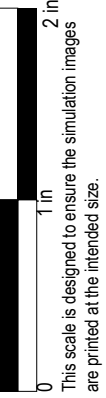


# Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MV03: View from Lucy Vincent Beach, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 38 of 178



Sunrise  
Wind

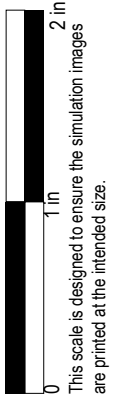
Powered by  
Ørsted &  
Eversource



# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV03: View from Lucy Vincent Beach, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 39 of 178



**Sunrise  
Wind**

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Ørsted &  
Eversource



# Photographic Rendering - Sunset Conditions



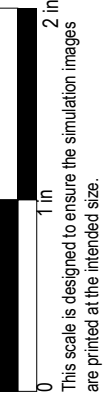
Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV03: View from Lucy Vincent Beach, Chilmark

Source: COP Appendix Q1, Appendix C: Sheet 40 of 178

Sunrise  
Wind



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### Moshup Beach

#### Viewpoint Information

County: Dukes  
 Town: Aquinnah  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.34137° N, 70.83226° W  
 Direction of View: South-Southwest to Southwest (210.2°)  
 Distance to Nearest Visible Turbine: 21.2 miles

#### Environmental Data

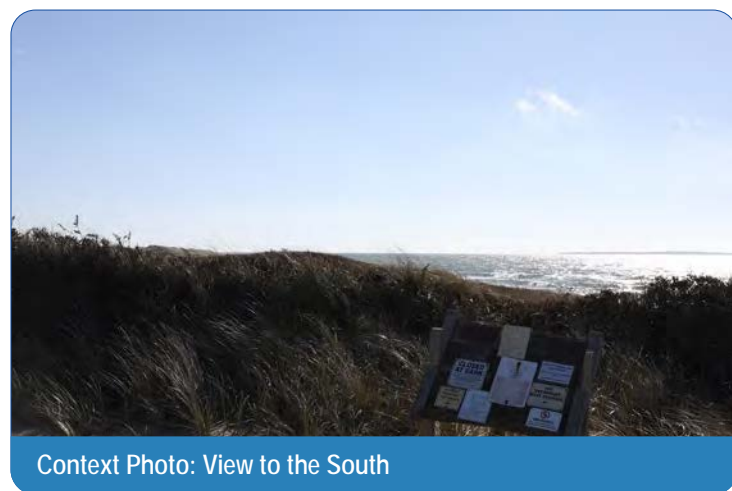
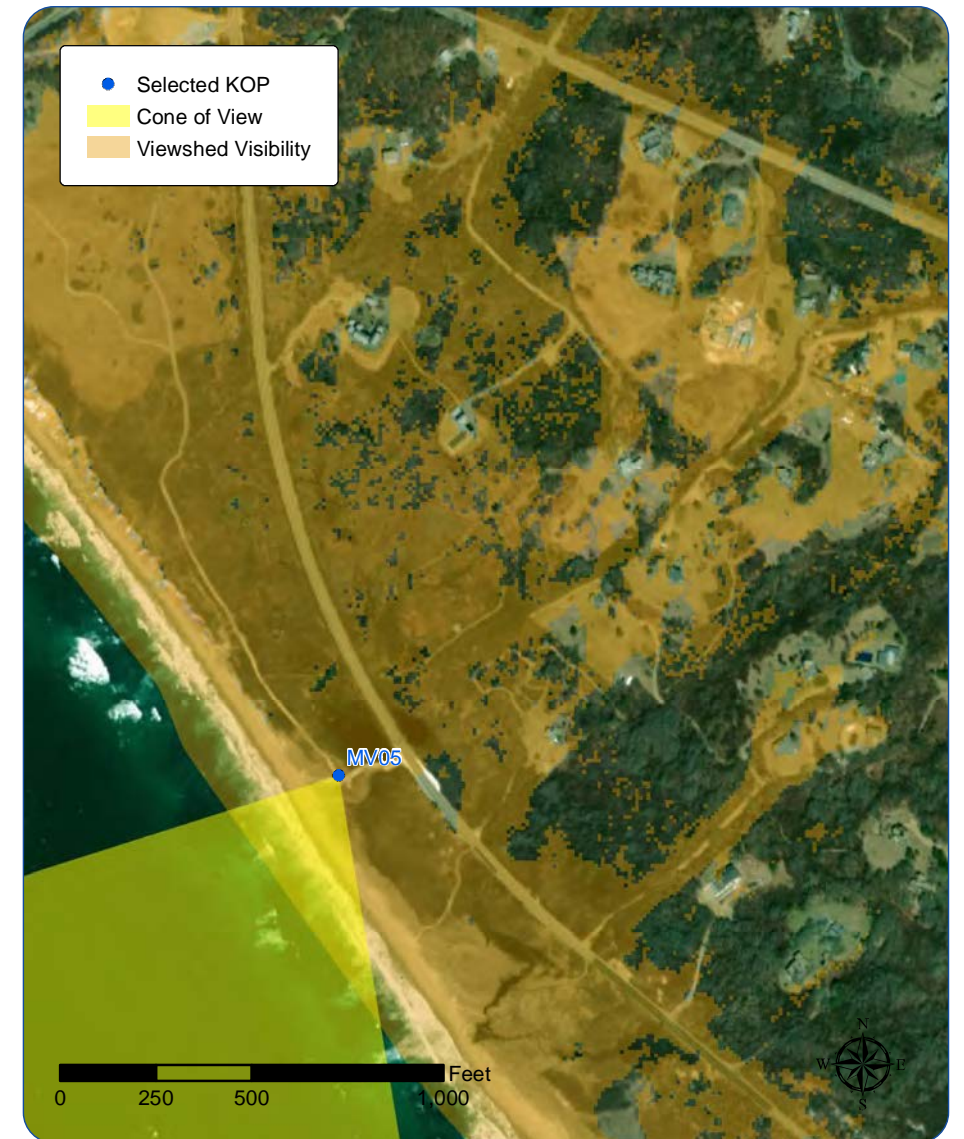
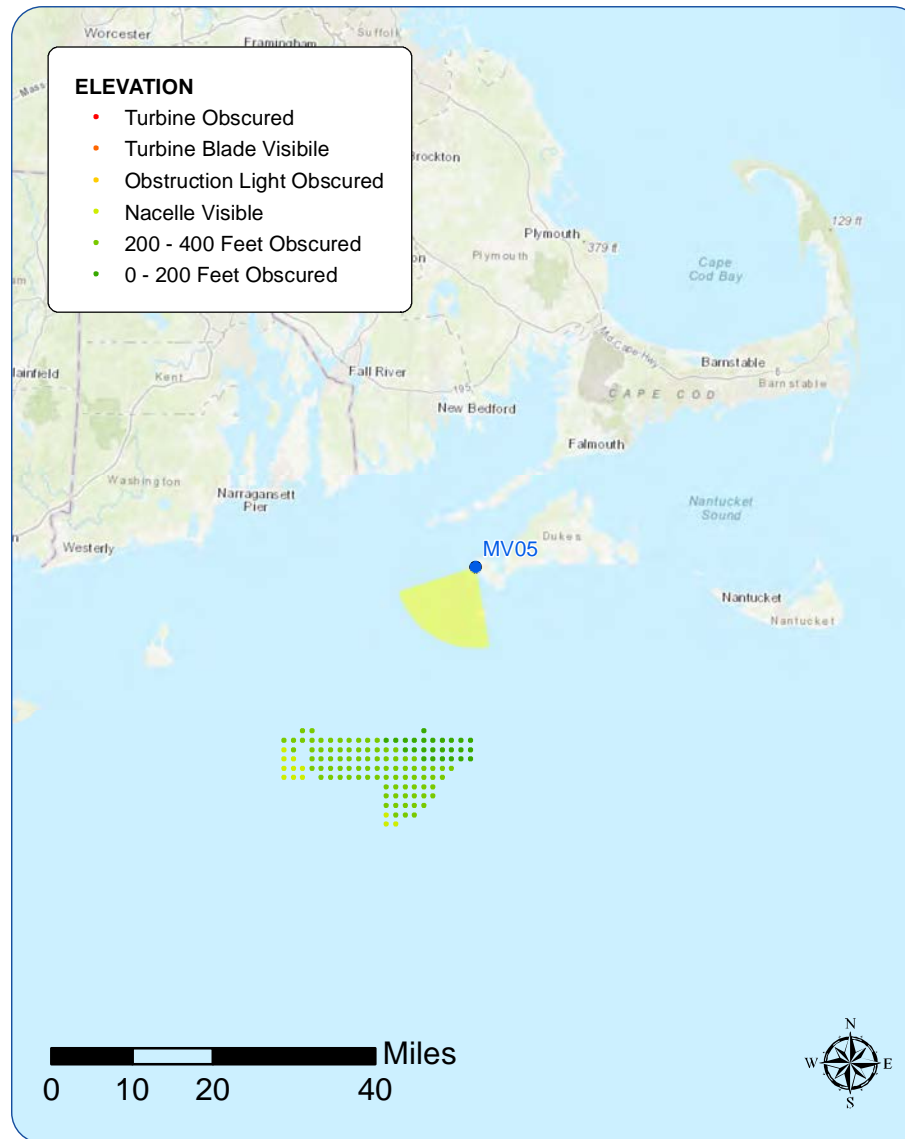
Date Illustrated: 11/25/2017  
 Time: 10:04 AM  
 Temperature: 57 °F  
 Humidity: 69%  
 Visibility: >10.0 miles  
 Wind Direction: South-Southwest  
 Wind Speed: 13.8 mph  
 Conditions Observed: Partly Cloudy

#### Visual Resources

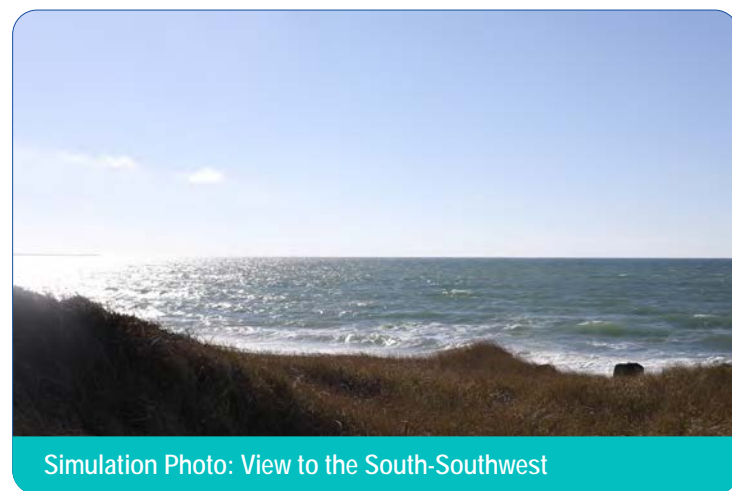
Landscape Similarity Zone: Coastal Dunes  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Moshup Beach, Philbin Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area

#### Camera Information

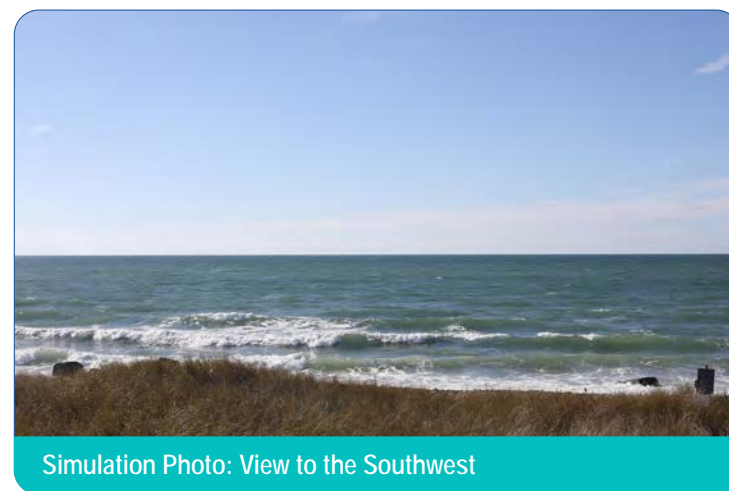
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 23.1 feet AMSL



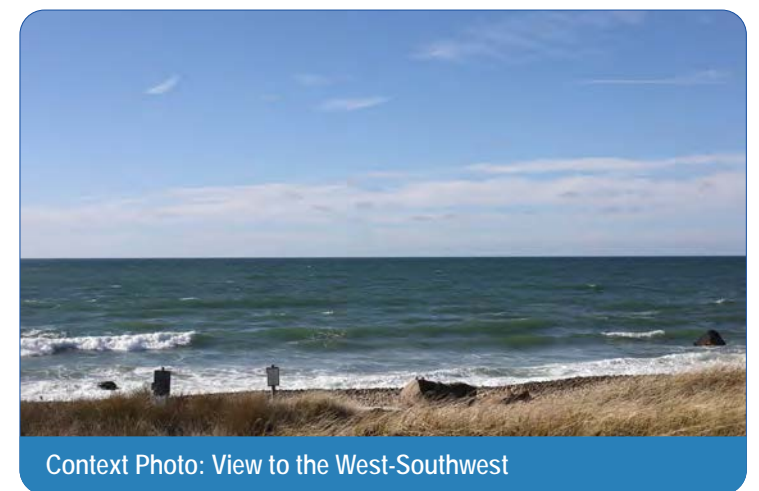
Context Photo: View to the South



Simulation Photo: View to the South-Southwest



Simulation Photo: View to the Southwest



Context Photo: View to the West-Southwest



# Existing Conditions





Photosimulation

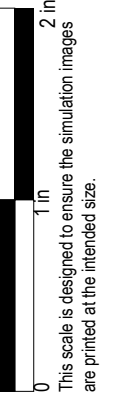


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV05: View from Moshup Beach, Aquinnah

Source: COP Appendix Q1, Appendix C: Sheet 43 of 178



Sunrise  
Wind

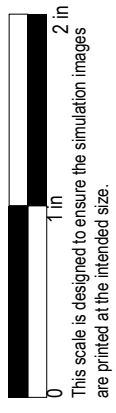
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Eversource



# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV05: View from Moshup Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 44 of 178



**Sunrise  
Wind**

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Eversource



Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MV05: View from Moshup Beach, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 45 of 178



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Sunrise  
Wind

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### Aquinnah Overlook

#### Viewpoint Information

County: Dukes  
 Town: Aquinnah  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.34731° N, 70.83700° W  
 Direction of View: South to Southwest (205.5°)  
 Distance to Nearest Visible Turbine: 21.5 miles

#### Environmental Data

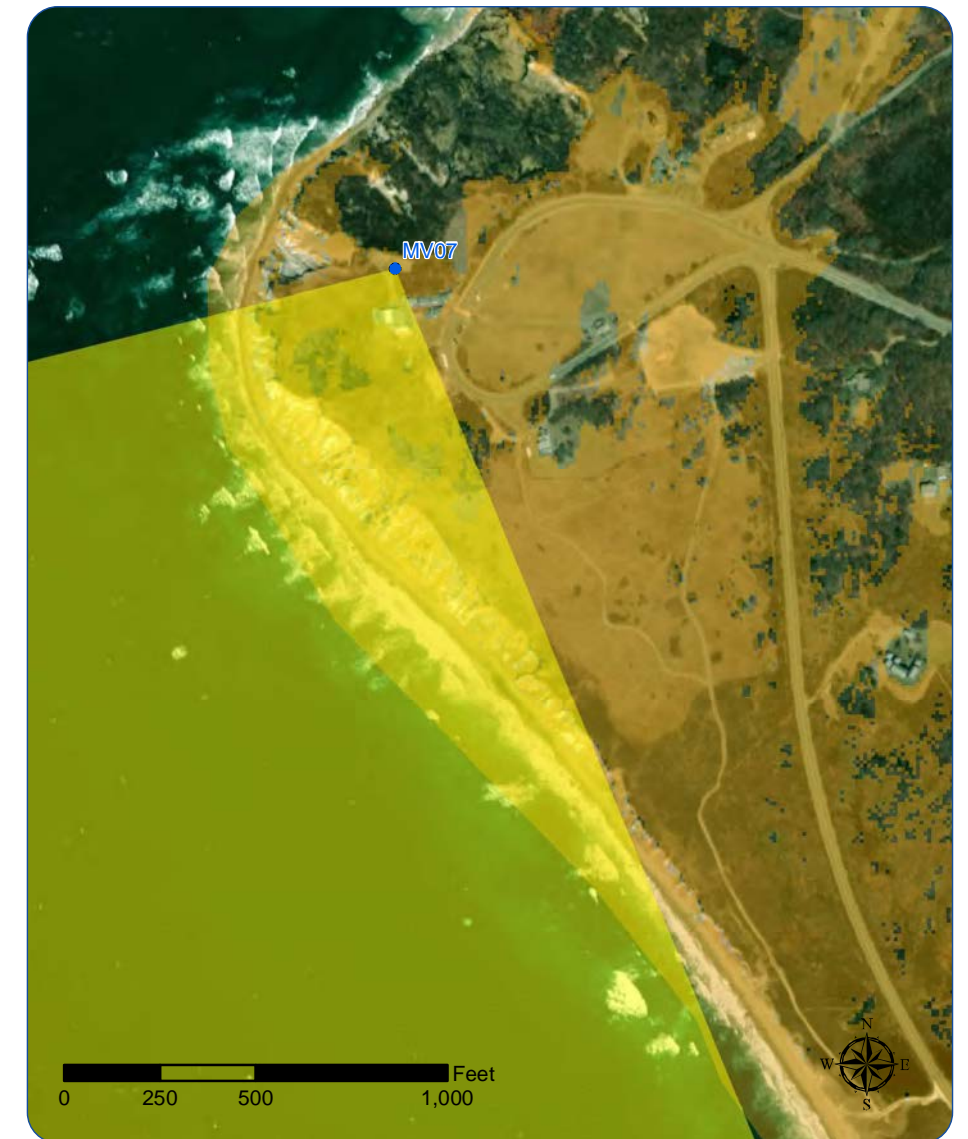
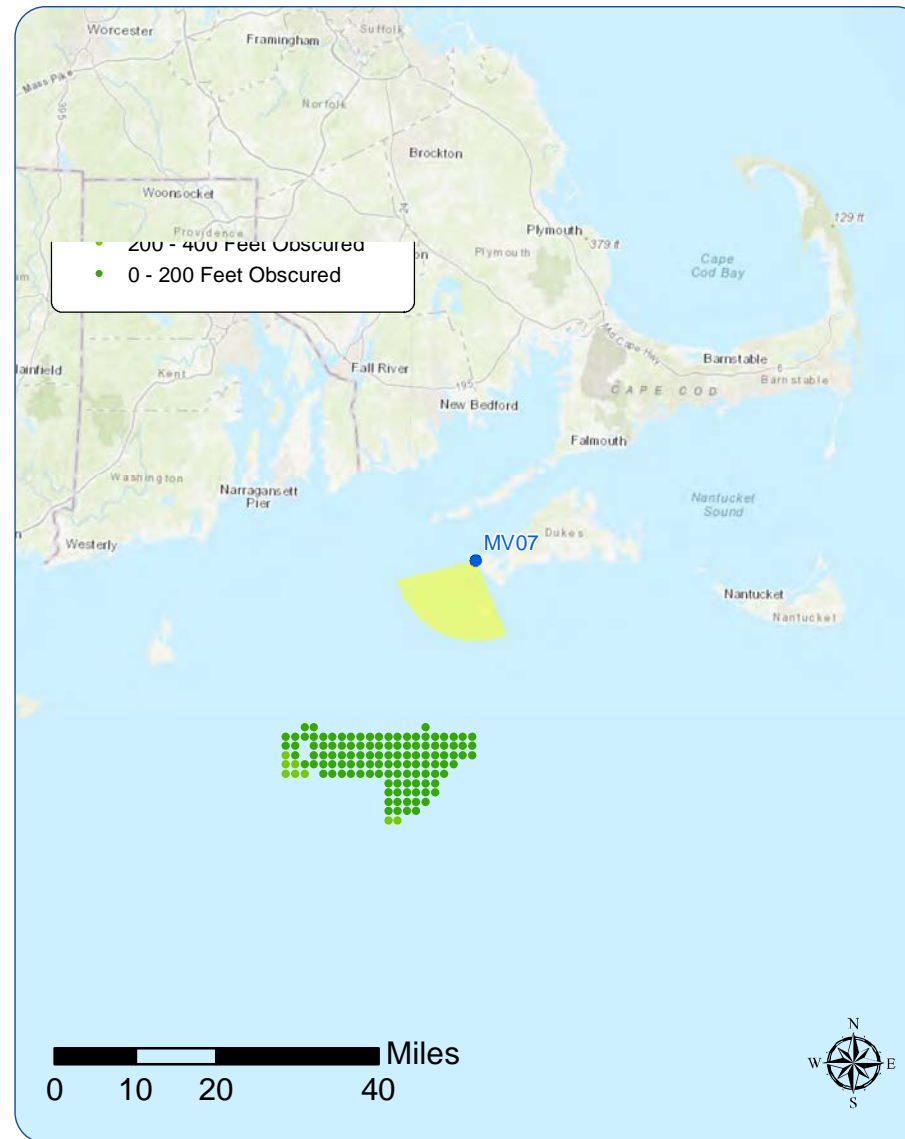
Date Illustrated: 8/4/2017; 11/25/2020  
 Time: 8:57 AM; 4:06 PM  
 Temperature: 75.0 °F  
 Humidity: 76%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 9.2 mph  
 Conditions Observed: Partly Cloudy

#### Visual Resources

Landscape Similarity Zone: Coastal Bluff  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin DeVries Vanderhoop Homestead, Gay Head Light

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 145.5 feet AMSL



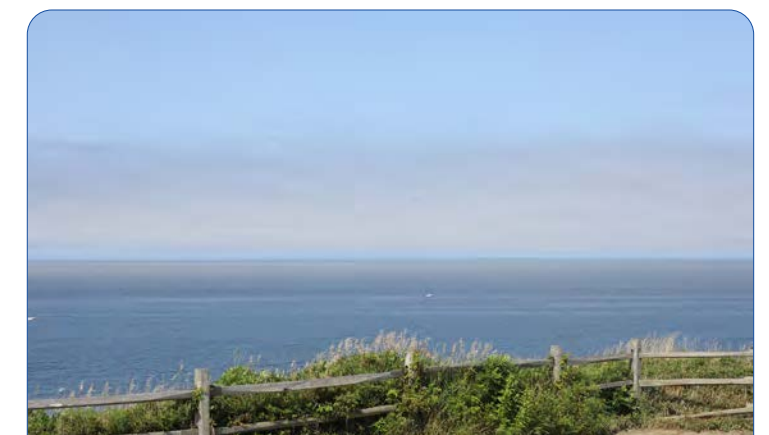
Simulation Photo: View to the South



Simulation Photo: View to the South-Southwest



Simulation Photo: View to the Southwest



Context Photo: View to the West-Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint MV07: View from Aquinnah Overlook, Aquinnah, Massachusetts

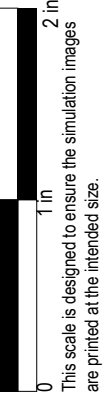
Source: COP Appendix Q1, Appendix C: Sheet 46 of 178



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Existing Conditions





Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 48 of 178

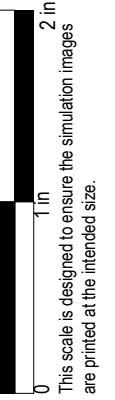


Sunrise  
Wind

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# Existing Conditions





Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 50 of 178

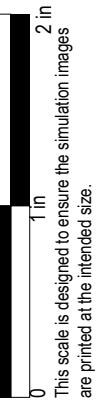


**Sunrise  
Wind**

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# Existing Conditions





Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 52 of 178



**Sunrise**  
**Wind**

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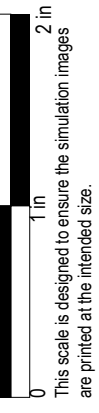
# Photographic Rendering - Sunset Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 53 of 178

Sunrise  
Wind

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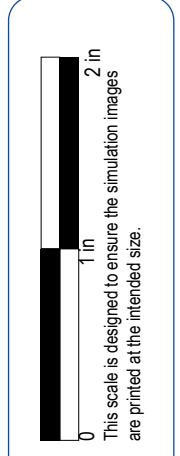




# Photographic Rendering - Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 54 of 178

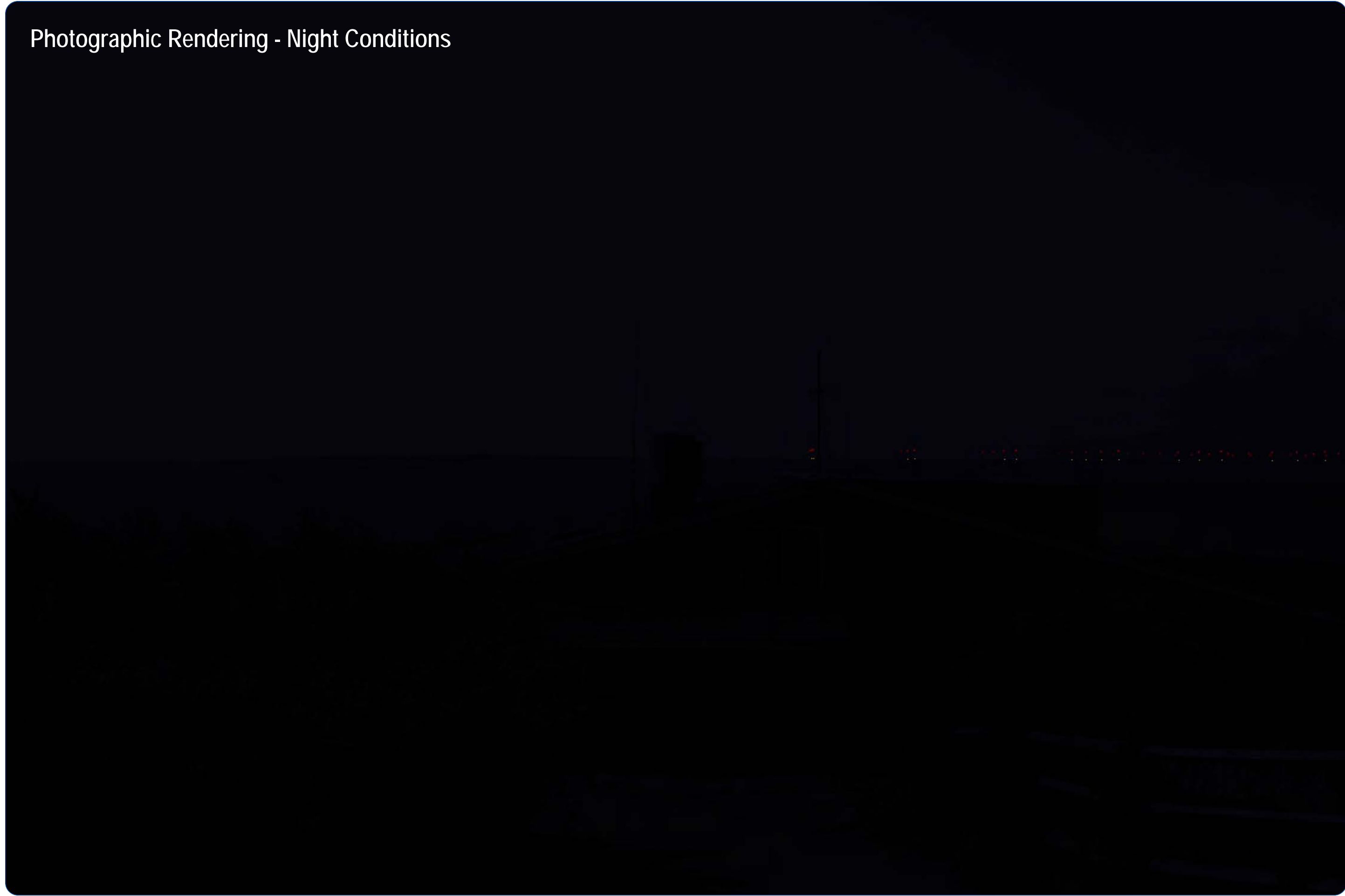


**Sunrise**  
**Wind**

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# Photographic Rendering - Night Conditions



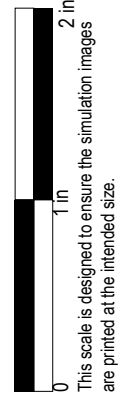
Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV07: View from Aquinnah Overlook, Aquinnah

Source: COP Appendix Q1, Appendix C: Sheet 55 of 178

**Sunrise  
Wind**



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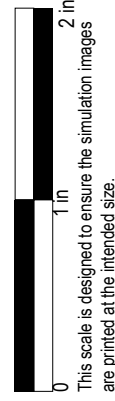
# Photographic Rendering - Existing Conditions

Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint MV07: View from Aquinnah Overlook, Aquinnah  
Source: COP Appendix Q1, Appendix C: Sheet 56 of 178

Sunrise  
Wind

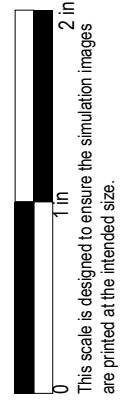
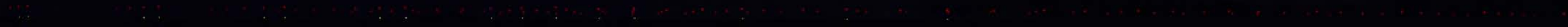
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# Photographic Rendering - Night Conditions





## Gay Head Lighthouse

### Viewpoint Information

County: Dukes  
 Town: Aquinnah  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.34832° N, 70.83455° W  
 Direction of View: South to South-Southwest  
 (198.8°)  
 Distance to Nearest Visible Turbine: 21.6 miles

### Environmental Data

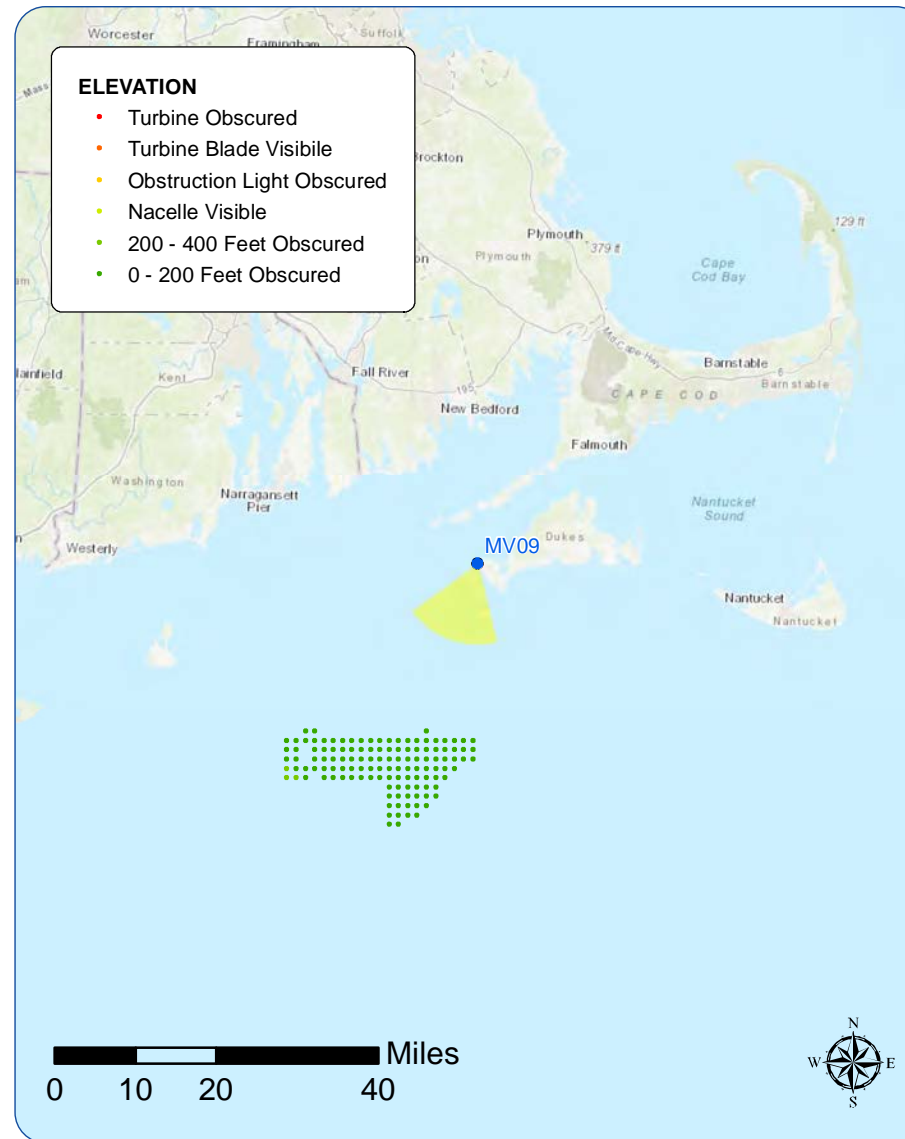
Date Illustrated: 8/4/2017; 12/21/2020  
 Time: 9:18 AM; 4:00 PM  
 Temperature: 76.0 °F  
 Humidity: 74%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 9.2 mph  
 Conditions Observed: Partly Cloudy

### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin D. Vanderhoop Homestead, Gay Head Light

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 162.1 feet AMSL



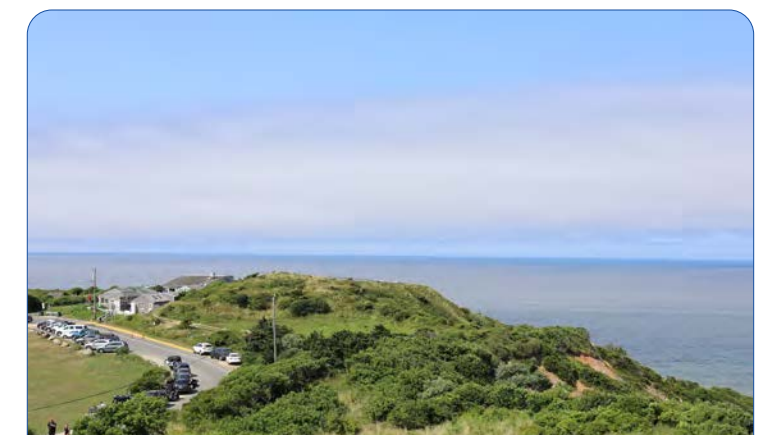
Simulation Photo: View to the South



Simulation Photo: View to the South-Southwest



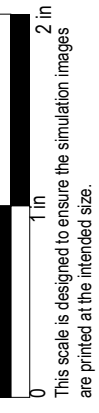
Context Photo: View to the Southwest



Context Photo: View to the West-Southwest

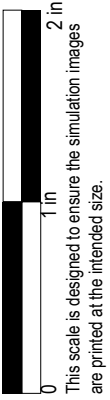


# Existing Conditions



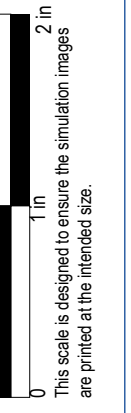


Photosimulation





# Existing Conditions





Photosimulation

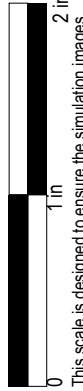


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV09: View from Gay Head Lighthouse, Aquinnah

Source: COP Appendix Q1, Appendix C: Sheet 62 of 178



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Sunrise  
Wind

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# Photographic Rendering - Sunset Conditions



Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV09: View from Gay Head Lighthouse, Aquinnah

Source: COP Appendix Q1, Appendix C: Sheet 63 of 178

Sunrise  
Wind

0 1 in 2 in  
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### South Beach State Park

#### Viewpoint Information

County: Dukes  
 Town: Edgartown  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.34982° N, 70.53103° W  
 Direction of View: Southwest (229.8°)  
 Distance to Nearest Visible Turbine: 27.1 miles

#### Environmental Data

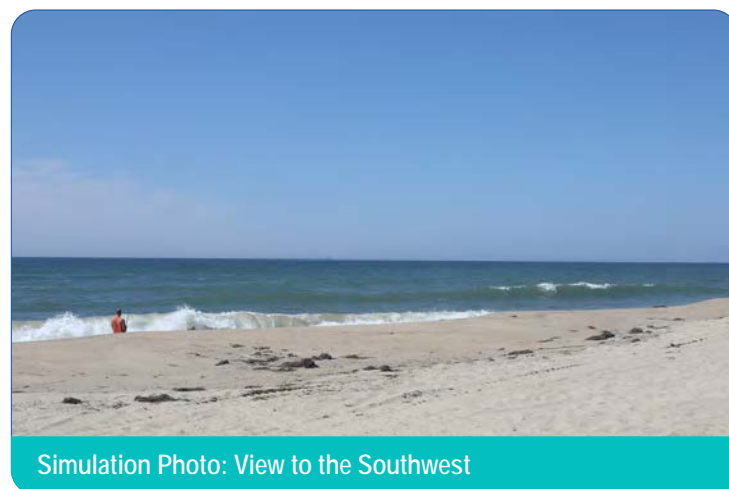
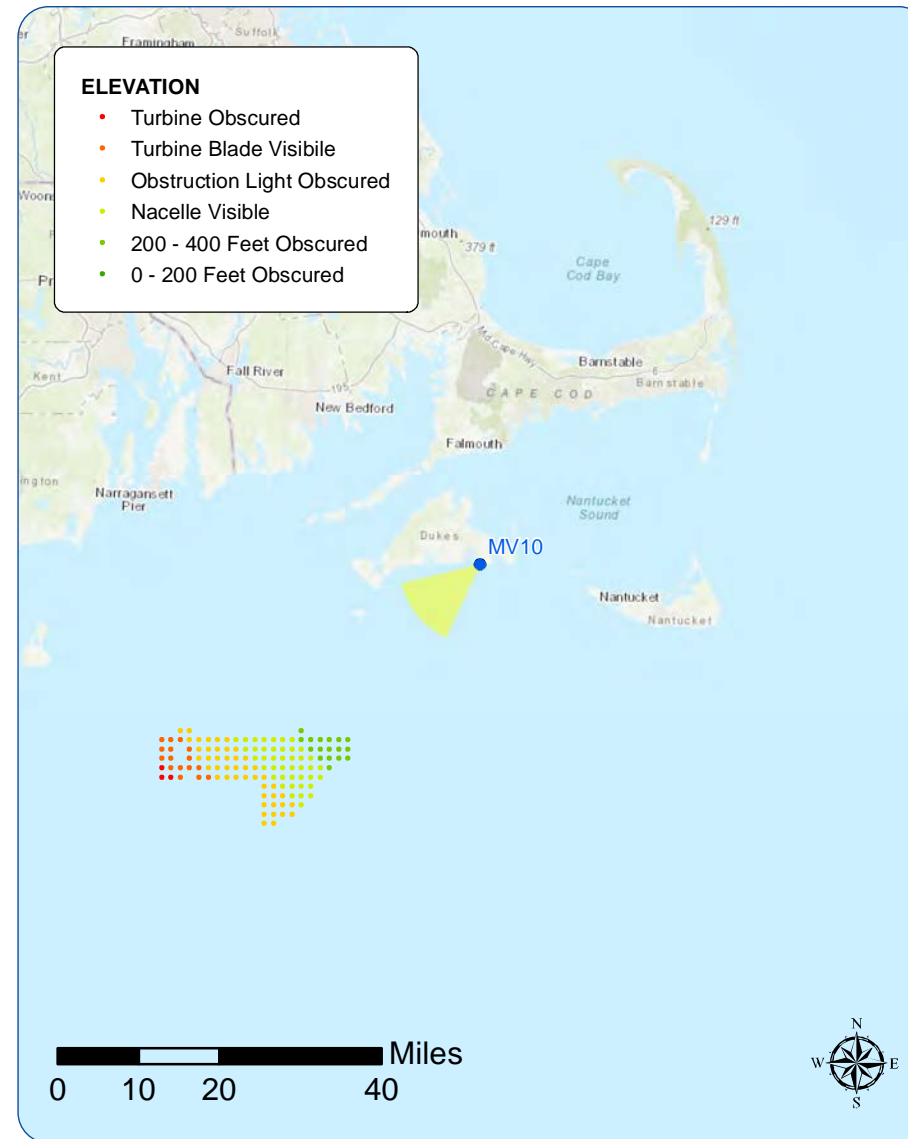
Date Illustrated: 8/9/2017  
 Time: 9:42 AM  
 Temperature: 79.0 °F  
 Humidity: 40%  
 Visibility: >10.0 miles  
 Wind Direction: Variable  
 Wind Speed: 4.6 mph  
 Conditions Observed: Partly cloudy

#### Visual Resources

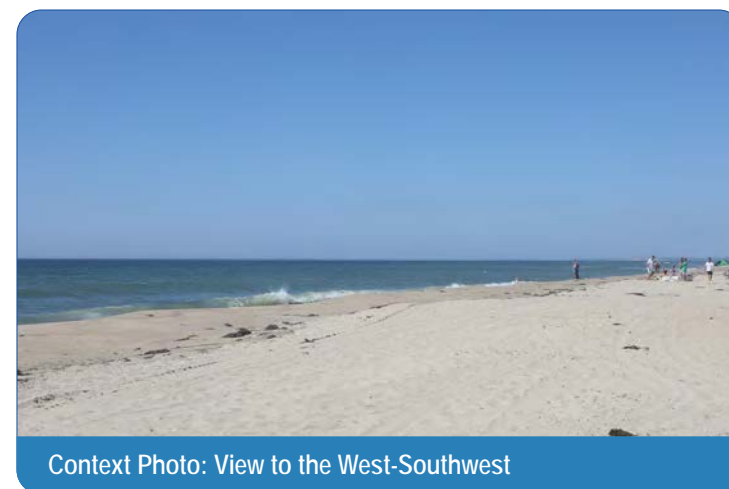
Landscape Similarity Zone: Shoreline Beach  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: South Beach State Park

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 17.0 feet AMSL



Simulation Photo: View to the Southwest



Context Photo: View to the West-Southwest



Context Photo: View to the West-Northwest



Context Photo: View to the Northwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint MV10: View from South Beach State Park, Edgartown, Massachusetts

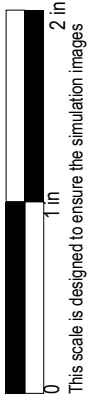
Source: COP Appendix Q1, Appendix C: Sheet 64 of 178



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# Existing Conditions





# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint MV10: View from South Beach State Park, Edgartown  
Source: COP Appendix Q1, Appendix C: Sheet 66 of 178



**Sunrise**  
**Wind**

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### Wasque Point

#### Viewpoint Information

County: Dukes  
 Town: Edgartown  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.35082° N, 70.46179° W  
 Direction of View: Southwest (234.2°)  
 Distance to Nearest Visible Turbine: 29.4 miles

#### Environmental Data

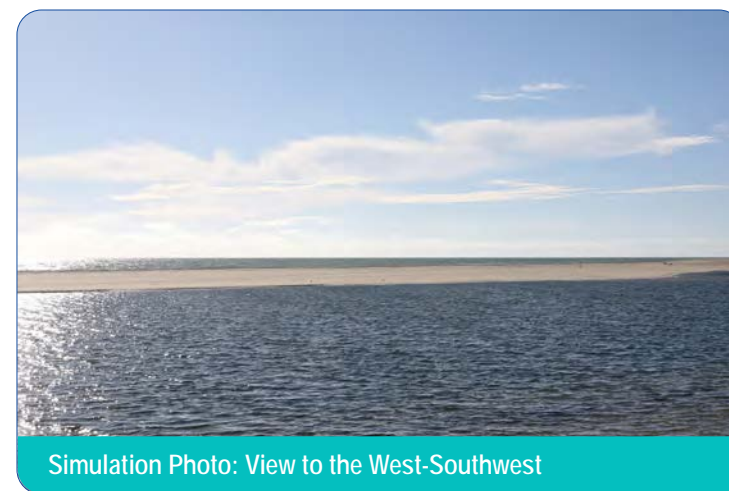
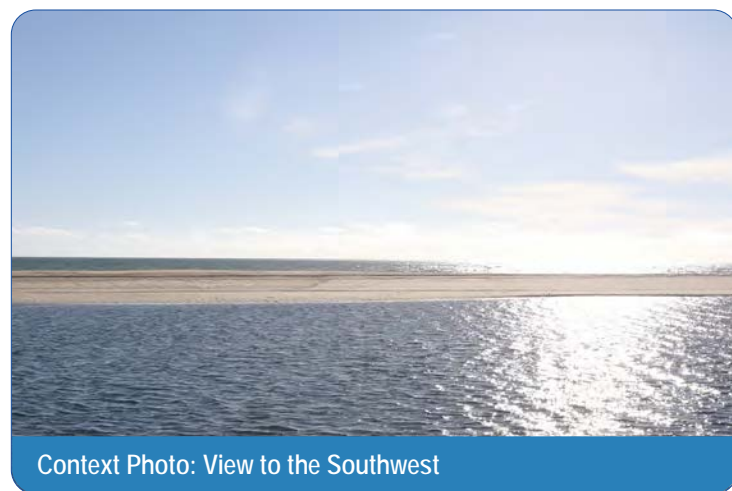
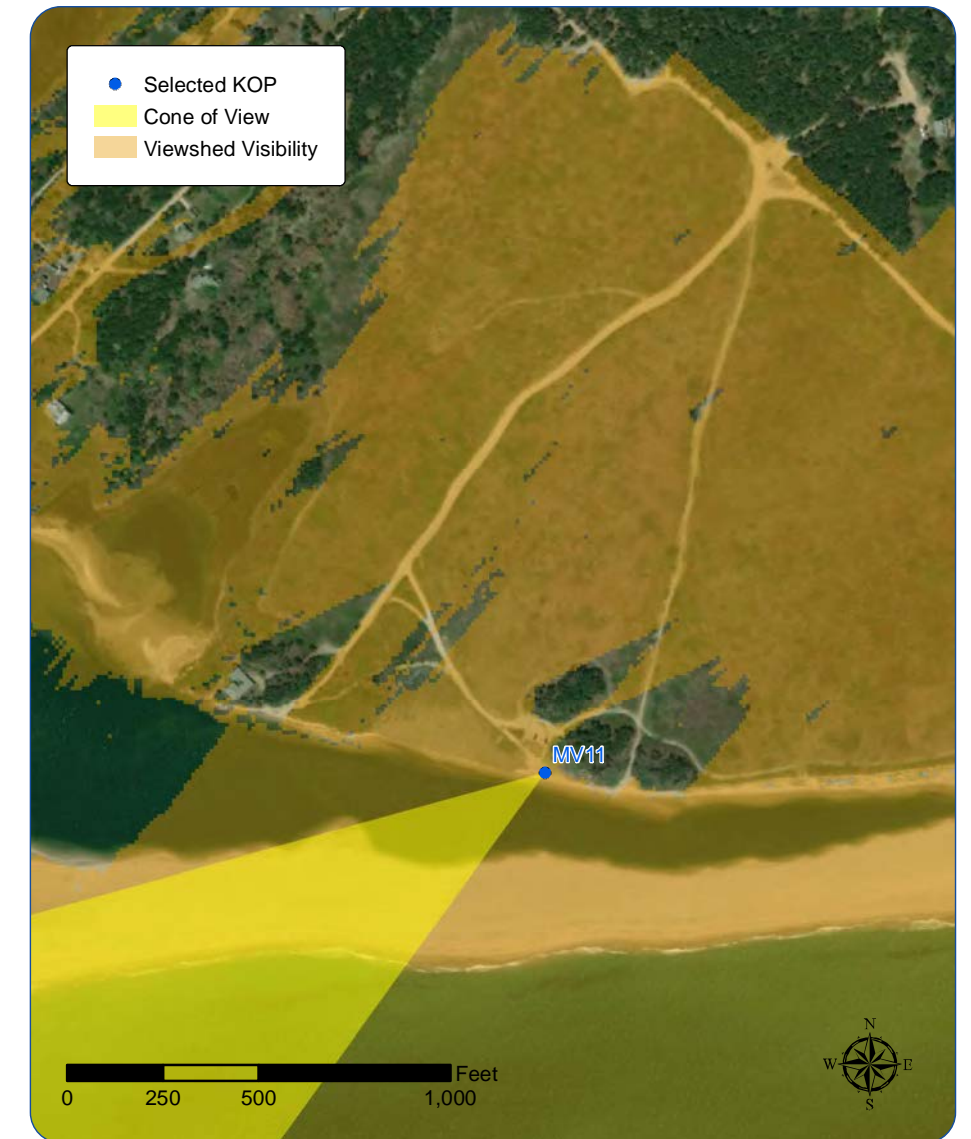
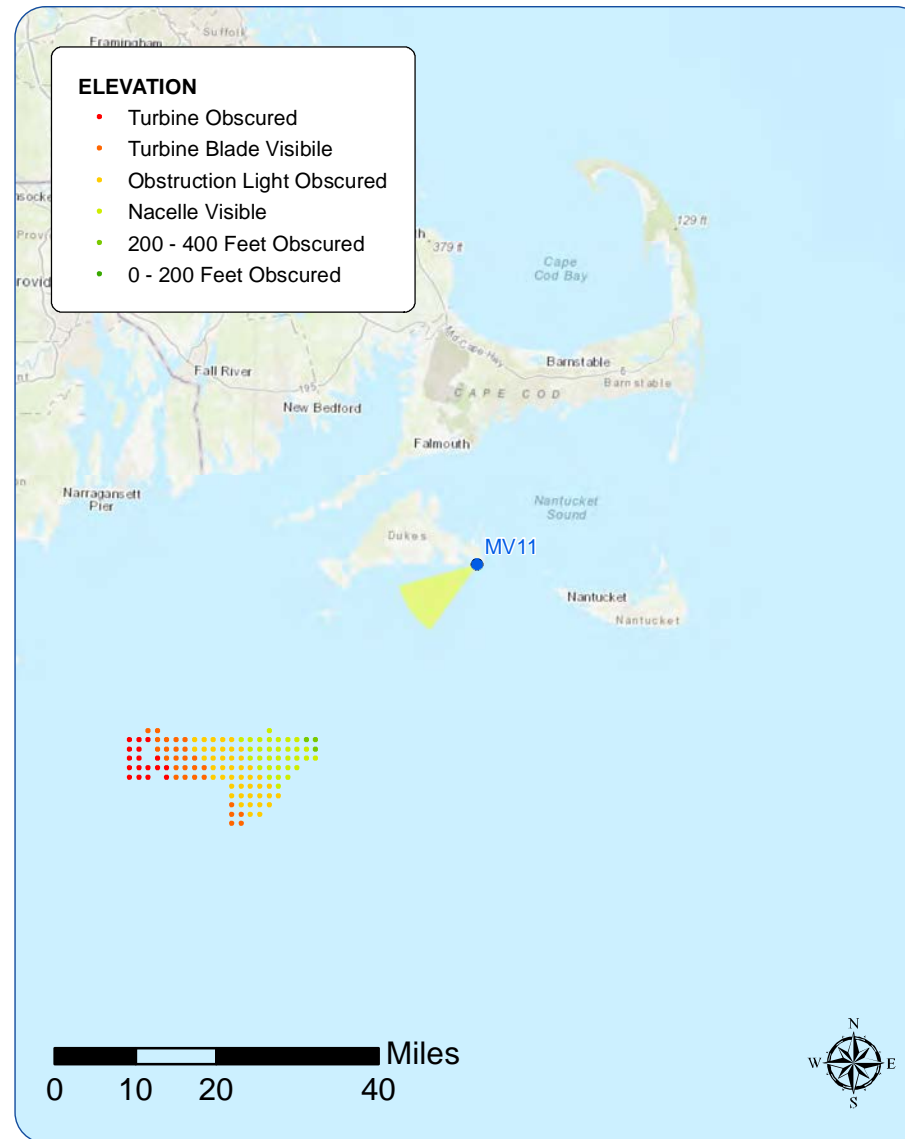
Date Illustrated: 11/25/2017  
 Time: 12:32 PM  
 Temperature: 57.0 °F  
 Humidity: 69%  
 Visibility: >10.0 miles  
 Wind Direction: SSW  
 Wind Speed: 18.0 mph  
 Conditions Observed: Clear

#### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Wasque Swim Beach

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 13.6 feet AMSL



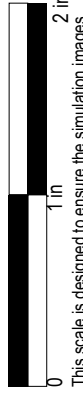


# Existing Conditions





Photosimulation



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### Peaked Hill Reservation

#### Viewpoint Information

County: Dukes  
 Town: Chilmark  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.35521° N, 70.73535° W  
 Direction of View: South-Southwest (212.0°)  
 Distance to Nearest Visible Turbine: 22.9 miles

#### Environmental Data

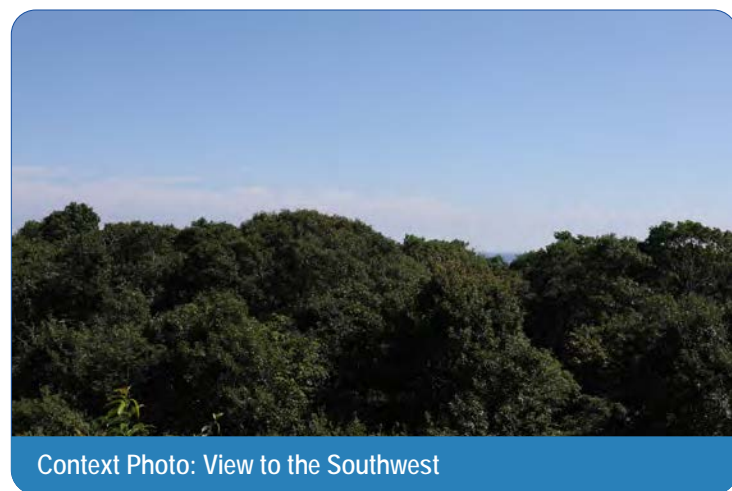
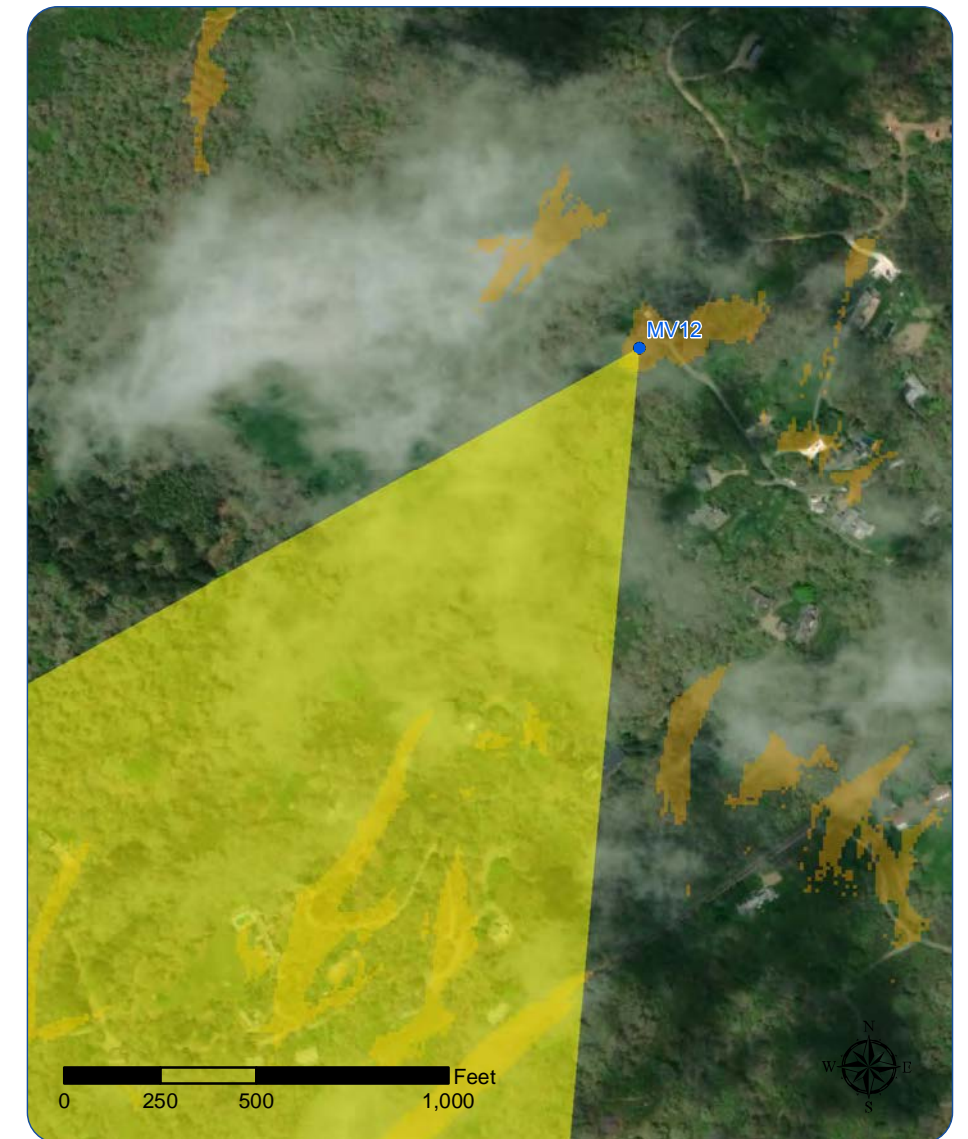
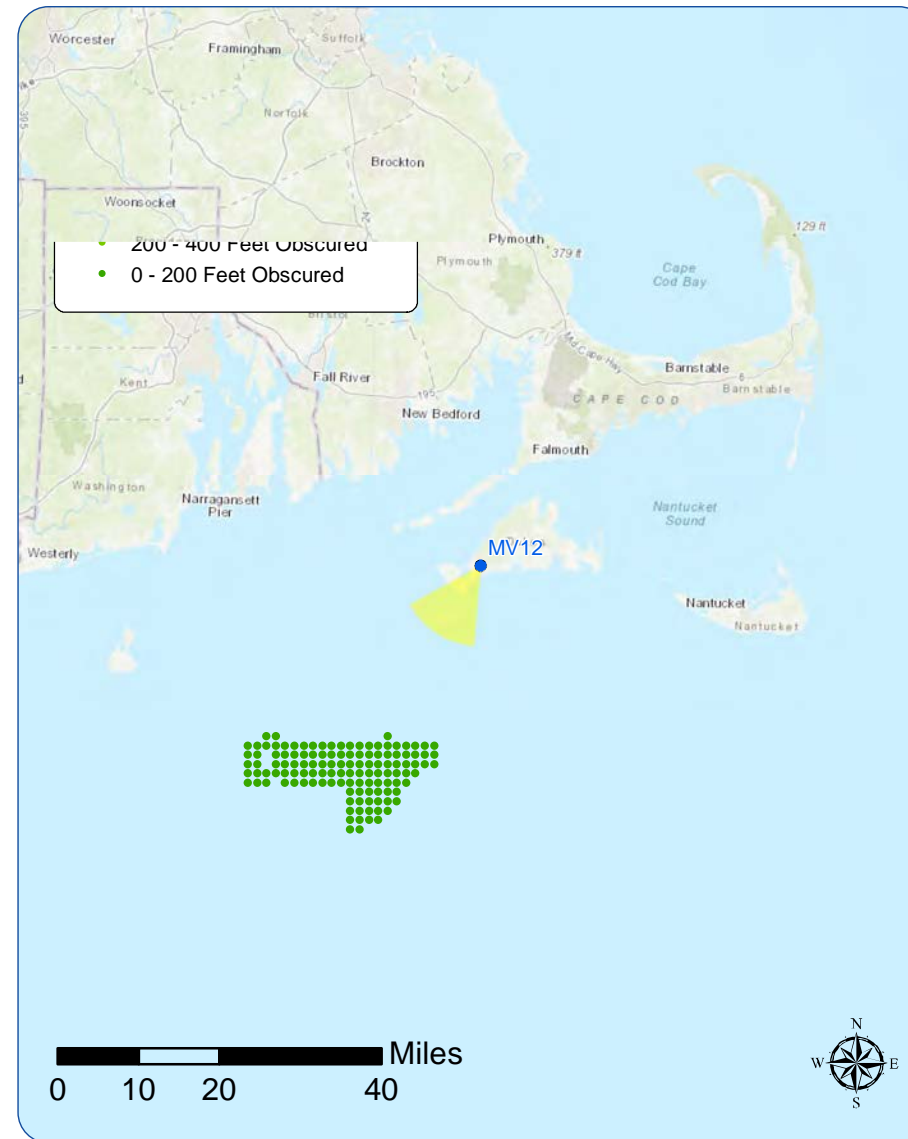
Date Illustrated: 8/9/2017; 12/21/2020  
 Time: 2:31 PM; 4:00 PM  
 Temperature: 77.0 °F  
 Humidity: 46%  
 Visibility: >10 miles  
 Wind Direction: Southwest  
 Wind Speed: 10 mph  
 Conditions Observed: Clear

#### Visual Resources

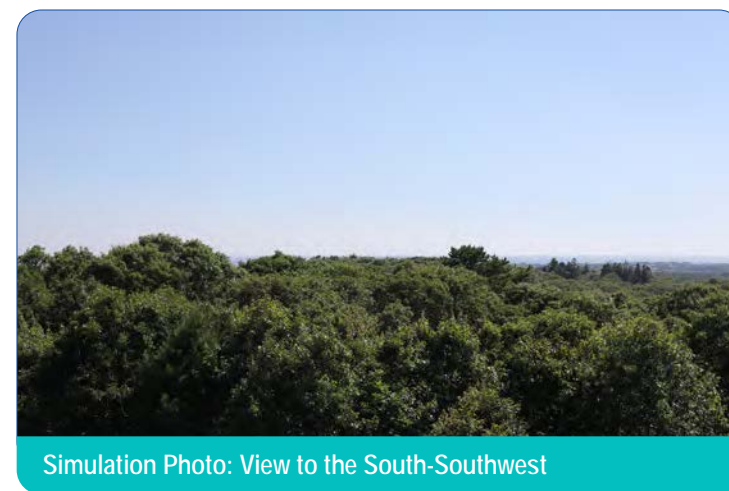
Landscape Similarity Zone: Forest  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Identified by the Wampanoag of Gay Head

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 305.1 feet AMSL



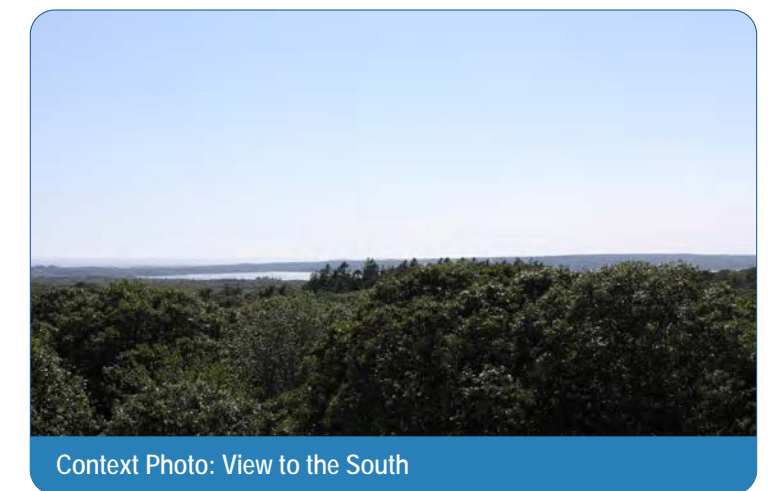
Context Photo: View to the Southwest



Simulation Photo: View to the South-Southwest



Simulation Photo: View to the South-Southwest



Context Photo: View to the South



# Existing Conditions



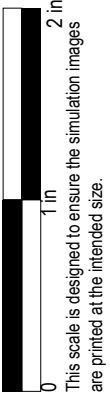
Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint MV12: View from Peaked Hill Reservation, Chilmark

Source: COP Appendix Q1, Appendix C: Sheet 71 of 178

Sunrise  
Wind



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Ørsted &  
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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint MV12: View from Peaked Hill Reservation, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 72 of 178



**Sunrise**  
**Wind**

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Ørsted &  
Eversource

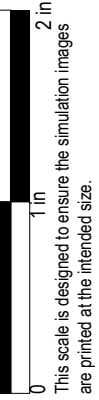


# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint MV12: View from Peaked Hill Reservation, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 73 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise**  
**Wind**

Powered by  
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Eversource

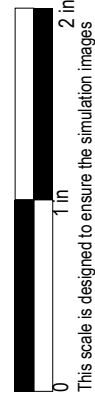


# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint MV12: View from Peaked Hill Reservation, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 74 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise**  
**Wind**

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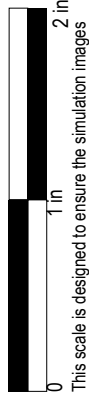


# Photographic Rendering - Sunset Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint MV12: View from Peaked Hill Reservation, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 75 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise**  
**Wind**

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### Edwin DeVries Vanderhoop Homestead

#### Viewpoint Information

County: Dukes  
 Town: Aquinnah  
 State: Massachusetts  
 Location: Martha's Vineyard  
 Coordinates: 41.34598° N, 70.83547° W  
 Direction of View: South-Southwest (197.2°)  
 Distance to Nearest Visible Turbine: 21.5 miles

#### Environmental Data

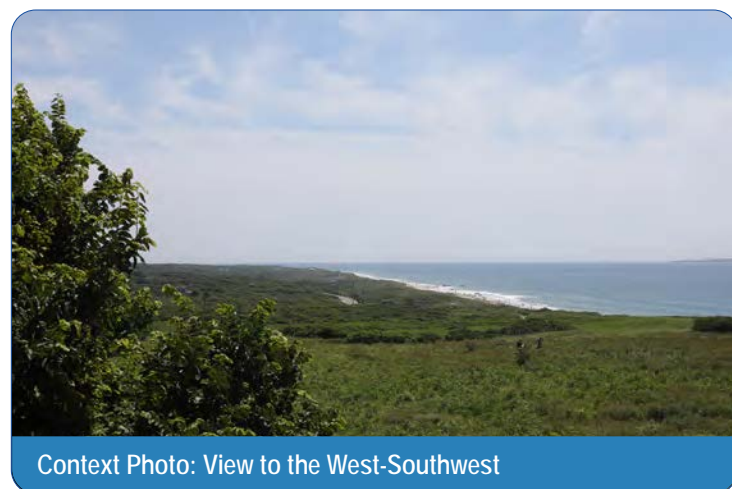
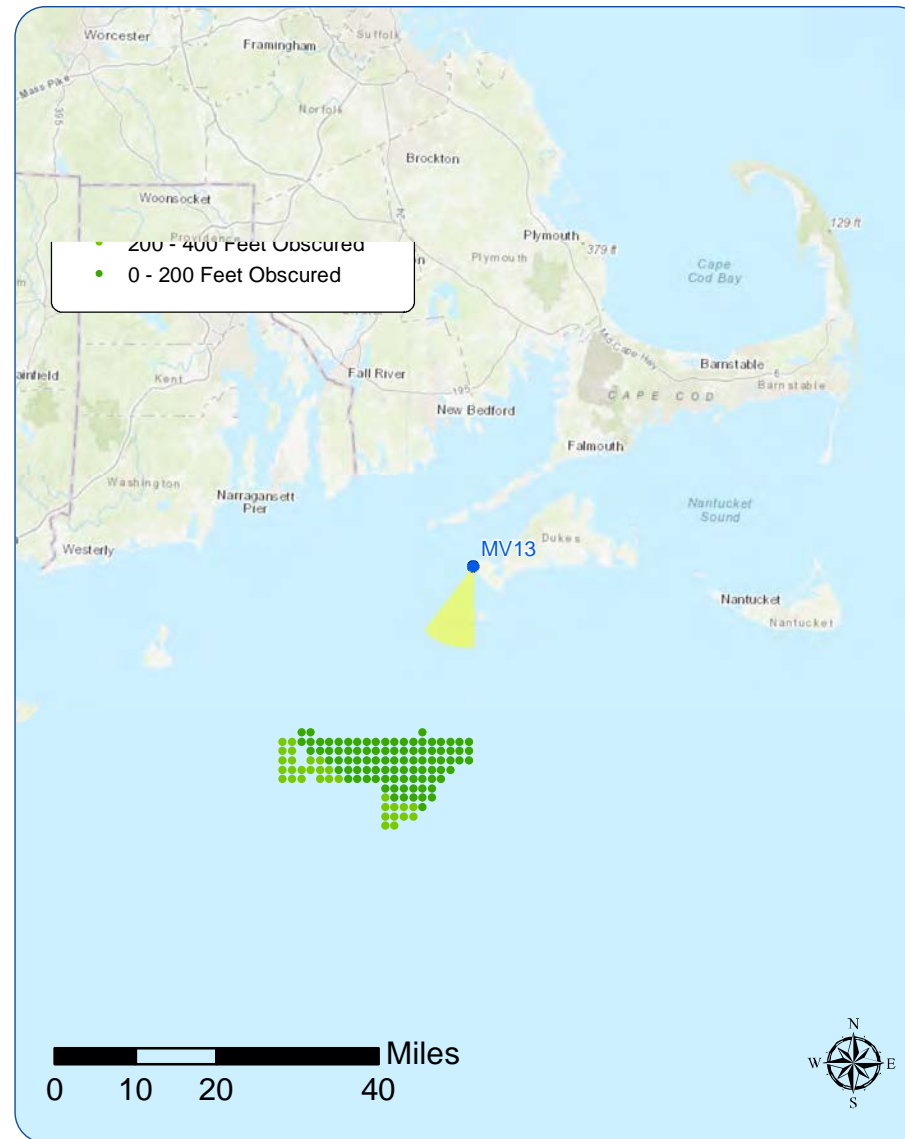
Date Illustrated: 8/9/2017  
 Time: 11:43 AM  
 Temperature: 77.0 °F  
 Humidity: 60%  
 Visibility: >10.0 miles  
 Wind Direction: SSW  
 Wind Speed: 12 mph  
 Conditions Observed: Partly Cloudy

#### Visual Resources

Landscape Similarity Zone: Coastal Bluff  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Gay Head Cliffs NNL, Moshup Beach, Gay Head West Tisbury Unit, 100, Gay Head West Tisbury Unit, 94, Vanderhoop, Edwin DeVries Homestead, Gay Head Light

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 17.0 feet AMSL



Context Photo: View to the West-Southwest



Simulation Photo: View to the Southwest



Simulation Photo: View to the South-SouthWest



Context Photo: View to the South



# Existing Conditions





Photosimulation



This scale is designed to ensure the simulation images are printed at the intended size.



### Madaket Beach

#### Viewpoint Information

County: Nantucket  
 Town: Nantucket  
 State: Massachusetts  
 Location: Nantucket  
 Coordinates: 41.27018° N, 70.20135° W  
 Direction of View: West-Southwest (245.8°)  
 Distance to Nearest Visible Turbine: 37.0 miles

#### Environmental Data

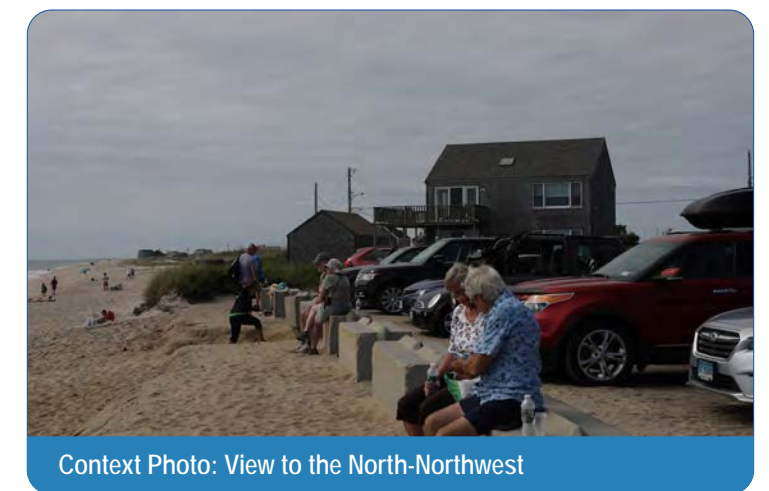
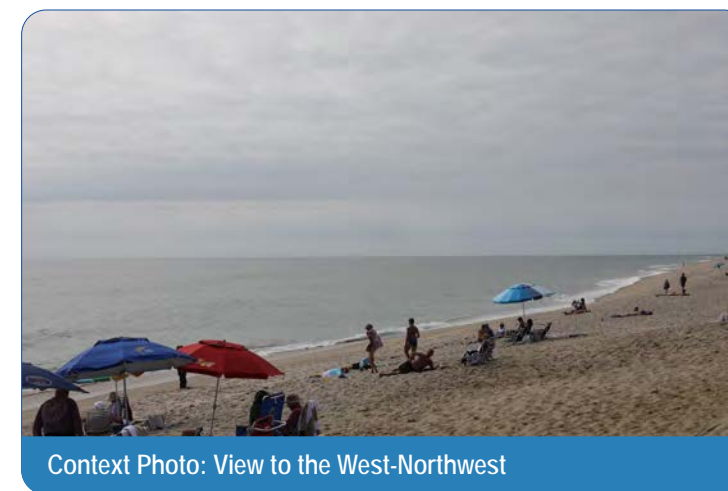
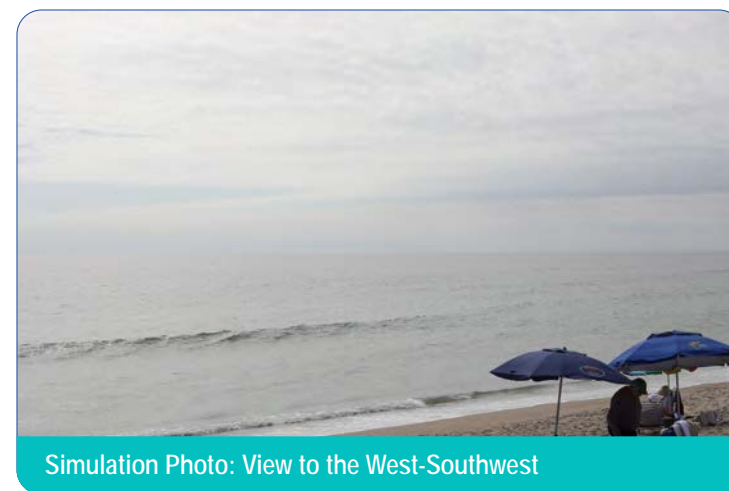
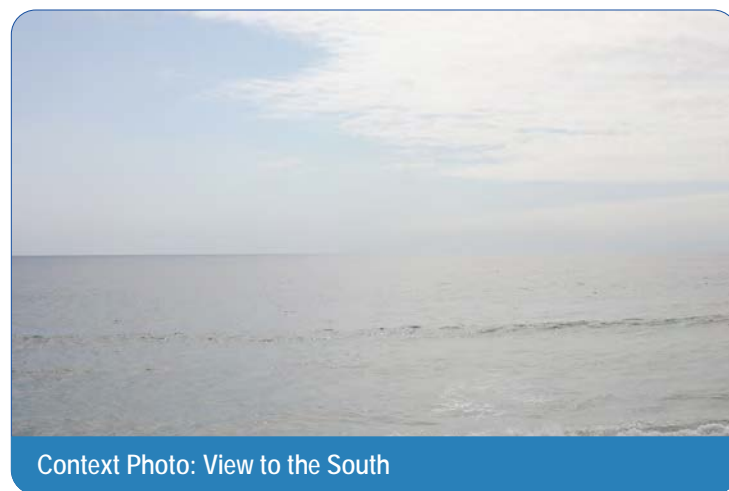
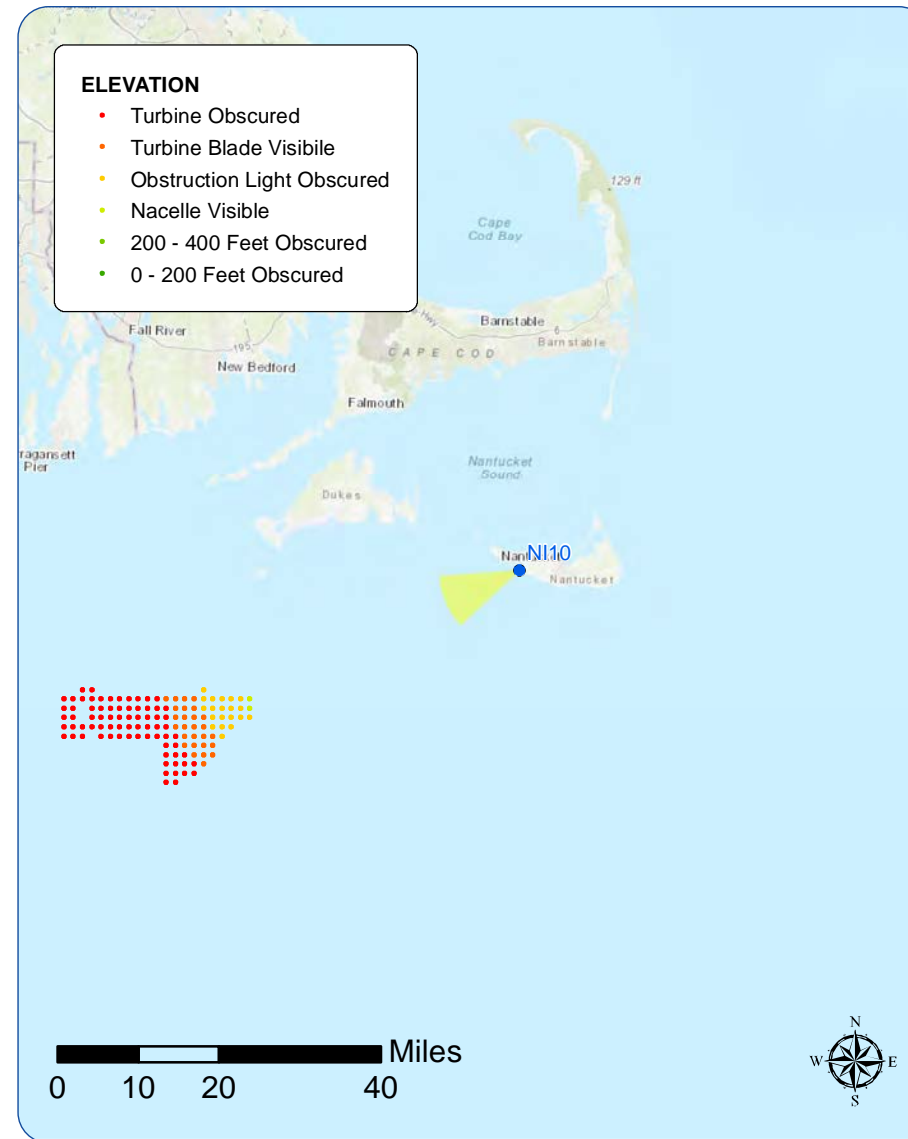
Date Represented: 9/10/2019  
 Time Represented: 1:44 PM  
 Temperature: 54 °F  
 Humidity: 64%  
 Visibility: >10 miles  
 Wind Direction: SSW  
 Wind Speed: 12 mph  
 Conditions Observed: Overcast

#### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Madaket Public Beach, Nantucket Historic District

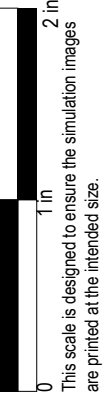
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 20.6 feet AMSL





Existing Conditions





Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint NI10: View from Madaket Beach, Nantucket  
Source: COP Appendix Q1, Appendix C: Sheet 81 of 178



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Sunrise  
Wind

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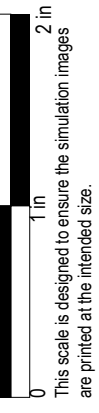
Photographic Rendering - Clear Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint N110: View from Madaket Beach, Nantucket  
Source: COP Appendix Q1, Appendix C: Sheet 82 of 178

Sunrise  
Wind

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**Nomans Land Island National Wildlife Refuge**

**Viewpoint Information**

County: Dukes  
 Town: Chilmark  
 State: Massachusetts  
 Location: Nomans Land Island  
 Coordinates: 41.25712° N, 70.83100° W  
 Direction of View: South-Southwest (205°)  
 Distance to Nearest Visible Turbine: 15.6 miles

**Environmental Data**

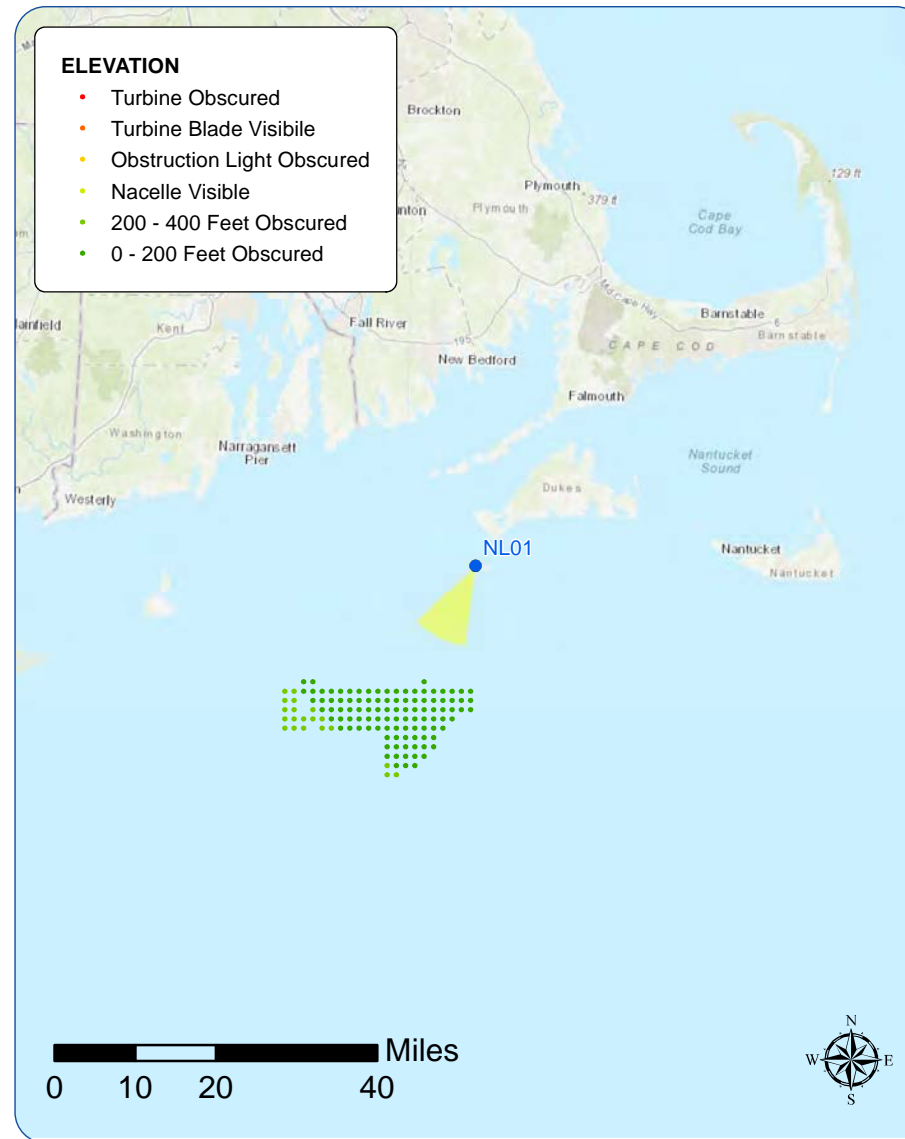
Date Represented: 12/12/2017  
 Time Represented: 4:10 PM  
 Temperature: NA  
 Humidity: NA  
 Visibility: >10.0 miles  
 Wind Direction: East-Southeast  
 Wind Speed: NA  
 Conditions Observed: Cloudy

**Visual Resources**

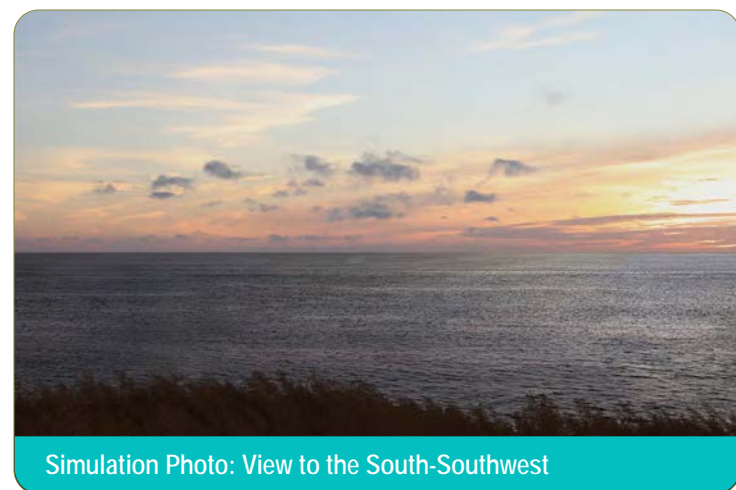
Landscape Similarity Zone: Coastal Bluff  
 Viewer Type: No Access  
 Aesthetic Resource: Nomans Land Island National Wildlife Refuge

**Camera Information**

Not Applicable



Source - Vineyard Gazette 2014



Simulation Photo: View to the South-Southwest



Source - Gore Lamar USFWS Public Domain WikiCommons

**Sunrise Wind Farm Project**

**Outer Continental Shelf**

Viewpoint NL01: View from Nomans Land Island NWR, Chilmark

Source: COP Appendix Q1 Appendix C: Sheet 83 of 178



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# Photographic Rendering - Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint NL01: View from Nomans Land Island NWR, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 84 of 178



**Sunrise**  
**Wind**

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# Photographic Rendering - Sunset Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint NL01: View from Nomans Land Island NWR, Chilmark  
Source: COP Appendix Q1, Appendix C: Sheet 85 of 178



**Sunrise**  
**Wind**

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Eversource



### Brenton Point State Park

#### Viewpoint Information

County: Newport  
 Town: Newport  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.45037° N, 71.35476° W  
 Direction of View: South-Southeast to South-Southst (157.5°)  
 Distance to Nearest Visible Turbine: 28.9 miles

#### Environmental Data

Date Illustrated: 7/26/2017  
 Time: 4:45 PM  
 Temperature: 72.0 °F  
 Humidity: 68%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 8.1 mph  
 Conditions Observed: Clear

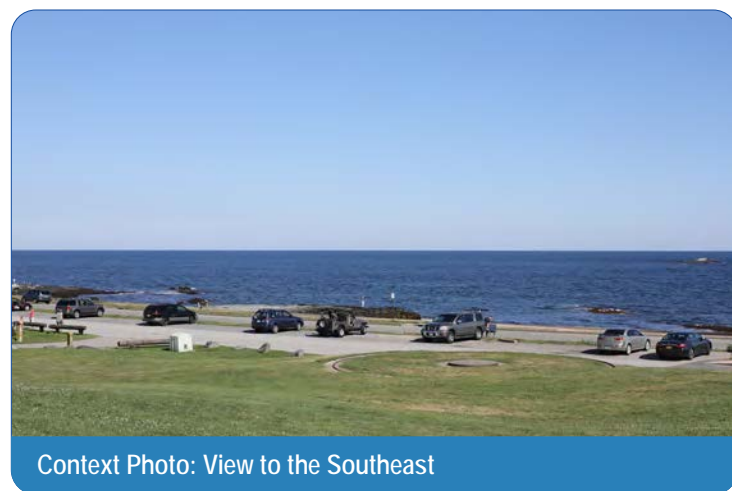
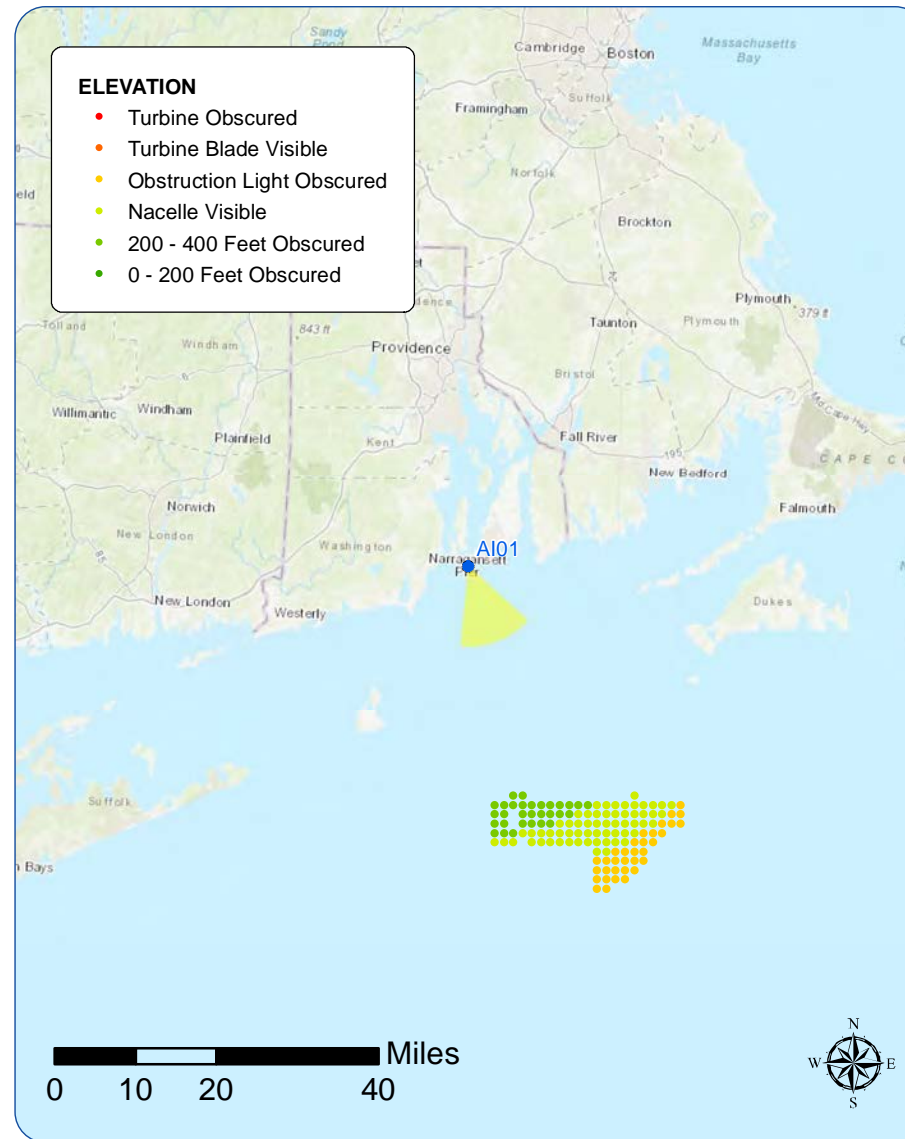
#### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area  
 User Group: Local Residents, Tourists/Vacationers, Fishing Community  
 Aesthetic Resource: Brenton Point State Fish and Boat Access, Brenton Point State Park, Newport/Ocean Drive State Scenic Area, Ocean Drive Historic District

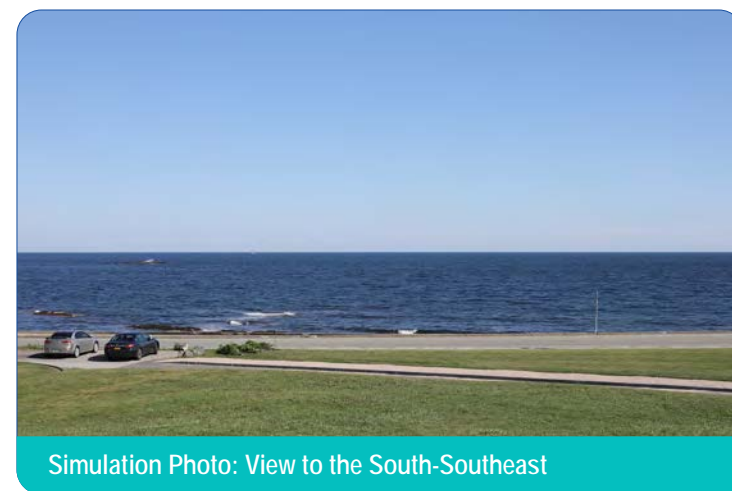
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 33.9 feet AMSL

Notes: The Block Island Wind Farm is 23.8 miles from this location. Visibility was documented during field review.



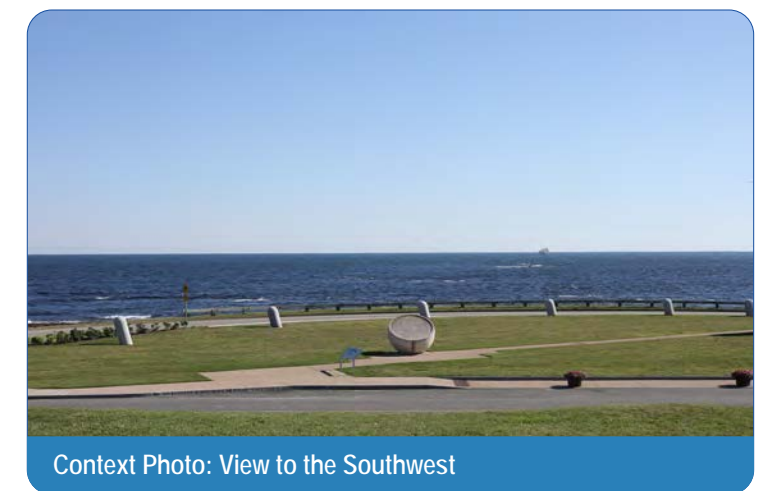
Context Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Simulation Photo: View to the South-Southwest



Context Photo: View to the Southwest

#### Sunrise Wind Farm Project

##### Outer Continental Shelf

Viewpoint AI01: View from Brenton Point State Park, Newport

Source: COP Appendix Q1, Appendix C: Sheet 86 of 178



Powered by Ørsted & Eversource



# Existing Conditions

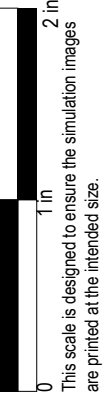


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint A101: View from Brenton Point State Park, Newport

Source: COP Appendix Q1, Appendix C: Sheet 87 of 178



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**Sunrise  
Wind**

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# Photosimulation

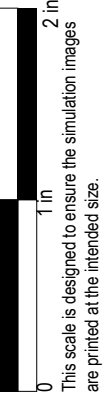


Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint AI01: View from Brenton Point State Park, Newport

Source: COP Appendix Q1, Appendix C: Sheet 88 of 178

Sunrise  
Wind



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# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint AI01: View from Brenton Point State Park, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 89 of 178



**Sunrise  
Wind**

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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint AI01: View from Brenton Point State Park, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 90 of 178



**Sunrise  
Wind**

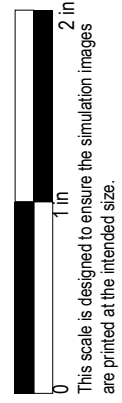
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Eversource



# Existing Conditions - Night



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint A101: View from Brenton Point State Park, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 91 of 178

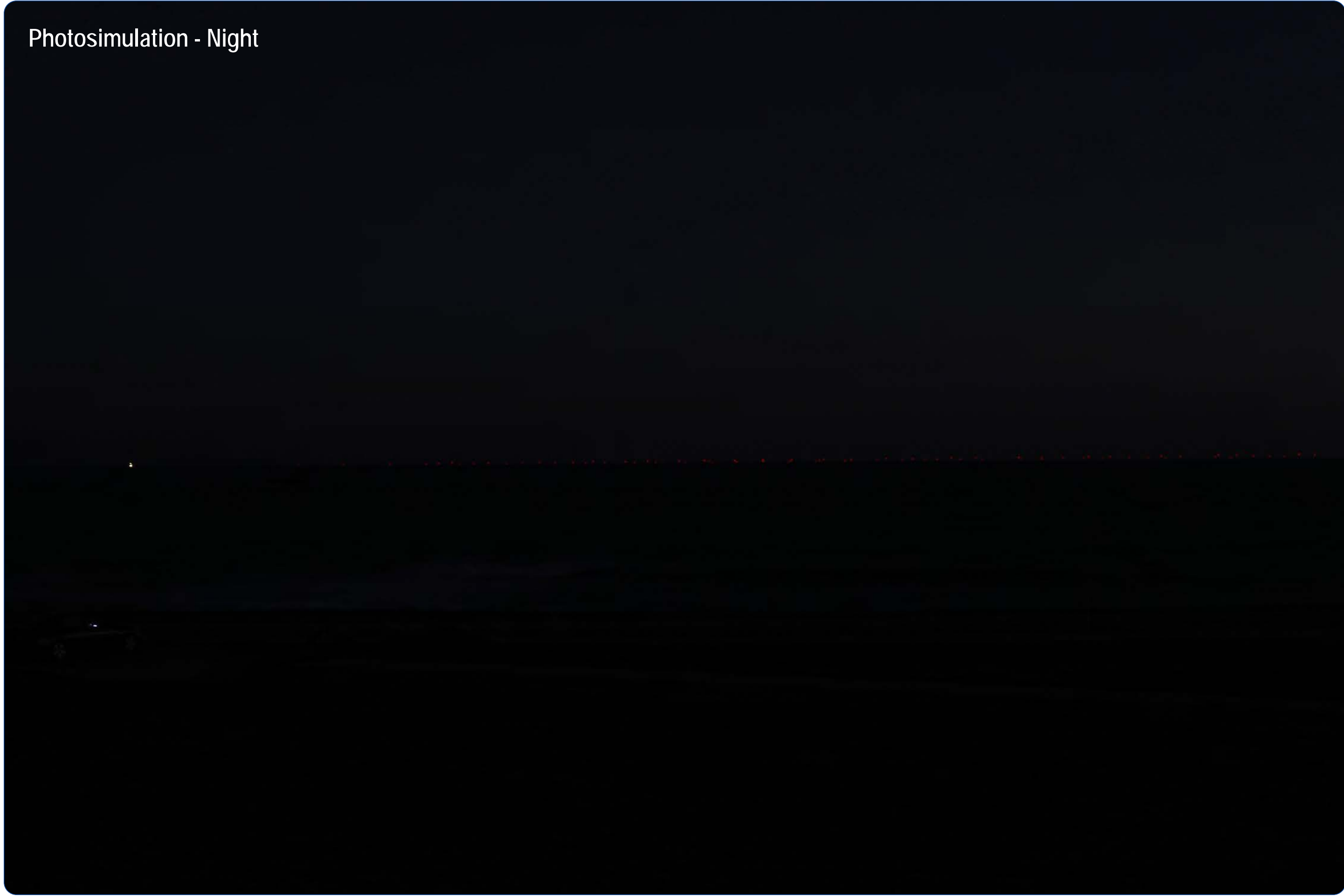


**Sunrise**  
**Wind**

Powered by  
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Eversource

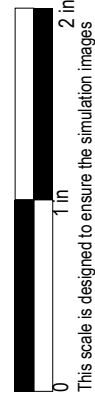


# Photosimulation - Night



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint A101: View from Brenton Point State Park, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 92 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise**  
**Wind**

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## Newport Cliff Walk

### Viewpoint Information

County: Newport  
 Town: Newport  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.45119° N, 71.31157° W  
 Direction of View: Southeast to South-Southeast (156.3°)  
 Distance to Nearest Visible Turbine: 28.6 miles

### Environmental Data

Date Illustrated: 7/26/2017  
 Time: 7:03 AM  
 Temperature: 70 °F  
 Humidity: 68%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 8 mph  
 Conditions Observed: Clear

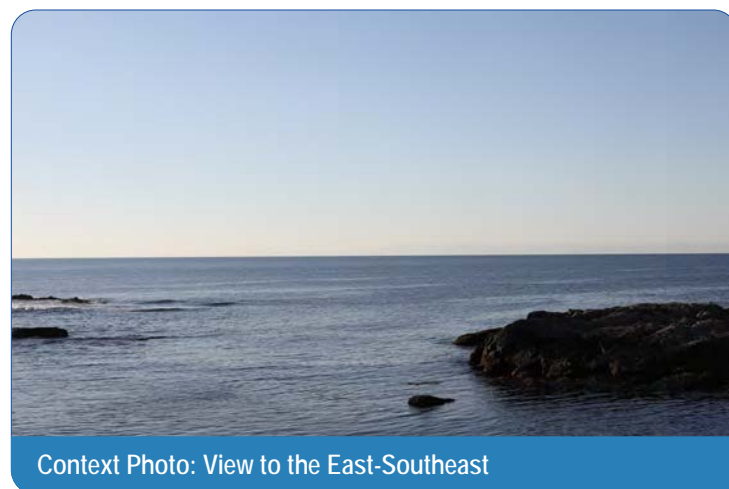
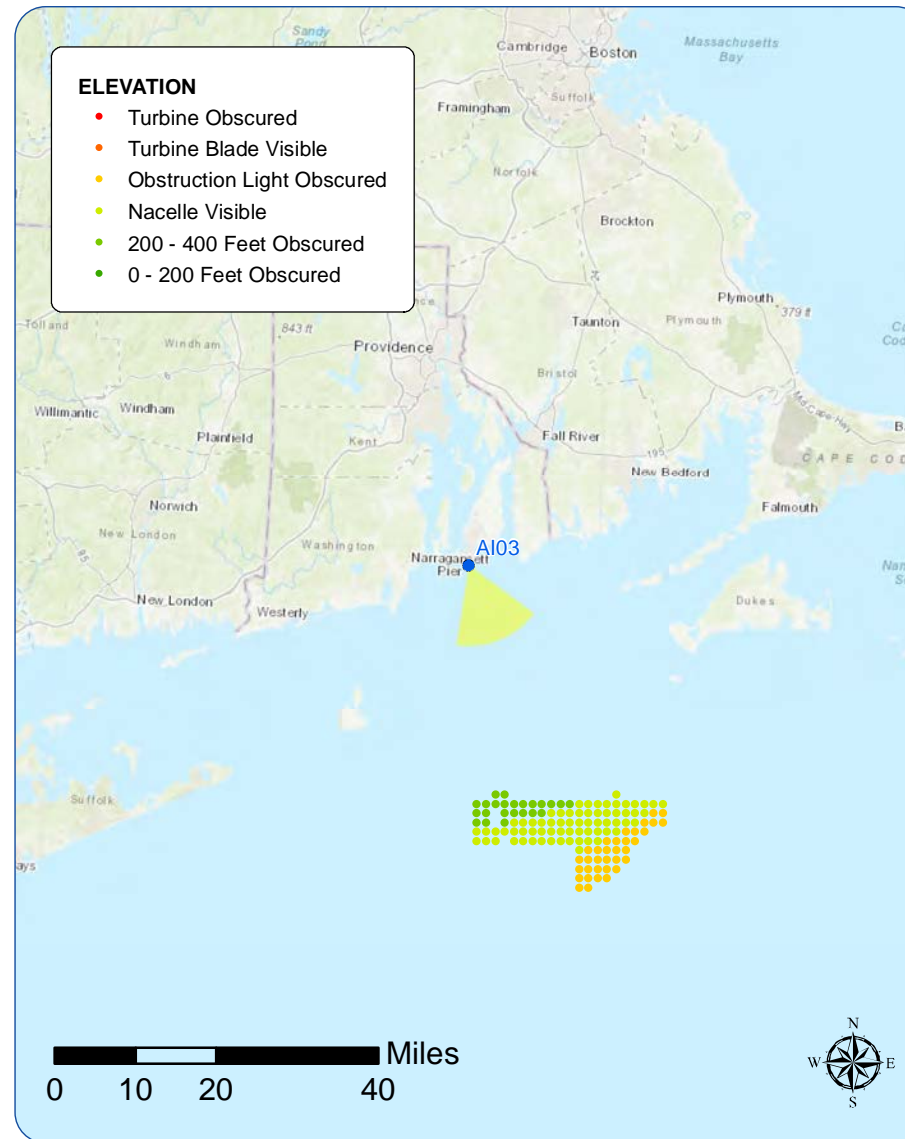
### Visual Resources

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

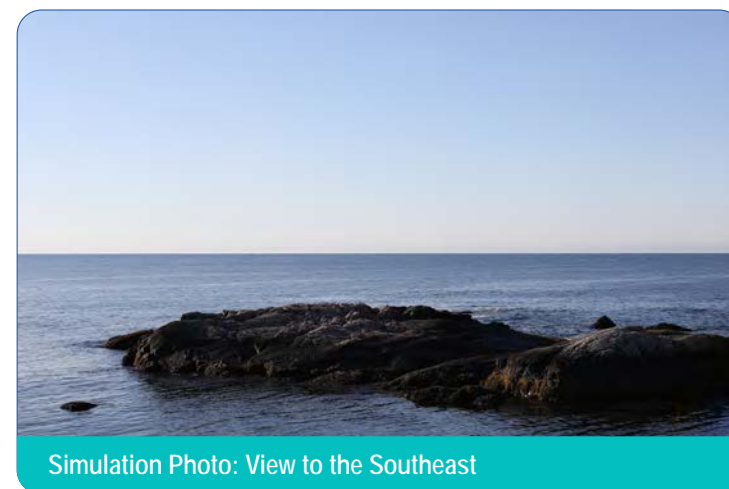
### Camera Information

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

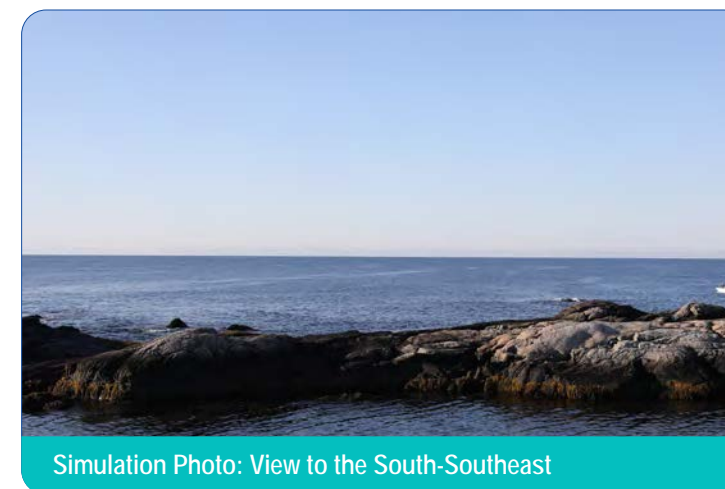
Notes: The Block Island Wind Farm is 24.6 miles from this location. Visibility was documented during field review.



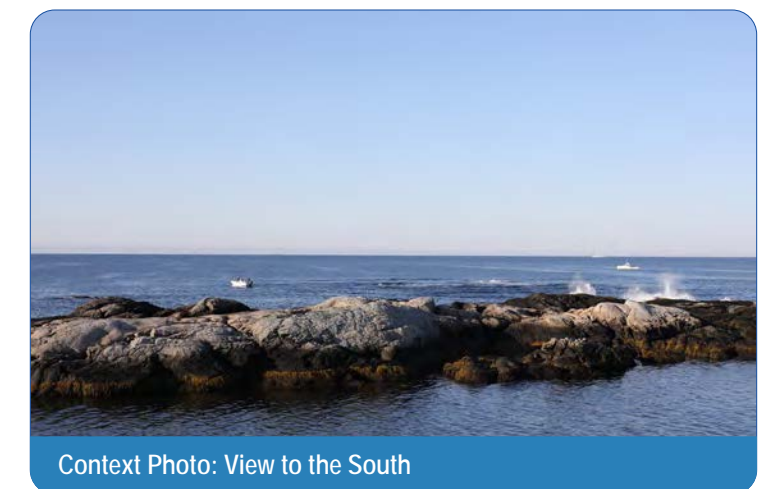
Context Photo: View to the East-Southeast



Simulation Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Context Photo: View to the South

### Sunrise Wind Farm Project

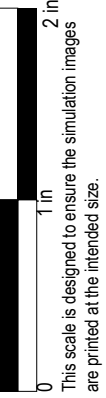
#### Outer Continental Shelf

Viewpoint AI03: View from Newport Cliffwalk, Newport

Source: COP Appendix Q1, Appendix C: Sheet 93 of 178



# Existing Conditions



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Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint AI03: View from Newport Cliffwalk, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 95 of 178



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Sunrise  
Wind

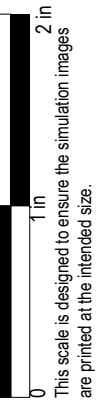
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Eversource



# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint A103: View from Newport Cliffwalk, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 96 of 178

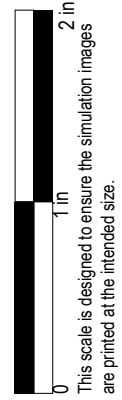


**Sunrise**  
**Wind**

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Eversource



Photosimulation





### Sachuest Point National Wildlife Refuge

#### Viewpoint Information

County: Newport  
 Town: Middletown  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.47268° N, 71.24720° W  
 Direction of View: South-Southeast (161.7°)  
 Distance to Nearest Visible Turbine: 29.8 miles

#### Environmental Data

Date Illustrated: 11/24/2017  
 Time: 7:42 AM  
 Temperature: 39.0 °F  
 Humidity: 60%  
 Visibility: >10.0 miles  
 Wind Direction: West  
 Wind Speed: Calm  
 Conditions Observed: Clear

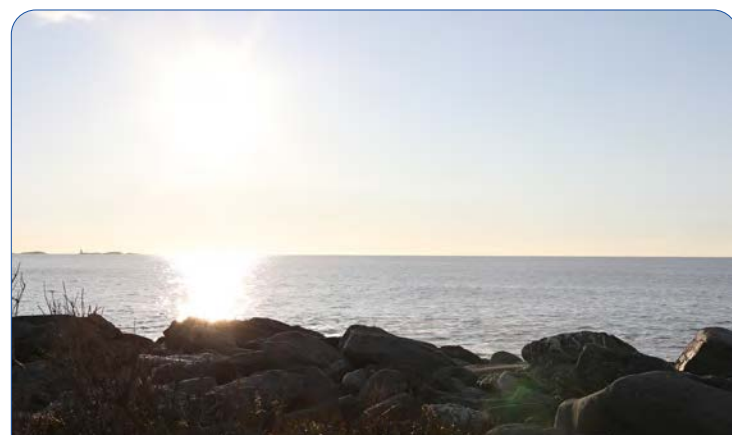
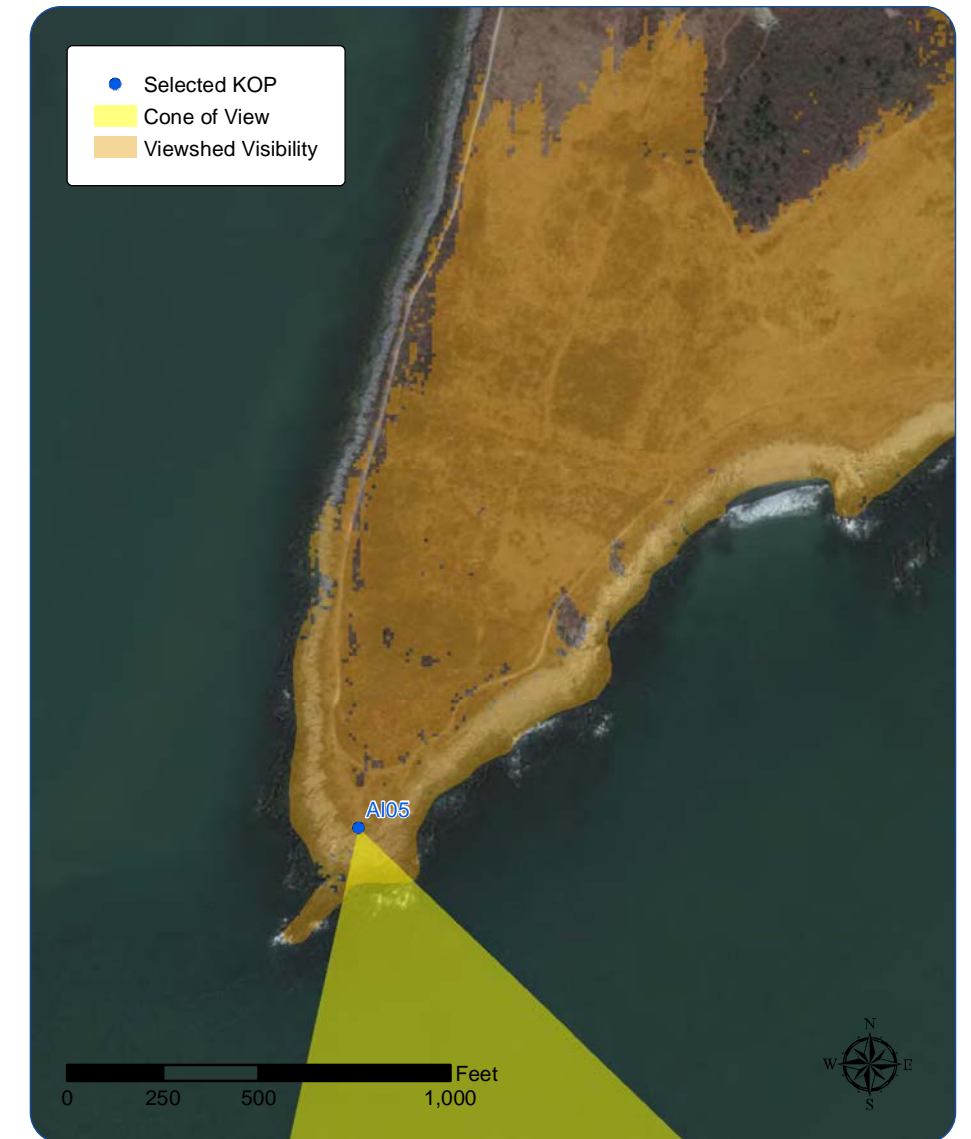
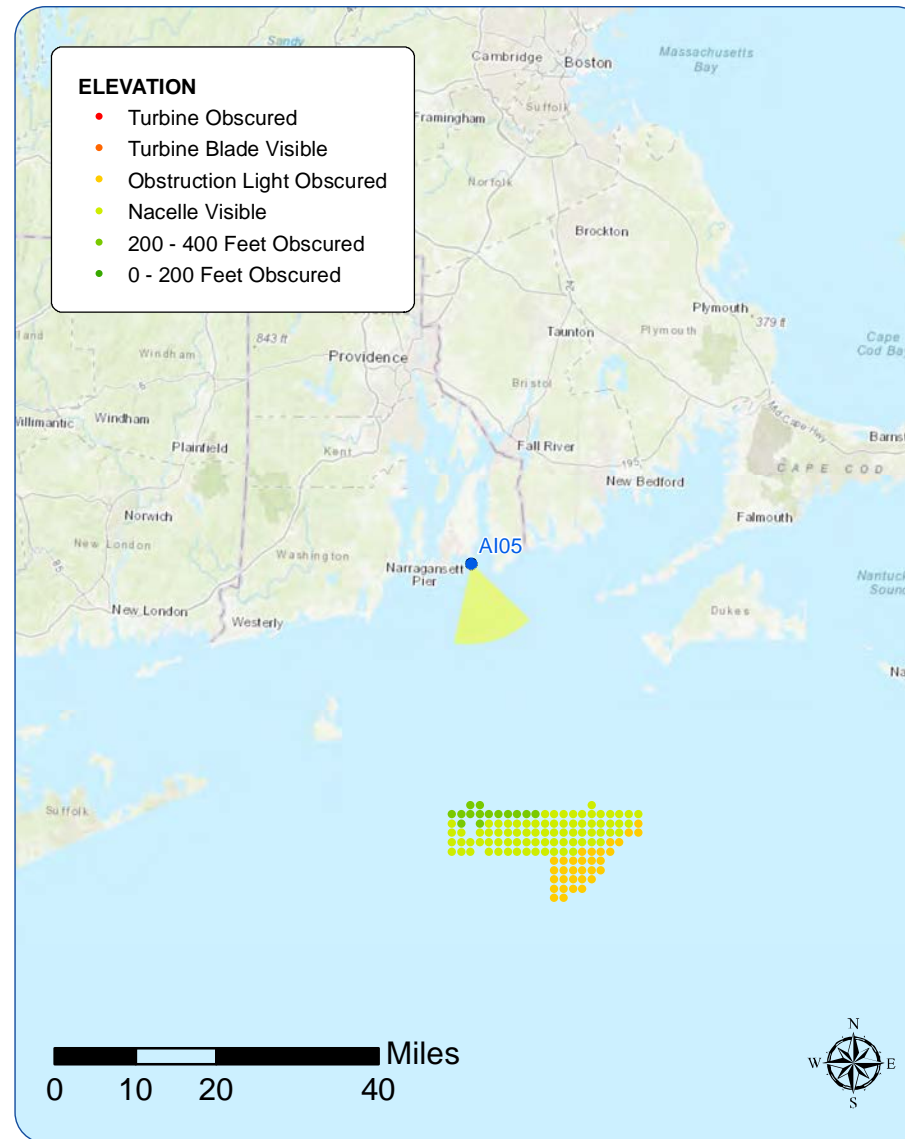
#### Visual Resources

Landscape Similarity Zone: Coastal Scrub/Shrub Forest  
 Viewer Type: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Sachuest Point Scenic Area, Sachuest Point National Wildlife Refuge

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 21.7 feet AMSL

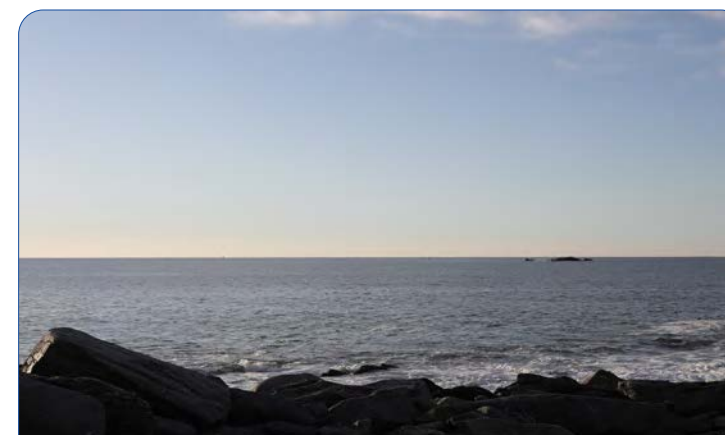
Notes: The Block Island Wind Farm is 27.5 miles from this location, suggesting it may theoretically be visible.



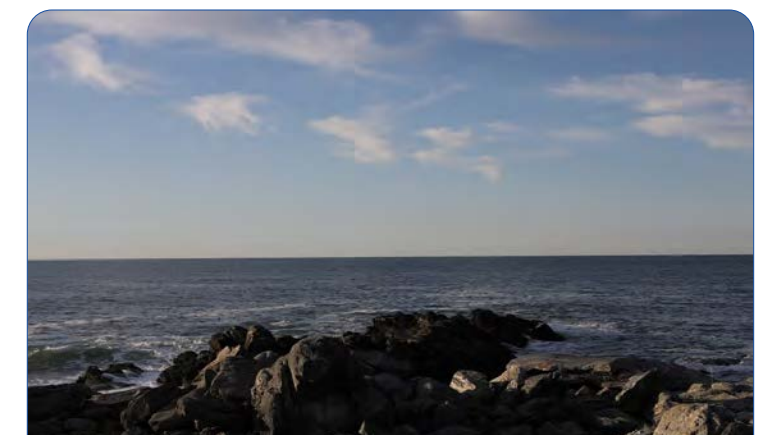
Context Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Simulation Photo: View to the South-Southeast



Context Photo: View to the South

#### Sunrise Wind Farm Project

##### Outer Continental Shelf

Viewpoint AI05: View from Sachuest Point National Wildlife Refuge, Middletown

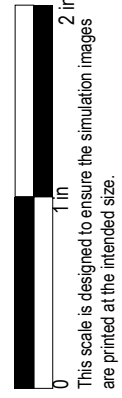
Source: COP Appendix Q1, Appendix C: Sheet 98 of 178



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Existing Conditions





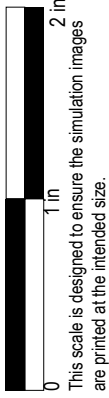
Photosimulation



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# Existing Conditions





Photosimulation





### Sachuest Beach (Second Beach)

#### Viewpoint Information

County: Newport  
 Town: Middletown  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.48802° N, 71.25796° W  
 Direction of View: South-Southeast to South (164.7°)  
 Distance to Nearest Visible Turbine: 30.9 miles

#### Environmental Data

Date Illustrated: 7/26/2017  
 Time: 6:09 PM  
 Temperature: 71.1 °F  
 Humidity: 66%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 8.1 mph  
 Conditions Observed: Clear

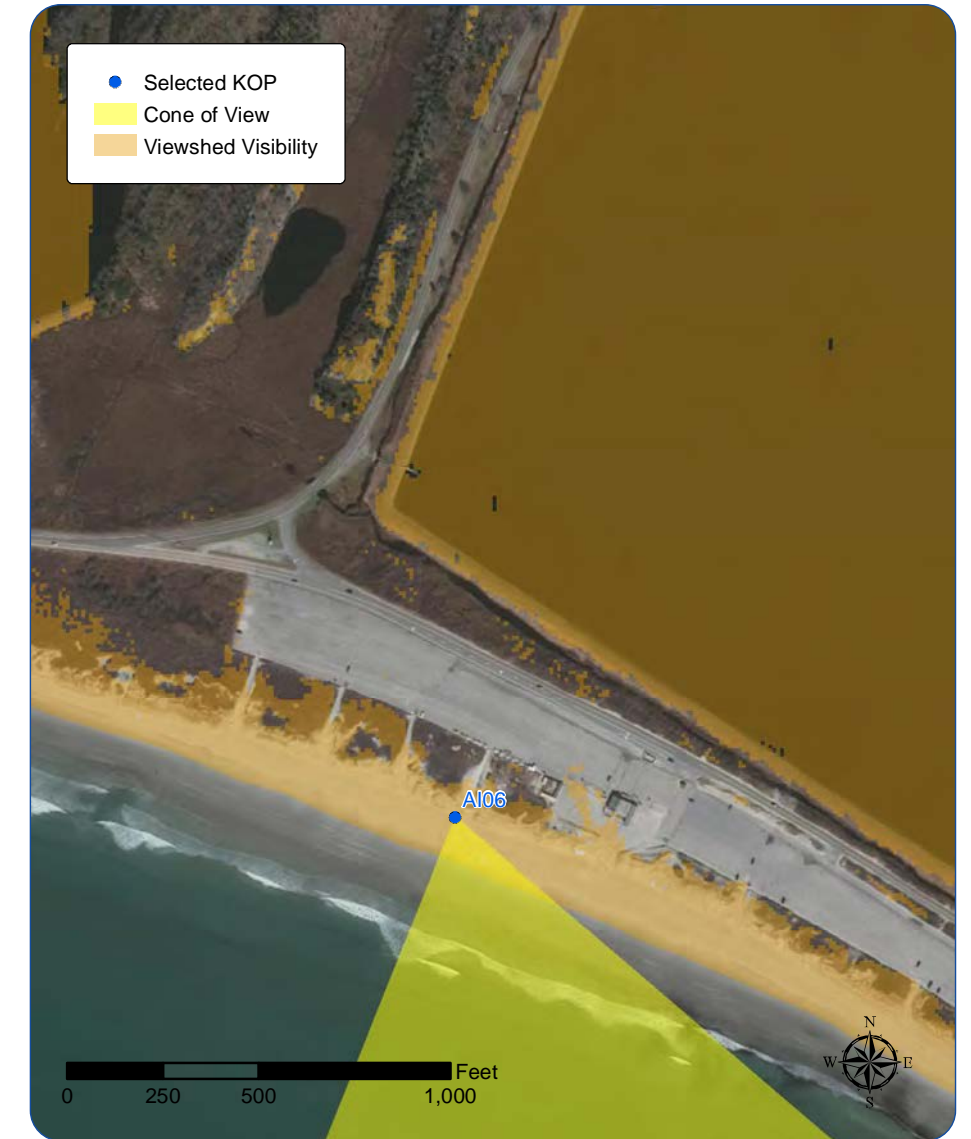
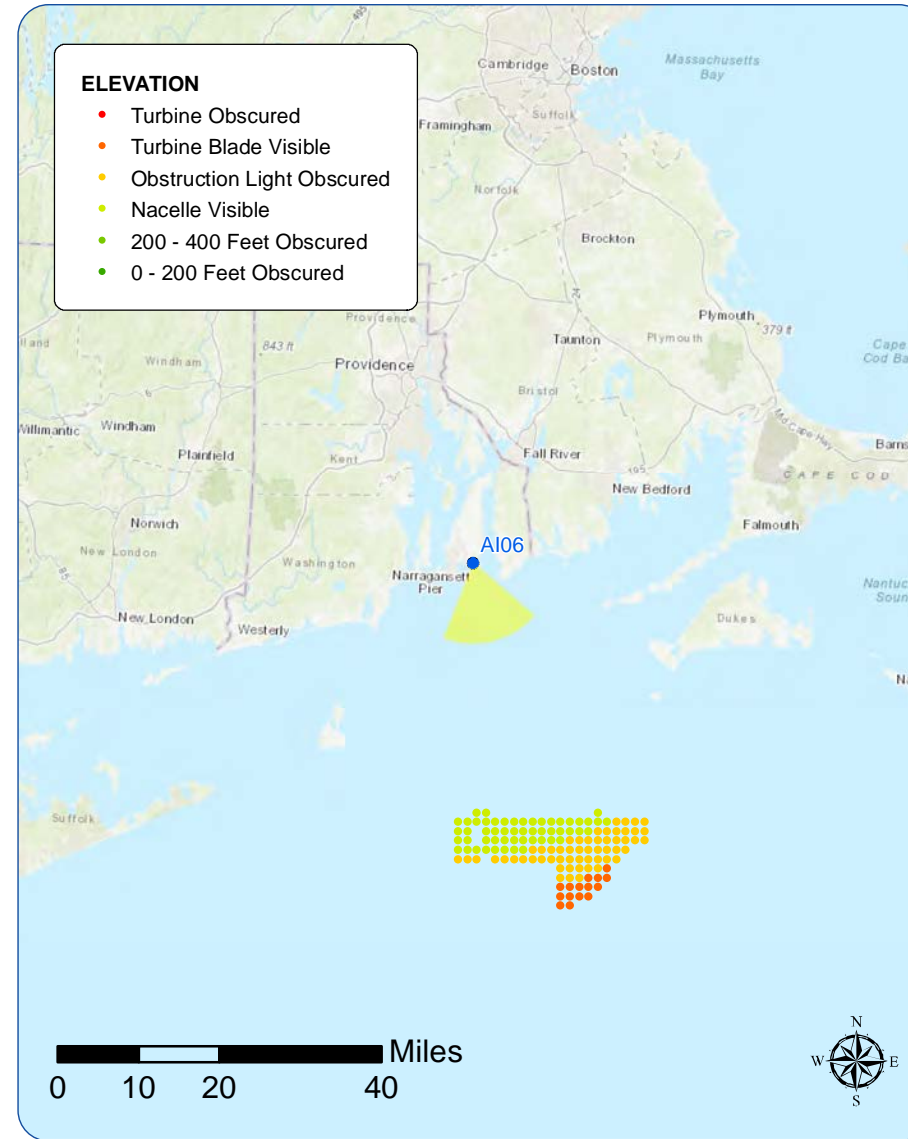
#### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Hanging Rock Rd Scenic Highway, Norman Bird Sanctuary/Greg Craig, Second Beach

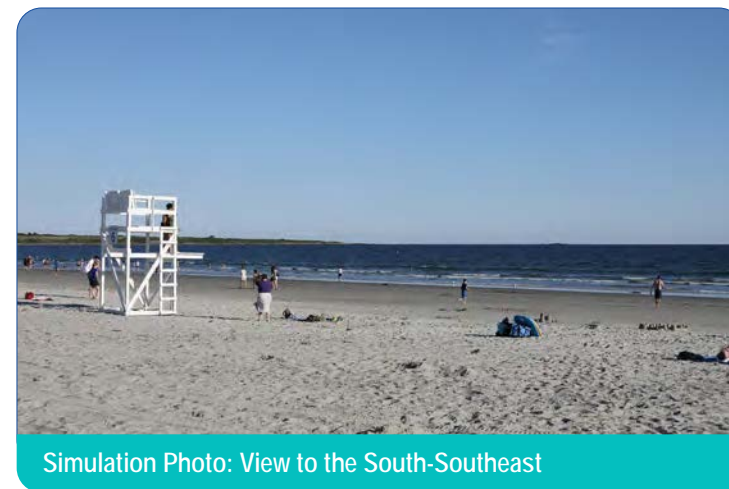
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 10.2 feet AMSL

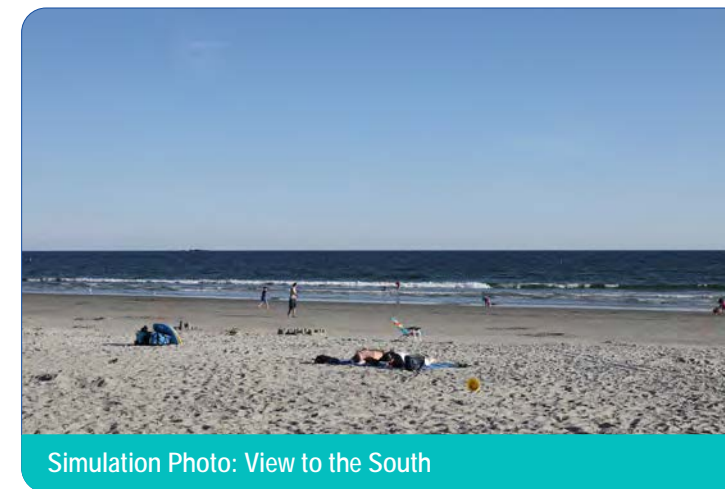
Notes: The Block Island Wind Farm is 28.2 miles from this location, suggesting it may theoretically be visible.



Context Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Simulation Photo: View to the South



Context Photo: View to the South

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint A106: View from Sachuest Beach (Second Beach), Middletown

Source: COP Appendix Q1, Appendix C: Sheet 103 of 178



# Existing Conditions



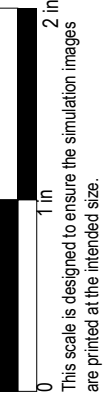


# Photosimulation





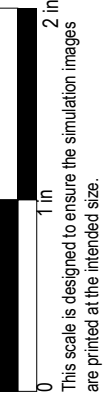
# Existing Conditions



This scale is designed to ensure the simulation images are printed at the intended size.



# Photosimulation





### Hanging Rock (Norman Bird Sanctuary)

#### Viewpoint Information

County: Newport  
 Town: Middletown  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.49130° N, 71.25896° W  
 Direction of View: Southeast to South-Southeast (160.5°)  
 Distance to Nearest Visible Turbine: 31.1 miles

#### Environmental Data

Date Illustrated: 11/24/2017  
 Time: 9:38 AM  
 Temperature: 43.0 °F  
 Humidity: 47%  
 Visibility: >10 miles  
 Wind Direction: Variable  
 Wind Speed: 4.6 mph  
 Conditions Observed: Clear

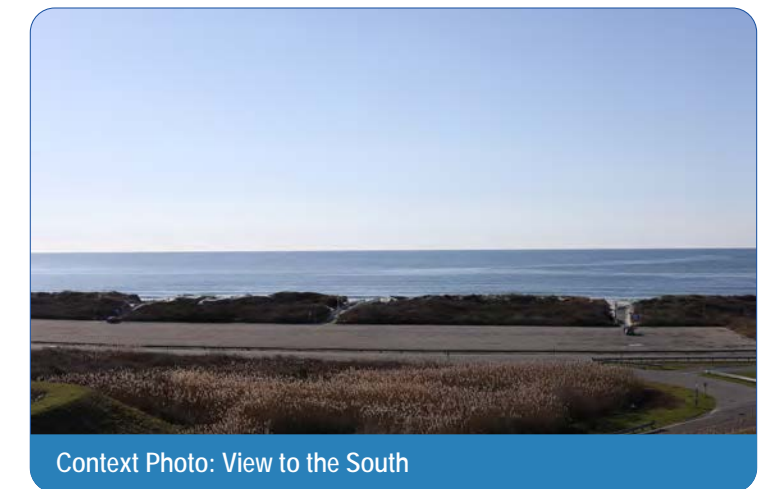
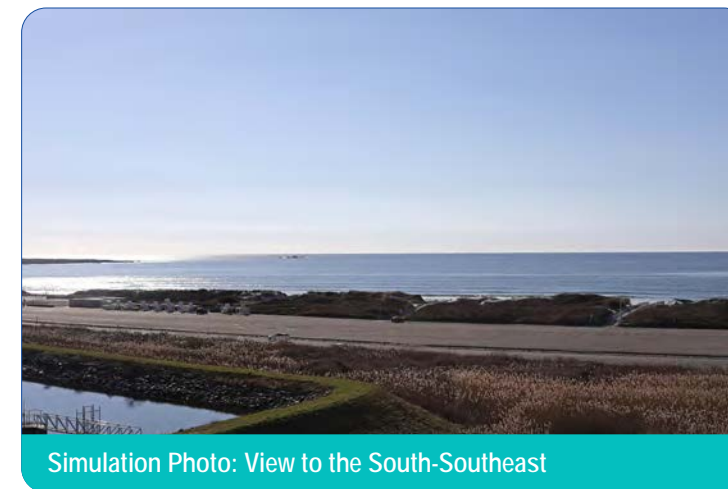
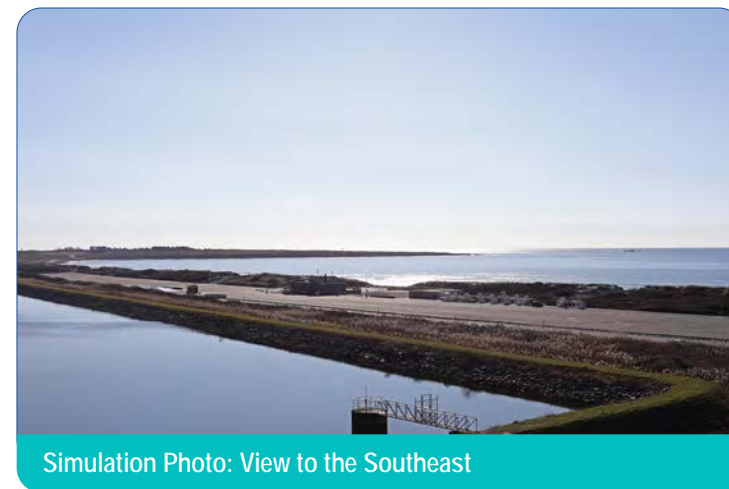
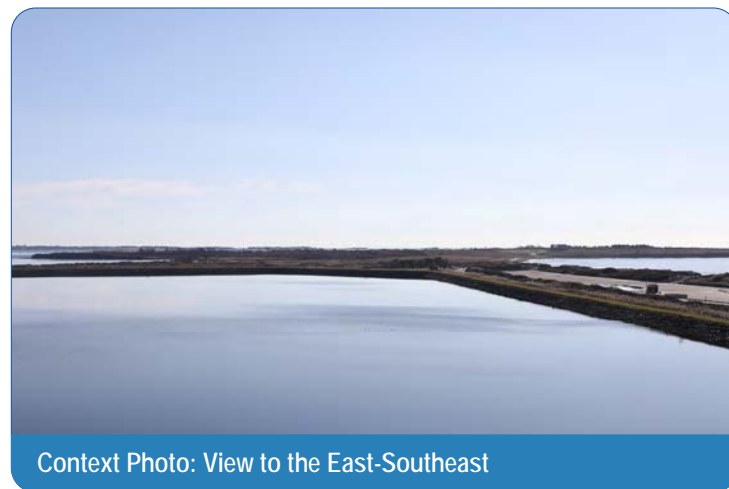
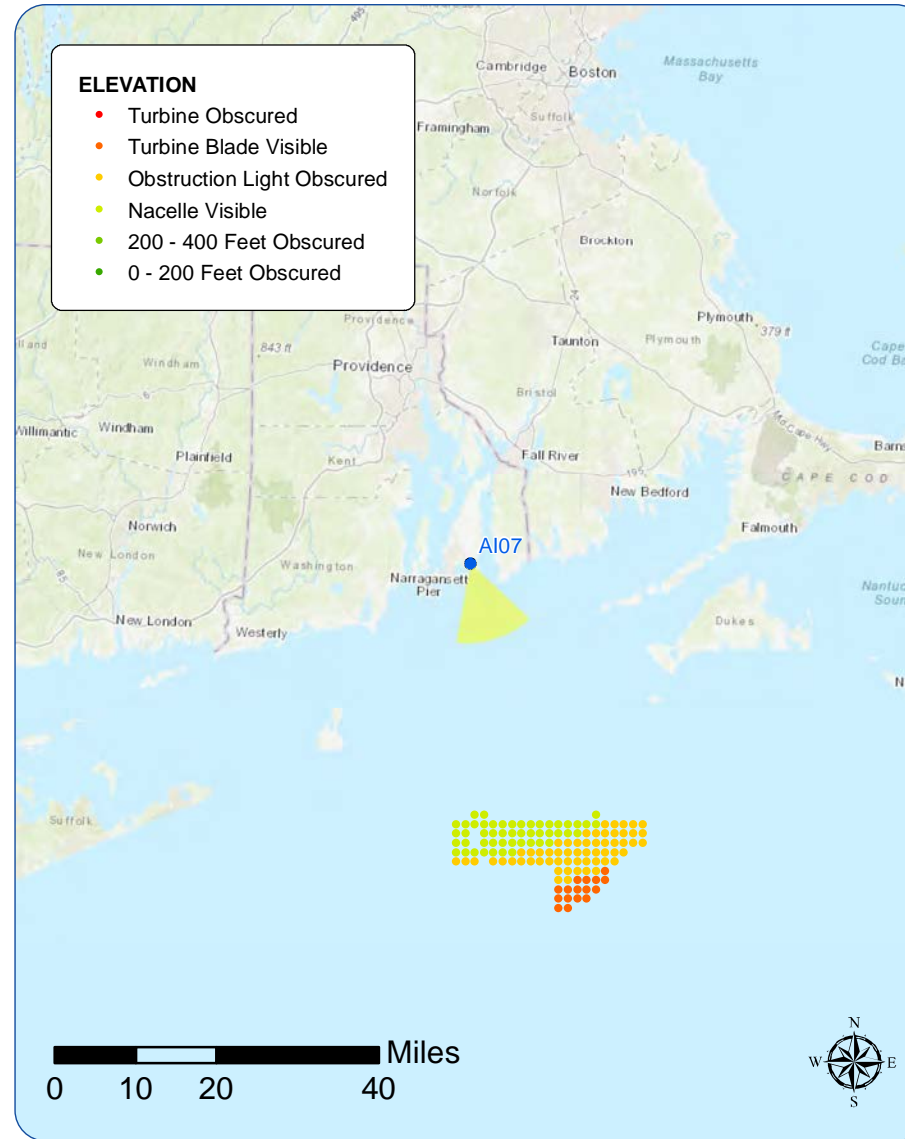
#### Visual Resources

Landscape Similarity Zone: Coastal Scrub/Shrub Forest  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Hanging Rock Rd Scenic Highway, Norman Bird Sanctuary/Greg Craig, Second Beach

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 67.3 feet AMSL

Notes: The Block Island Wind Farm is 28.3 miles from this location. Visibility was documented during field review.





# Existing Conditions



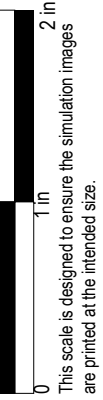
Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint A107: View from Hanging Rock (Norman Bird Sanctuary), Middletown

Source: COP Appendix Q1, Appendix C: Sheet 109 of 178

Sunrise  
Wind

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# Photosimulation



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint AI07: View from Hanging Rock (Norman Bird Sanctuary), Middletown

Source: COP Appendix Q1, Appendix C: Sheet 110 of 178

Sunrise  
Wind

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# Existing Conditions



Sunrise Wind Farm Project

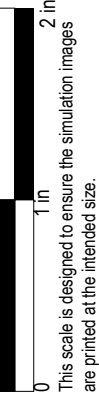
Outer Continental Shelf

Viewpoint AI07: View from Hanging Rock (Norman Bird Sanctuary), Middletown

Source: COP Appendix Q1, Appendix C: Sheet 111 of 178

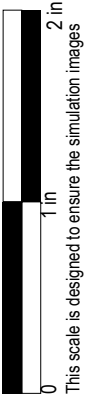
Sunrise  
Wind

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Photosimulation



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### Easton's Beach

#### Viewpoint Information

County: Newport  
 City: Newport  
 State: Rhode Island  
 Location: Aquidneck Island  
 Coordinates: 41.48615° N, 71.29574° W  
 Direction of View: South-Southeast (160.2°)  
 Distance to Nearest Visible Turbine: 30.9 miles

#### Environmental Data

Date Illustrated: 07/16/2020  
 Time: 9:22 AM  
 Temperature: 72 °F  
 Humidity: 59%  
 Visibility: >10 miles  
 Wind Direction: East-Northeast  
 Wind Speed: 9 mph  
 Conditions Observed: Clear

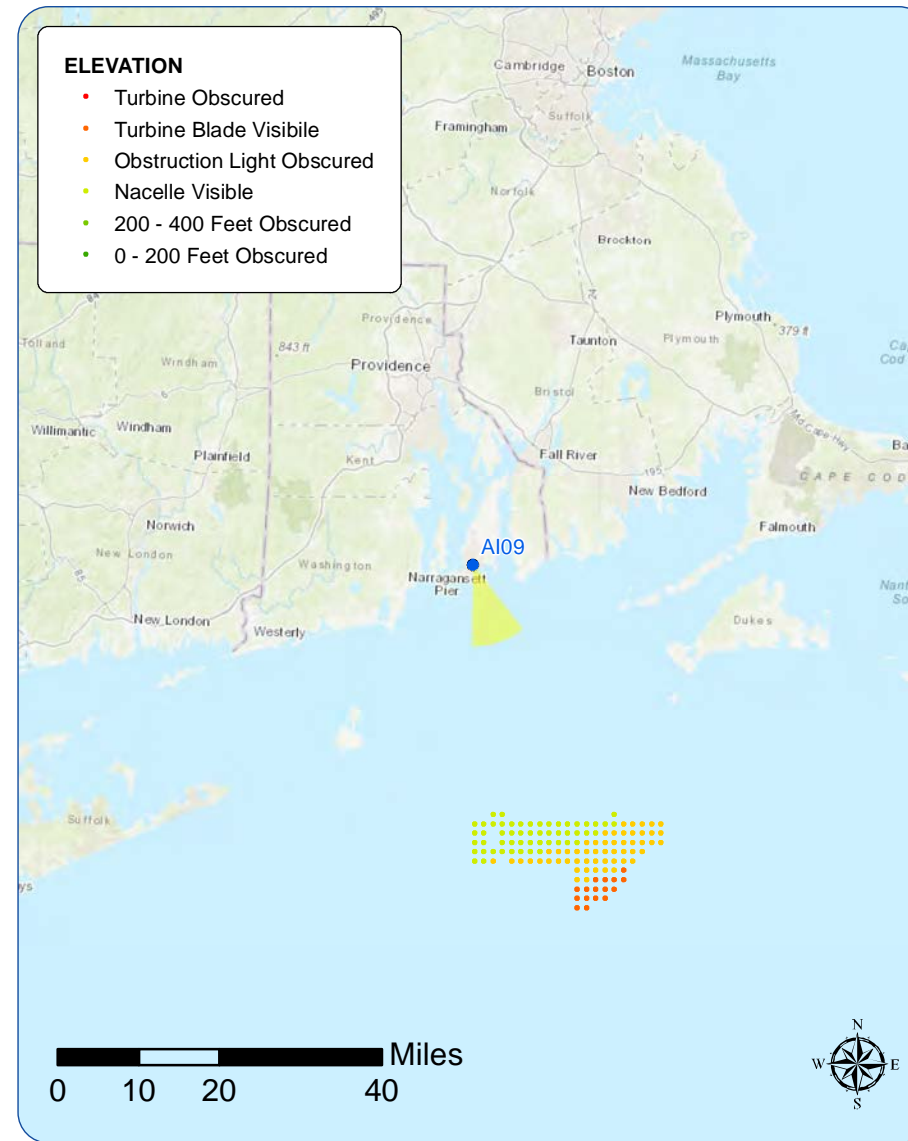
#### Visual Resources

Landscape Similarity Zone: Shoreline Beach, Shoreline Residential  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Cliff Walk National Recreation Trail, Easton's Beach (First Beach), Newport/Ocean Drive, Bellevue Avenue Historic District, Kay St.-Catherine St.-Old Beach Rd. Hist. Dist. / The Hill

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 12.4 feet AMSL

Notes: The Block Island Wind Farm is 27.2 miles from this location, suggesting it may theoretically be visible.



Context Photo: View to the East-Southeast



Simulation Photo: View to the South-Southeast



Context Photo: View to the South



Context Photo: View to the South-Southwest



# Existing Conditions



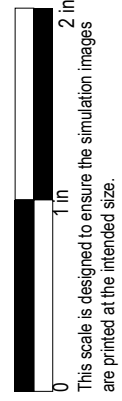


# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint A109: View from Easton's Beach, Newport  
Source: COP Appendix Q1, Appendix C: Sheet 115 of 178



**Sunrise**  
**Wind**

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### Great Salt Pond

#### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.19485° N, 71.58858° W  
 Direction of View: East-Southeast (122.8°)  
 Distance to Nearest Visible Turbine: 20.1 miles

#### Visual Resources

Landscape Similarity Zone: Developed Waterfront  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Block Island National Wildlife Refuge, Charleston Beach, Coast Guard Road State Fishing and Boating Access, Coast Guard Station/Coast Guard Road, Public Beach Great Salt Pond State Scenic Area, Montauk - Block Island Ferry Route, US Lifesaving Station, U.S.Coast Guard Brick House, Hippocampus/Boy's camp/Beane Family

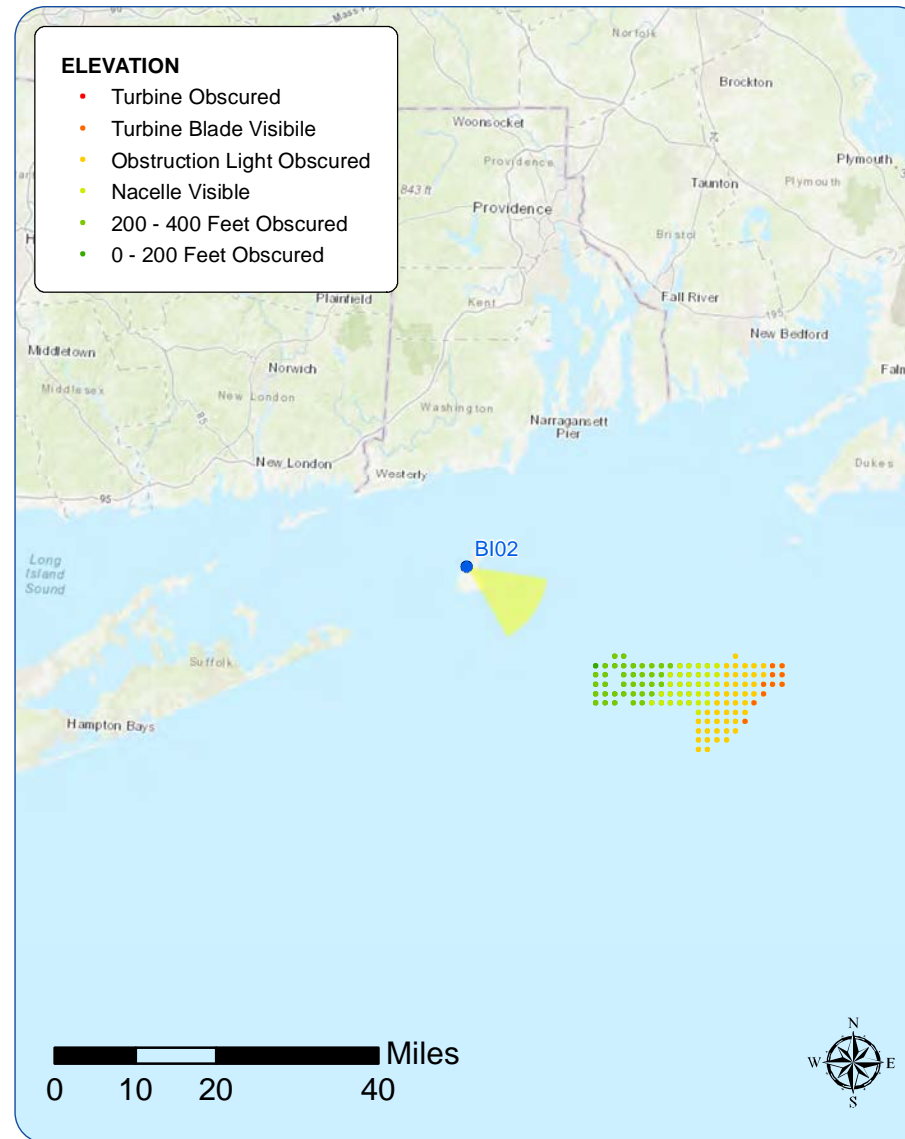
Notes: The Block Island Wind Farm is 6.4 miles from this location. Visibility was documented during field review.

#### Environmental Data

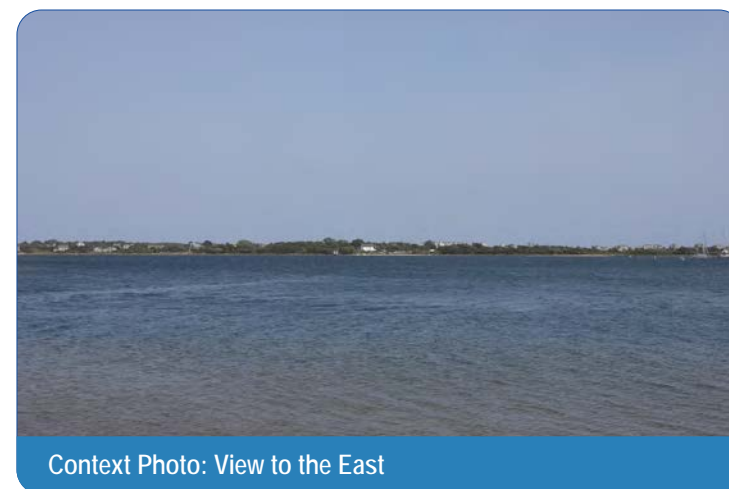
Date Illustrated: 9/11/2019  
 Time: 2:02 PM  
 Temperature: 60° F  
 Humidity: 69%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 15 mph  
 Conditions Observed: Clear

#### Camera Information

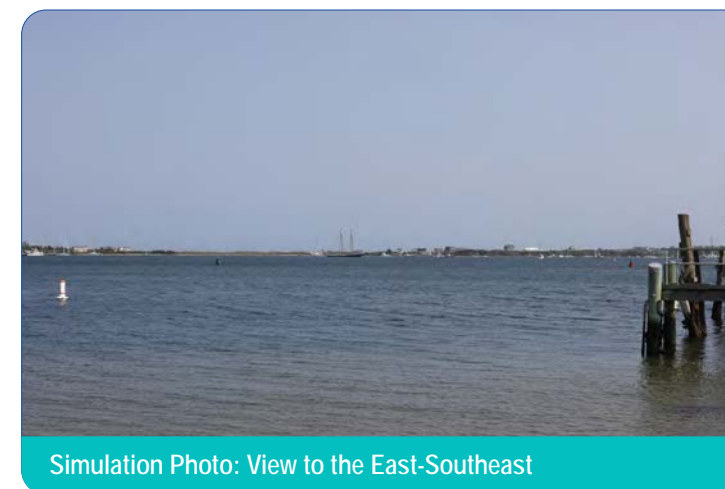
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 9.8 feet AMSL



Context Photo: View to the East-Northeast



Context Photo: View to the East



Simulation Photo: View to the East-Southeast



Context Photo: View to the South-Southeast

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint BI02: View from Great Salt Pond, New Shoreham

Source: COP Appendix Q1, Appendix C: Sheet 116 of 178

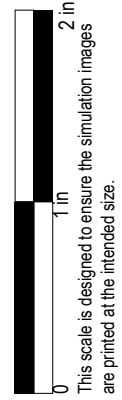


# Existing Conditions



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint BI02: View from Great Salt Pond, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 117 of 178



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**Sunrise**  
**Wind**

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# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint B102: View from Great Salt Pond, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 118 of 178



**Sunrise  
Wind**

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## Southeast Lighthouse

### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.15280° N, 71.55185° W  
 Direction of View: East-Southeast (115.6°)  
 Distance to Nearest Visible Turbine: 16.9 miles

### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Coastal Bluff  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Mohegan Bluffs State Scenic Area, Mohegan Bluffs Public Beach, State Owned Parks & Recreation Land, South East Light Stairway State Fishing and Boating Access, Southeast Rd State Scenic Area, Block Island South East Light National Historic Landmark

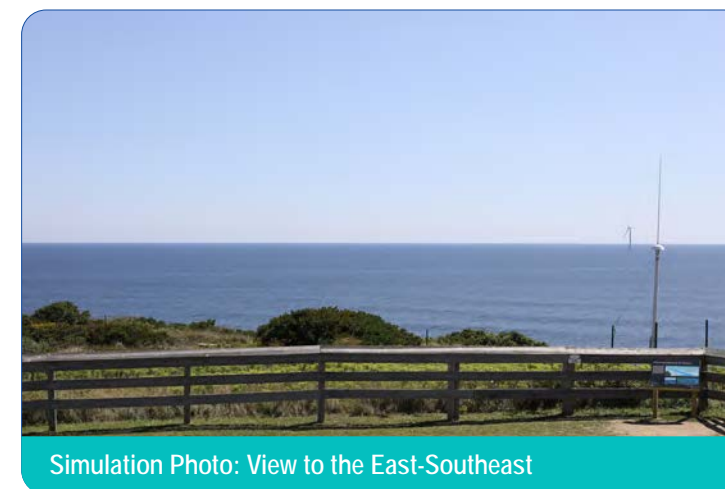
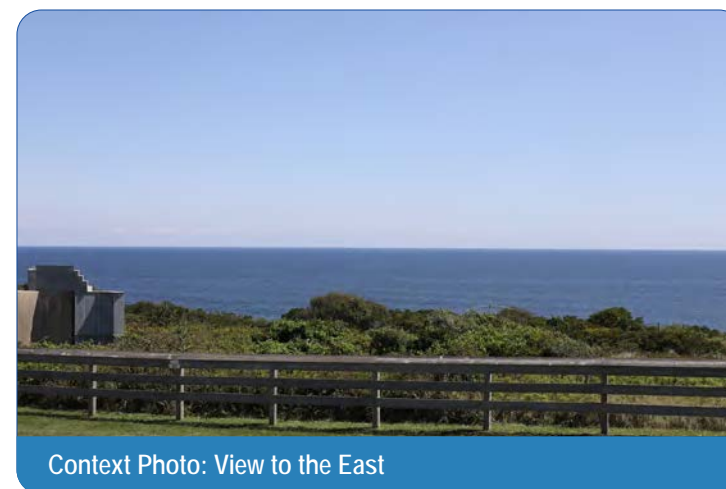
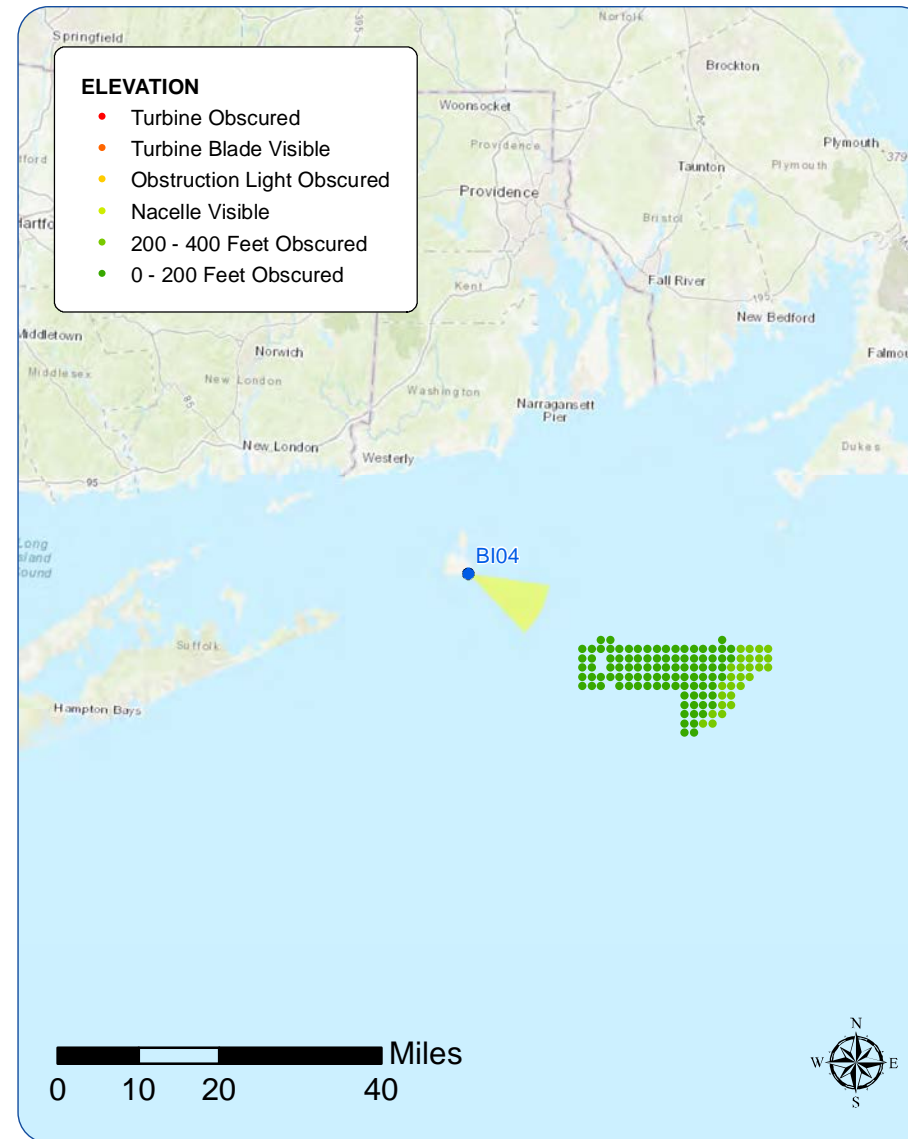
Notes: The Block Island Wind Farm is 3.0 miles from this location. Visibility was documented during field review.

### Environmental Data

Date Illustrated: 9/10/2017; 1/4/2020  
 Time: 1:20 PM; 8:24 AM  
 Temperature: 68.0 °F  
 Humidity: 63%  
 Visibility: >10 miles  
 Wind Direction: Northeast  
 Wind Speed: 8.1 mph  
 Conditions Observed: Clear

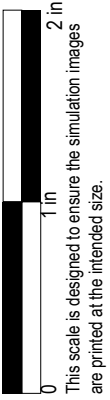
### Camera Information

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



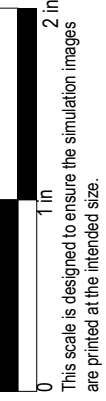


# Existing Conditions





Photosimulation





# Photographic Rendering - Sunrise Conditions



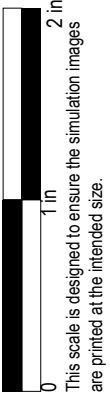
Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint B104: View from Southeast Lighthouse, New Shoreham

Source: COP Appendix Q1, Appendix C: Sheet 122 of 178

Sunrise  
Wind



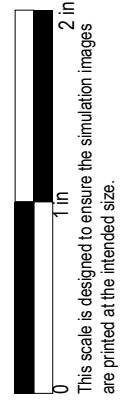
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# Existing Conditions - Night



Sunrise Wind Farm Project  
Outer Continental Shelf  
Viewpoint B104: View from Southeast Lighthouse, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 123 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise  
Wind**

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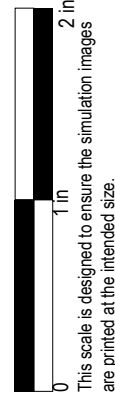


# Photosimulation - Night



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint B104: View from Southeast Lighthouse, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 124 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

**Sunrise**  
**Wind**

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## New Shoreham Beach

### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.14856° N, 71.57530° W  
 Direction of View: East-Southeast (113.9°)  
 Distance to Nearest Visible Turbine: 17.8 miles

### Environmental Data

Date Illustrated: 9/10/2017  
 Time: 1:27 PM  
 Temperature: 69.1 °F  
 Humidity: 63%  
 Visibility: >10 miles  
 Wind Direction: Northeast  
 Wind Speed: 10.4 mph  
 Conditions Observed: Clear

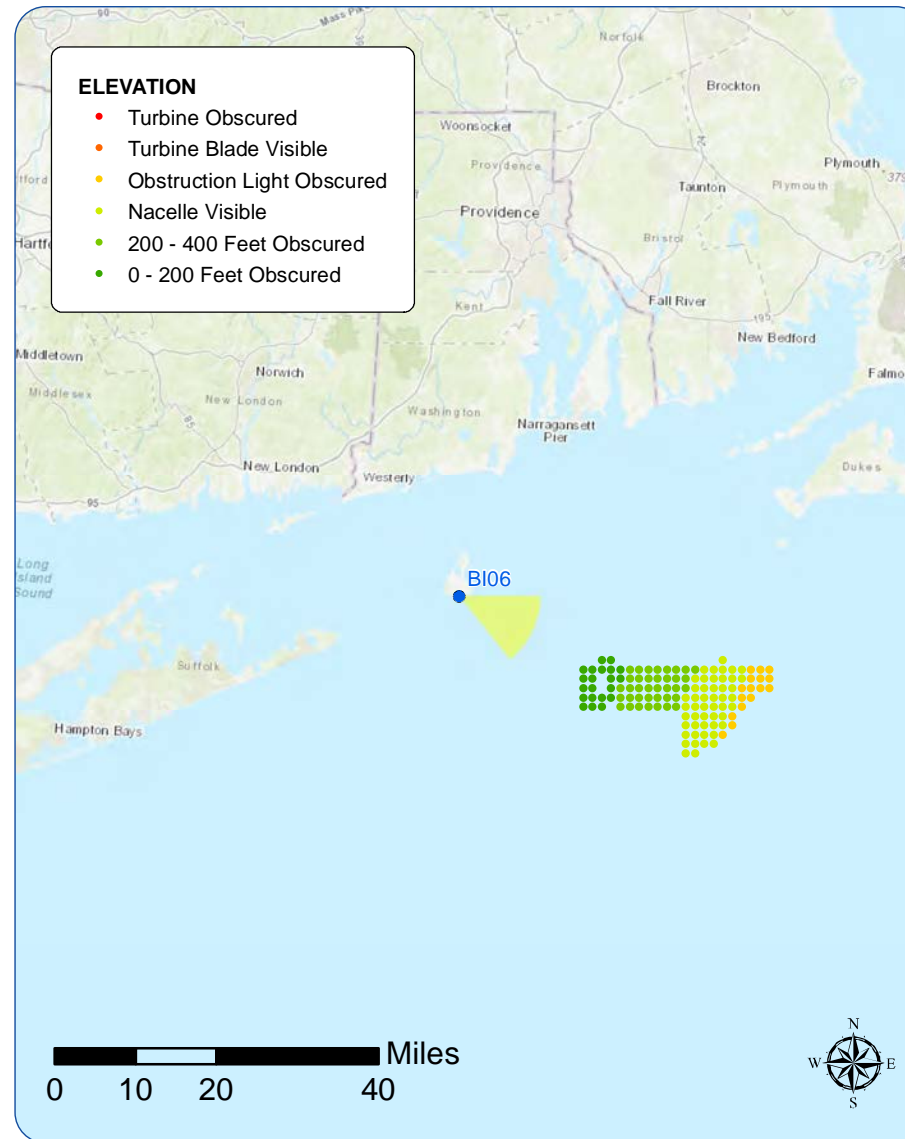
### Visual Resources

Landscape Similarity Zone: Shoreline Bluffs  
 User Group: Resident, Tourist  
 Aesthetic Resource: Lakeside Drive State Fishing and Boat Access, Mohegan Cottage, Hon. Julius Deming Perkins/"Bayberry Lodge", Vaill Cottage, Lakeside Drive and Mitchell Lane

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 11.0 feet AMSL

Notes: The Block Island Wind Farm is 3.5 miles from this location. Visibility was documented during field review.



Context Photo: View to the North-Northeast



Context Photo: View to the East-Southeast



Simulation Photo: View to the East-Southeast



Context Photo: View to the Southeast

### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint BI06: View from New Shoreham Beach, New Shoreham

Source: COP Appendix Q1, Appendix C: Sheet 125 of 178

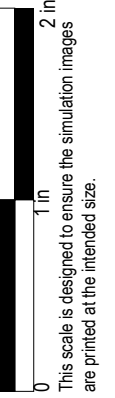


# Existing Conditions





# Photosimulation



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### Fred Benson Beach

#### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.18850° N, 71.56679° W  
 Direction of View: East-Southeast (119.4°)  
 Distance to Nearest Visible Turbine: 19.0 miles

#### Environmental Data

Date Illustrated: 9/10/2017  
 Time: 3:45 PM  
 Temperature: 68.0 °F  
 Humidity: 63%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: Calm  
 Conditions Observed: Scattered Clouds

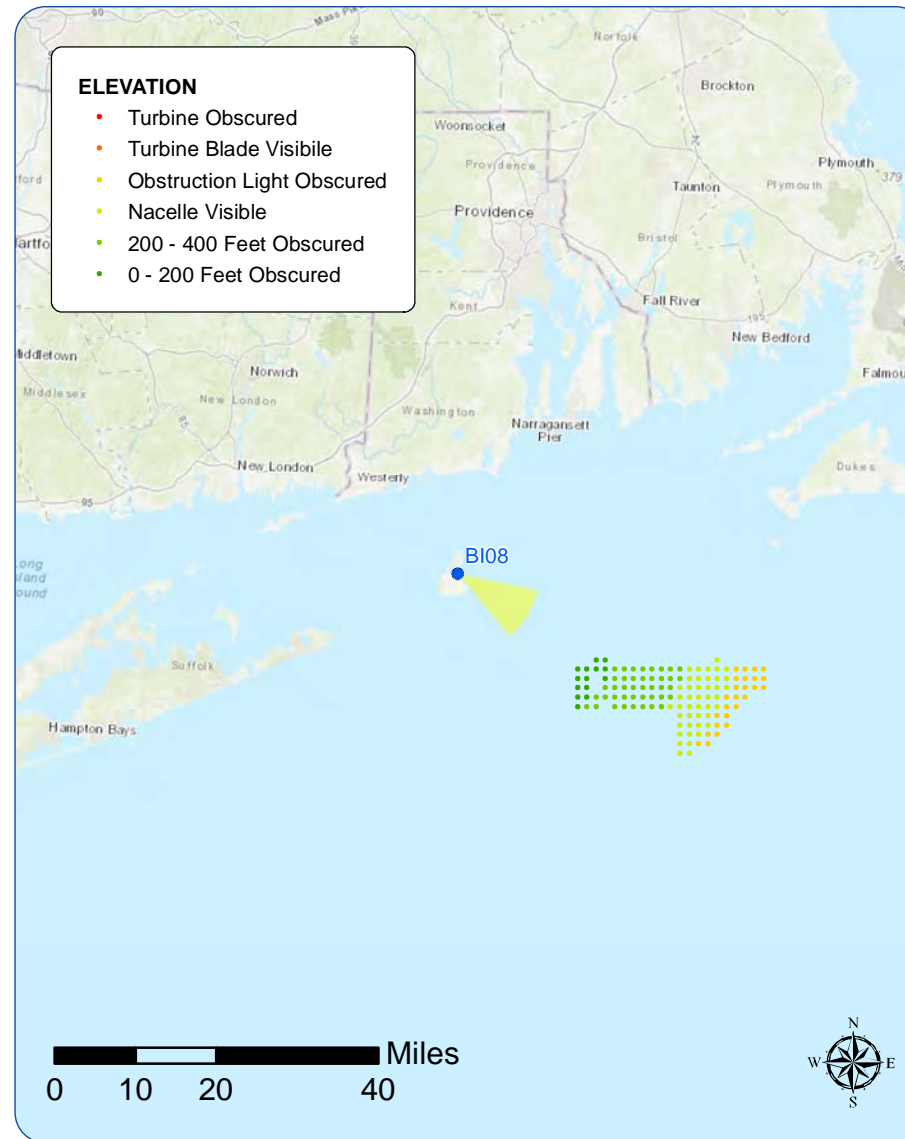
#### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Resident, Tourist  
 Aesthetic Resource: Crescent Beach State Scenic Area, Great Salt Pond State Scenic Area, Scotch Beach Road Public Beach, Indian Head Neck Road

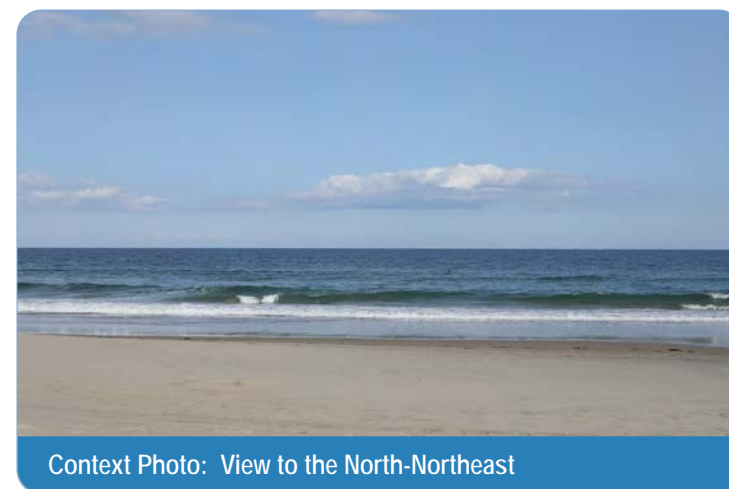
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 10.4 feet AMSL

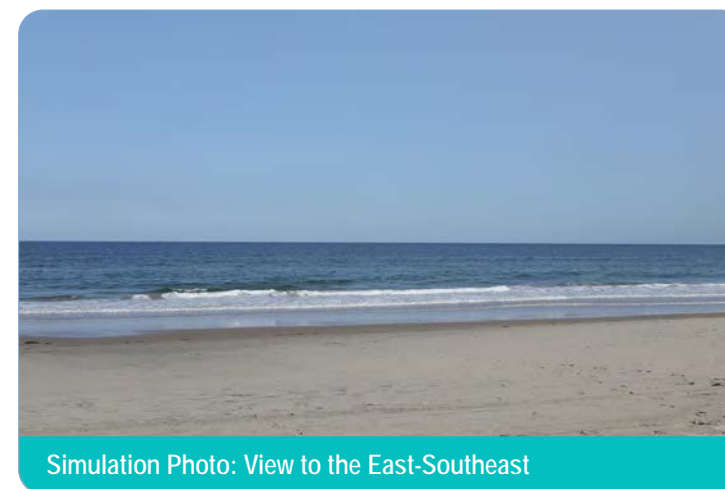
Notes: The Block Island Wind Farm is 5.3 miles from this location. Visibility was documented during field review.



Context Photo: View to the Northwest



Context Photo: View to the North-Northeast



Simulation Photo: View to the East-Southeast



Context Photo: View to the South-Southeast



# Existing Conditions

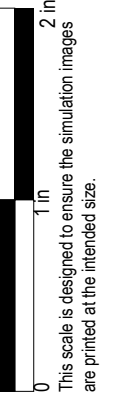


**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint BI08: View from Fred Benson Beach, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 129 of 178

**Sunrise**  
**Wind**

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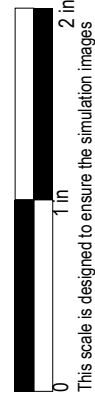


# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint B108: View from Fred Benson Beach, New Shoreham  
Source: COP Appendix Q1, Appendix C: Sheet 130 of 178



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**Sunrise**  
**Wind**

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### Clayhead Trail

#### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.21274° N, 71.55510° W  
 Direction of View: Southeast to South-Southeast (129.7°)  
 Distance to Nearest Visible Turbine: 19.5 miles

#### Environmental Data

Date Illustrated: 9/11/2019  
 Time: 11:37 AM  
 Temperature: 60.0 °F  
 Humidity: 69%  
 Visibility: >10 miles  
 Wind Direction: South  
 Wind Speed: 15 mph  
 Conditions Observed: Partly Cloudy

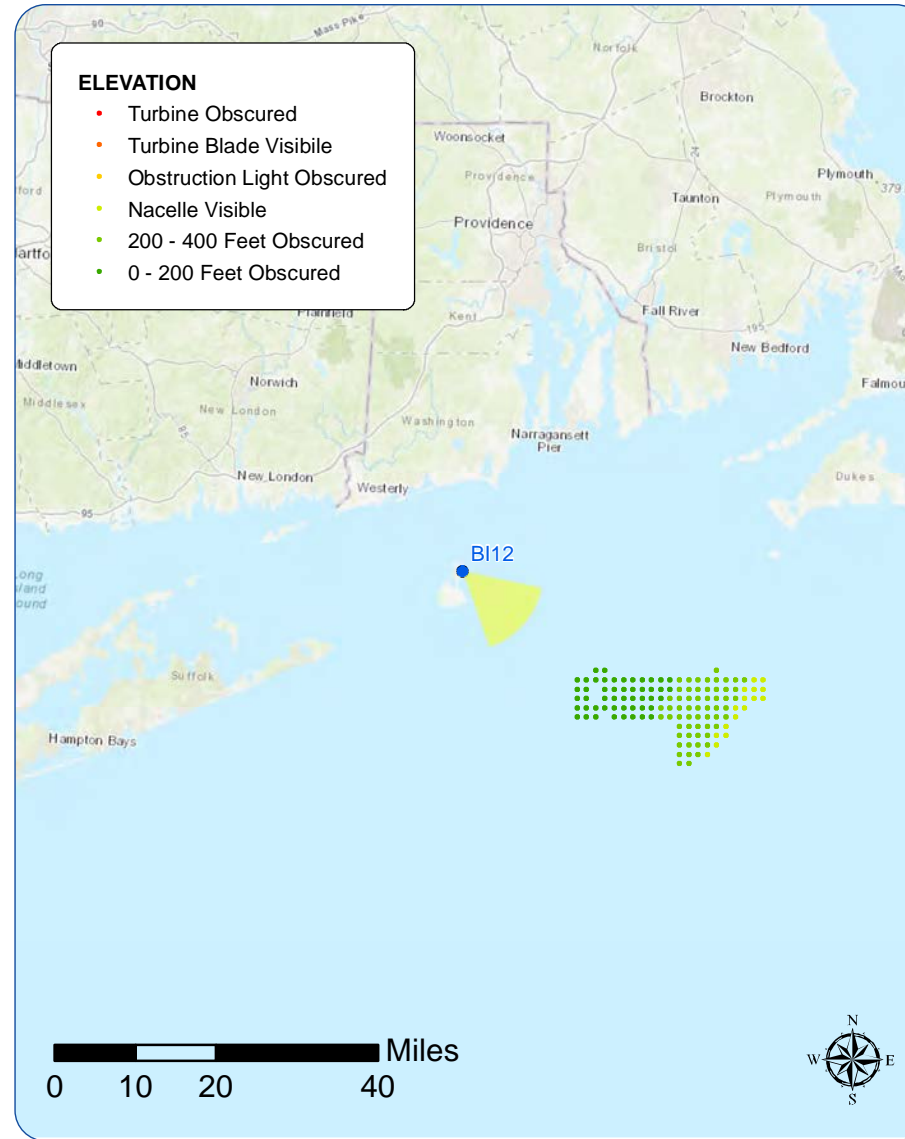
#### Visual Resources

Landscape Similarity Zone: Coastal Bluff  
 Viewer Type: Tourists/Vacationers, Local Residents  
 Aesthetic Resource: Clayhead Trail, Corn Neck Road

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 24 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 78.8 feet AMSL

Notes: The Block Island Wind Farm is 6.5 miles from this location. Visibility was documented during field review.



Context Photo: View to the East



Simulation Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Context Photo: View to the South-Southwest



Existing Conditions



This scale is designed to ensure the simulation images are printed at the intended size.



Photosimulation

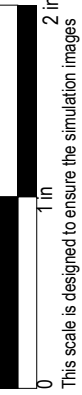


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint B112: View from Clayhead Trail, New Shoreham

Source: COP Appendix Q1, Appendix C: Sheet 133 of 178



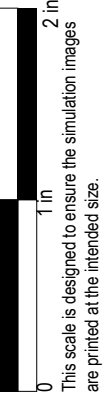
This scale is designed to ensure the simulation images are printed at the intended size.

Sunrise  
Wind

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Existing Conditions



This scale is designed to ensure the simulation images are printed at the intended size.



Photosimulation

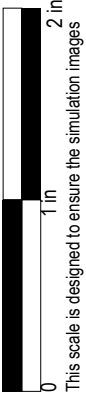


Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint B112: View from Clayhead Trail, New Shoreham

Source: COP Appendix Q1, Appendix C: Sheet 135 of 178



This scale is designed to ensure the simulation images are printed at the intended size.

Sunrise  
Wind

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## Mohegan Bluffs

### Viewpoint Information

County: Washington  
 Town: New Shoreham  
 State: Rhode Island  
 Location: Block Island  
 Coordinates: 41.15121° N, 71.55863° W  
 Direction of View: East-Southeast (113.9°)  
 Distance to Nearest Visible Turbine: 17.2 miles

### Environmental Data

Date Illustrated: 07/15/2020  
 Time: 12:41 PM  
 Temperature: 71 °F  
 Humidity: 70%  
 Visibility: >10 miles  
 Wind Direction: East North-east  
 Wind Speed: 8 mph  
 Conditions Observed: Cloudy

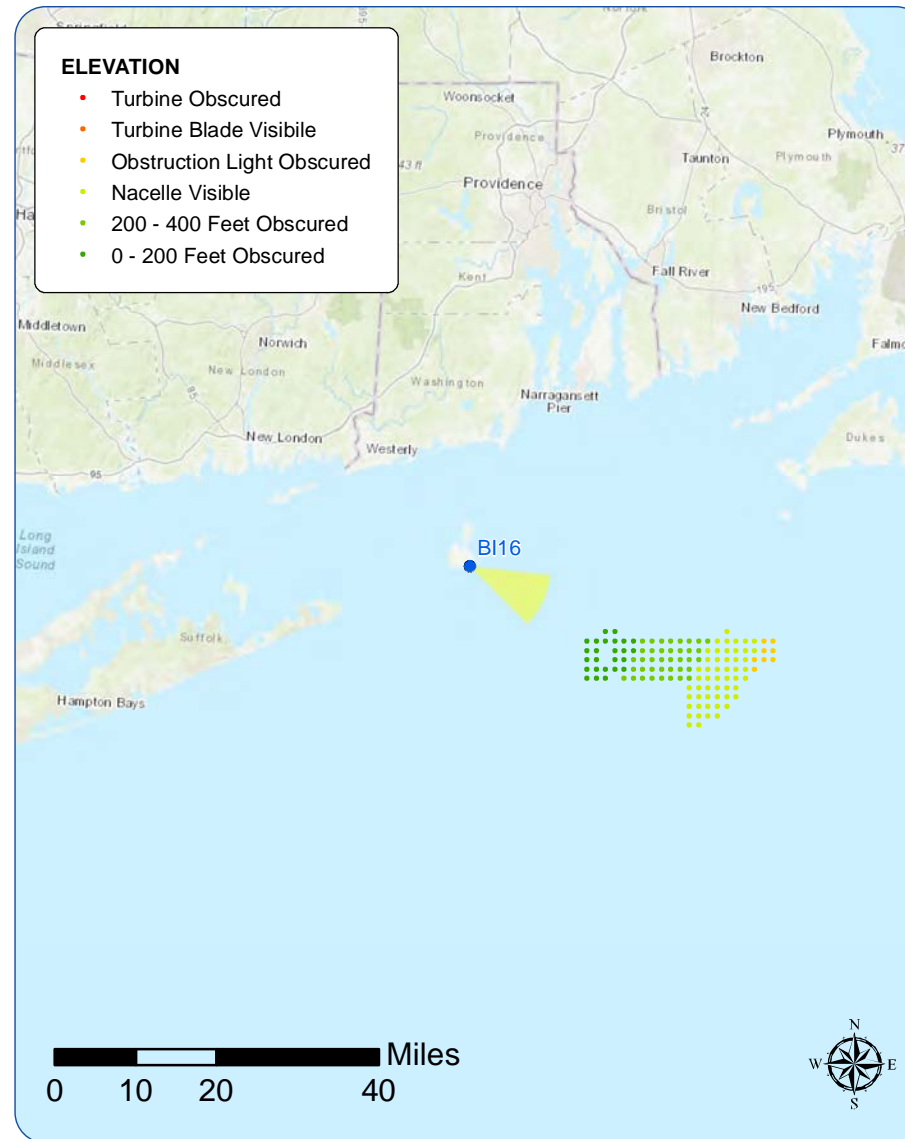
### Visual Resources

Landscape Similarity Zone: Shoreline Beach, Coastal Bluff  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Mohegan Bluffs State Scenic Area, Mohegan Bluffs Public Beach, State Owned Parks & Recreation Land, South East Light Stairway State Fishing and Boating Access, Southeast Rd State Scenic Area, Pilot Hill Road and Seaweed Lane

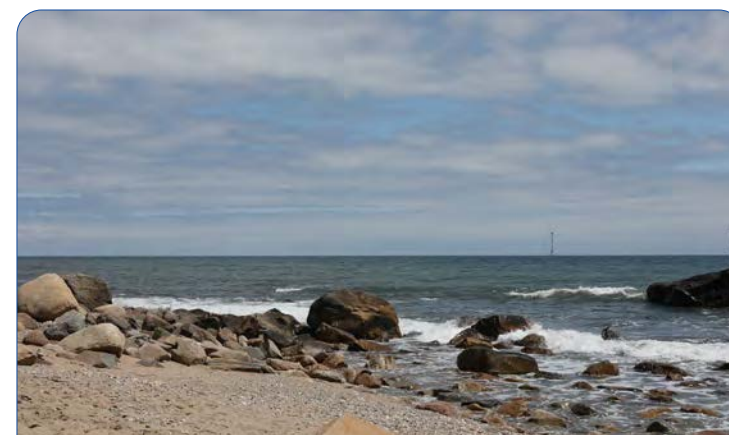
### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 13.0 feet AMSL

Notes: The Block Island Wind Farm is 3.2 miles from this location. Visibility was documented during field review.



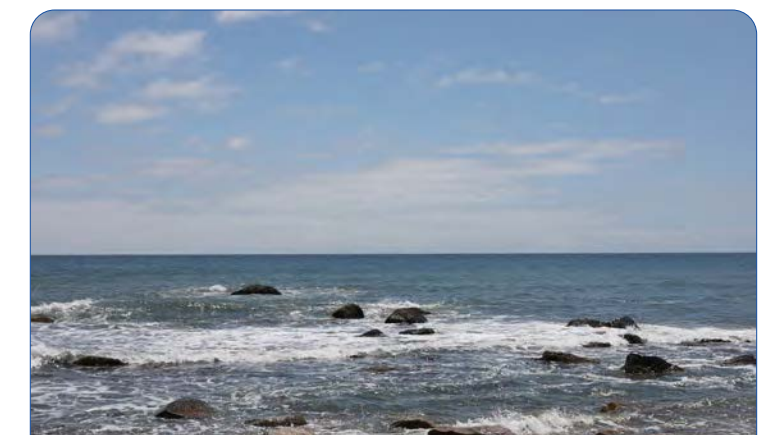
Context Photo: View to the East



Simulation Photo: View to the East-Southeast



Context Photo: View to the South-Southeast



Context Photo: View to the Southwest

### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint BI16: View from Mohegan Bluffs, New Shoreham

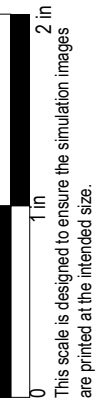
Source: COP Appendix Q1, Appendix C: Sheet 136 of 178



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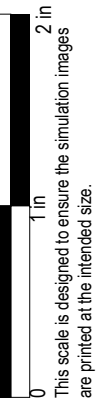


# Existing Conditions





Photosimulation





## Beavertail Lighthouse

### Viewpoint Information

County: Newport  
 Town: Jamestown  
 State: Rhode Island  
 Location: Conanicut Island  
 Coordinates: 41.44978° N, 71.39848° W  
 Direction of View: Southeast to South-Southeast (147.7°)  
 Distance to Nearest Visible Turbine: 29.5 miles

### Environmental Data

Date Illustrated: 7/26/2017  
 Time: 7:25 PM  
 Temperature: 66.0 °F  
 Humidity: 84%  
 Visibility: >10 miles  
 Wind Direction: South-Southwest  
 Wind Speed: 6.9 mph  
 Conditions Observed: Clear

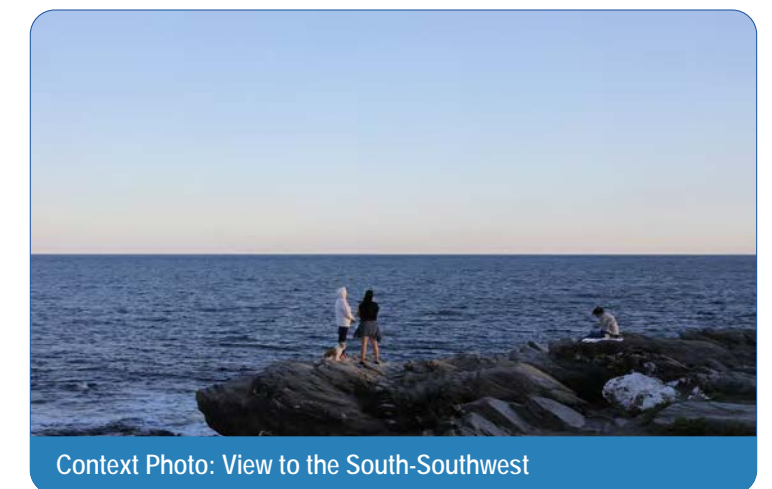
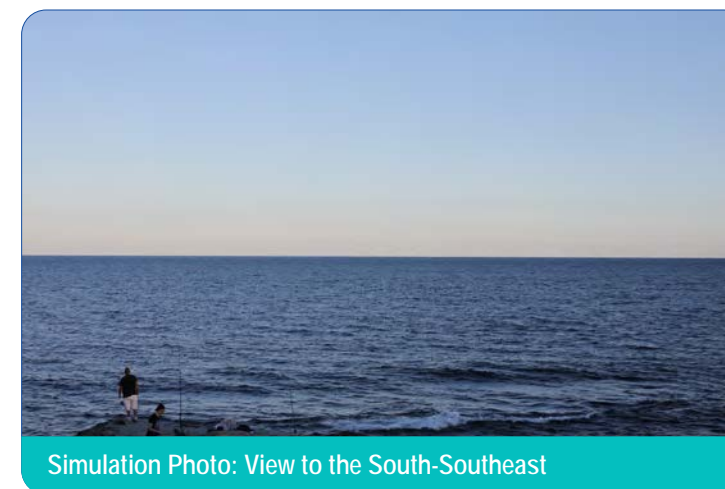
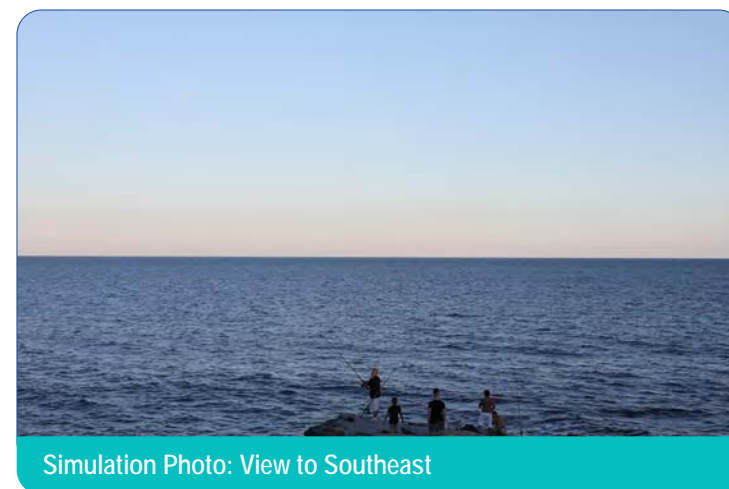
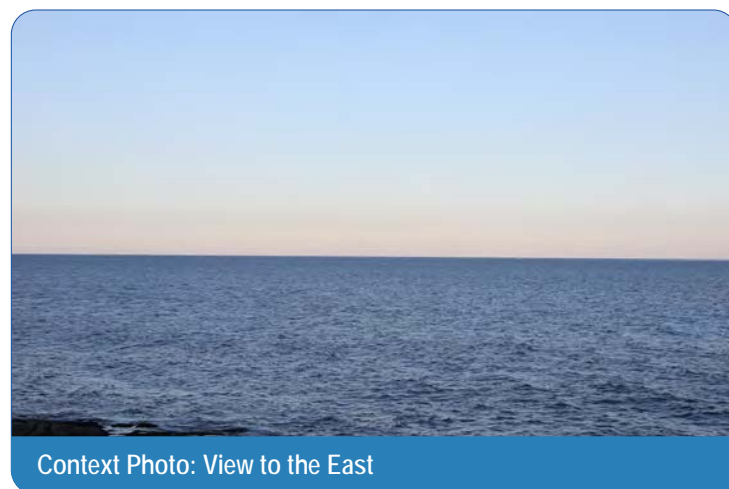
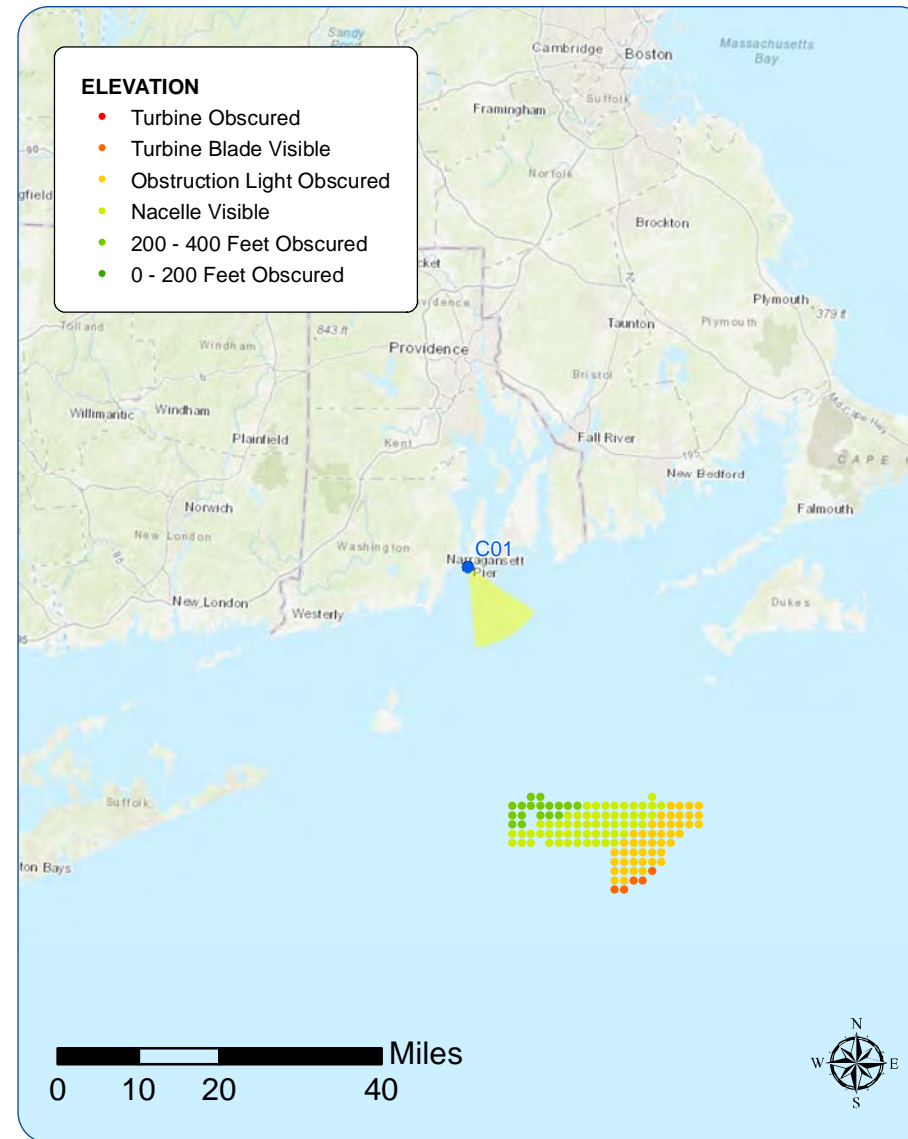
### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Coastal Bluff  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Beavertail State Park, Beavertail State Fishing and Boating Access, Beavertail Point State Scenic Area, Beavertail Light

### Camera Information

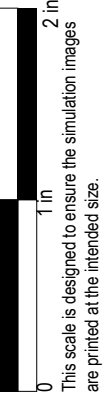
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 27.5 feet AMSL

Notes: The Block Island Wind Farm is 23.1 miles from this location. Visibility was documented during field review.



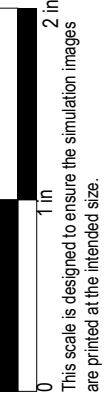


# Existing Conditions





Photosimulation





# Existing Conditions

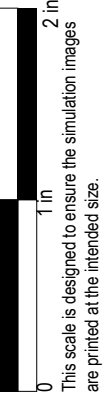


Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint C01: View from Beavertail Lighthouse, Jamestown

Source: COP Appendix Q1, Appendix C: Sheet 142 of 178

Sunrise  
Wind

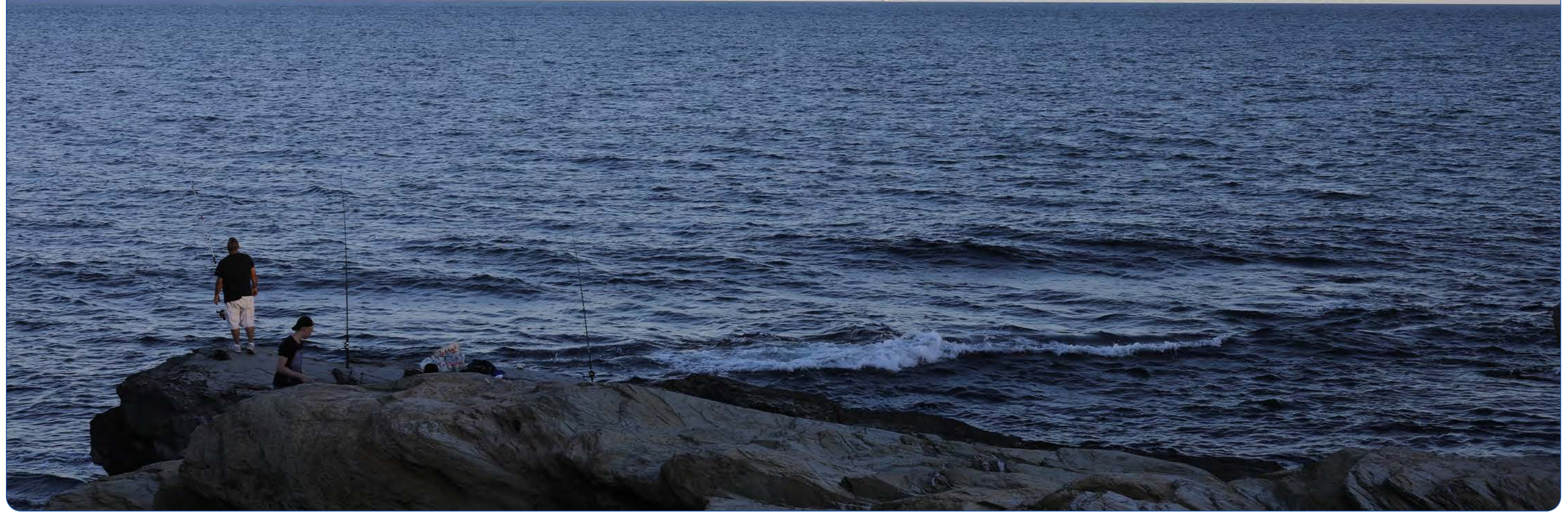


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Photosimulation

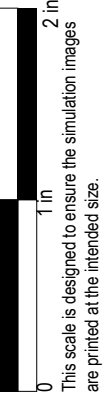


Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint C01: View from Beavertail Lighthouse, Jamestown

Source: COP Appendix Q1, Appendix C: Sheet 143 of 178

Sunrise  
Wind



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## Watch Hill Lighthouse

### Viewpoint Information

County: Washington  
 Town: Westerly  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.30518° N, 71.85784° W  
 Direction of View: East-Southeast (113.3°)  
 Distance to Nearest Visible Turbine: 36.0 miles

### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Shoreline Residential  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Watch Hill State Scenic Area, Watch Hill Lighthouse, Watch Hill Historic District

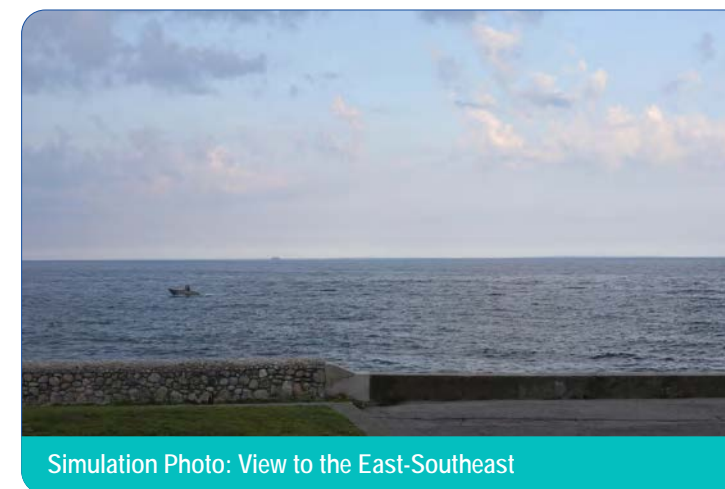
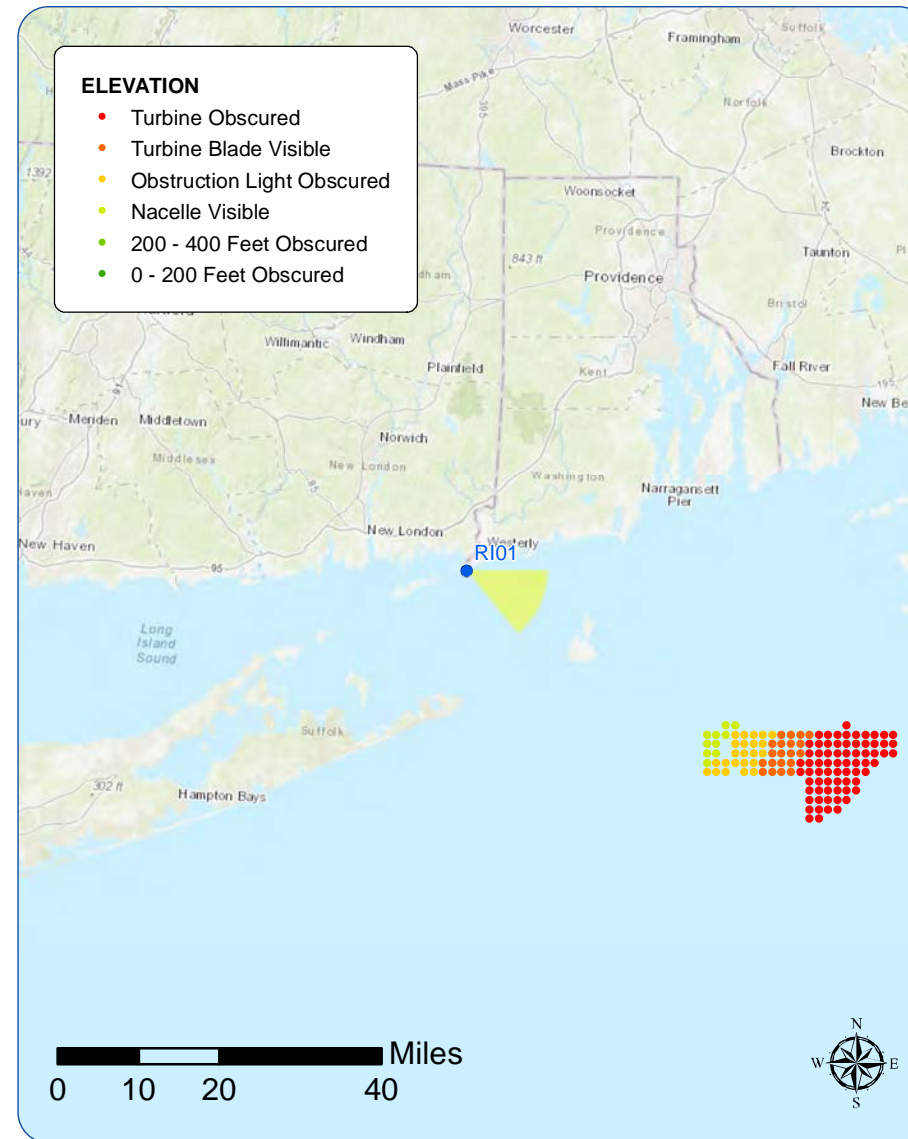
Notes: The Block Island Wind Farm is 21.6 miles from this location. Visibility was documented during field review.

### Environmental Data

Date Illustrated: 8/2/2017  
 Time: 6:23 PM  
 Temperature: 75.0 °F  
 Humidity: 79%  
 Visibility: >10 miles  
 Wind Direction: Southwest  
 Wind Speed: 6.9 mph  
 Conditions Observed: Mostly Cloudy

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 24.1 feet AMSL



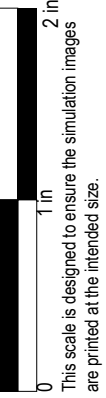


# Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint R101: View from Watch Hill Lighthouse, Westerly  
Source: COP Appendix Q1, Appendix C: Sheet 145 of 178



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Sunrise  
Wind

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Photosimulation



Sunrise Wind Farm Project

Outer Continental Shelf

Viewpoint R101: View from Watch Hill Lighthouse, Westerly

Source: COP Appendix Q1, Appendix C: Sheet 146 of 178



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Sunrise  
Wind

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## Weekapaug Breechway

### Viewpoint Information

County: Washington  
 Town: Westerly  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.32884° N, 71.76306° W  
 Direction of View: Southeast (126.8°)  
 Distance to Nearest Visible Turbine: 33.0 miles

### Environmental Data

Date Illustrated: 08/02/2017  
 Time: 6:30 PM  
 Temperature: 75 °F  
 Humidity: 79%  
 Visibility: >10 miles  
 Wind Direction: Southwest  
 Wind Speed: 7 mph  
 Conditions Observed: Partly Cloudy

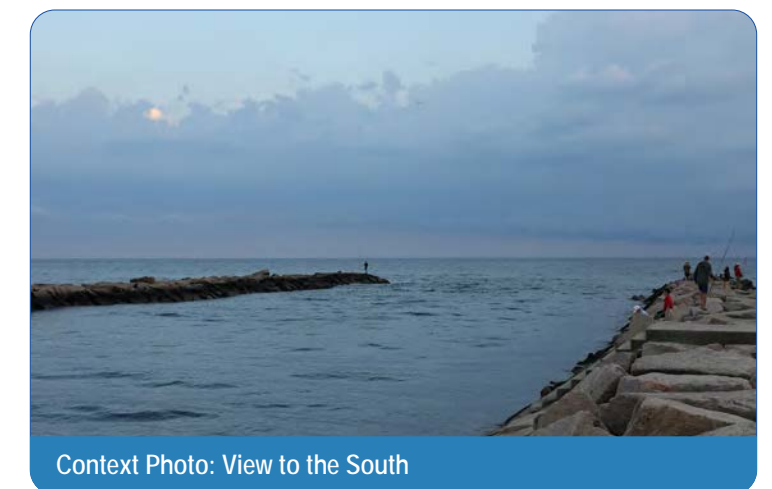
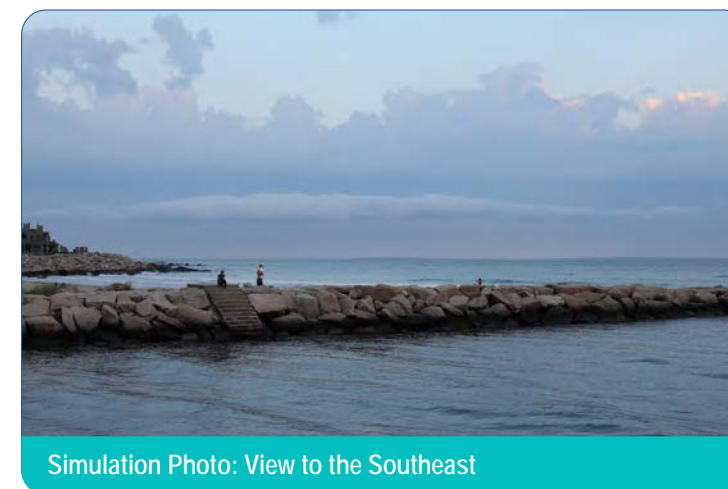
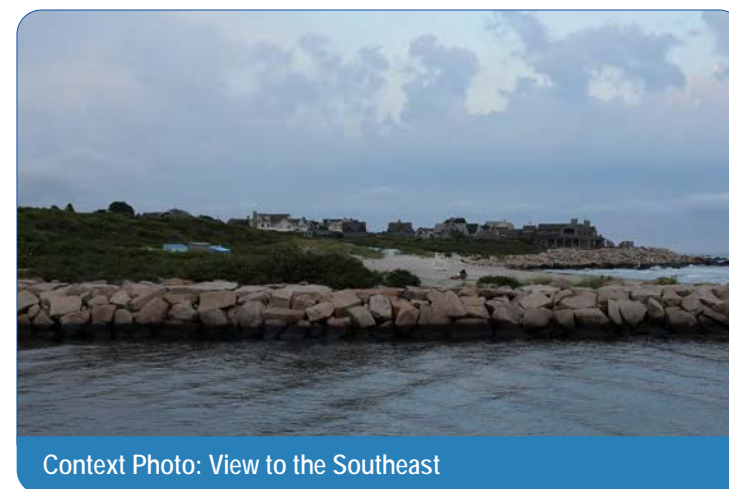
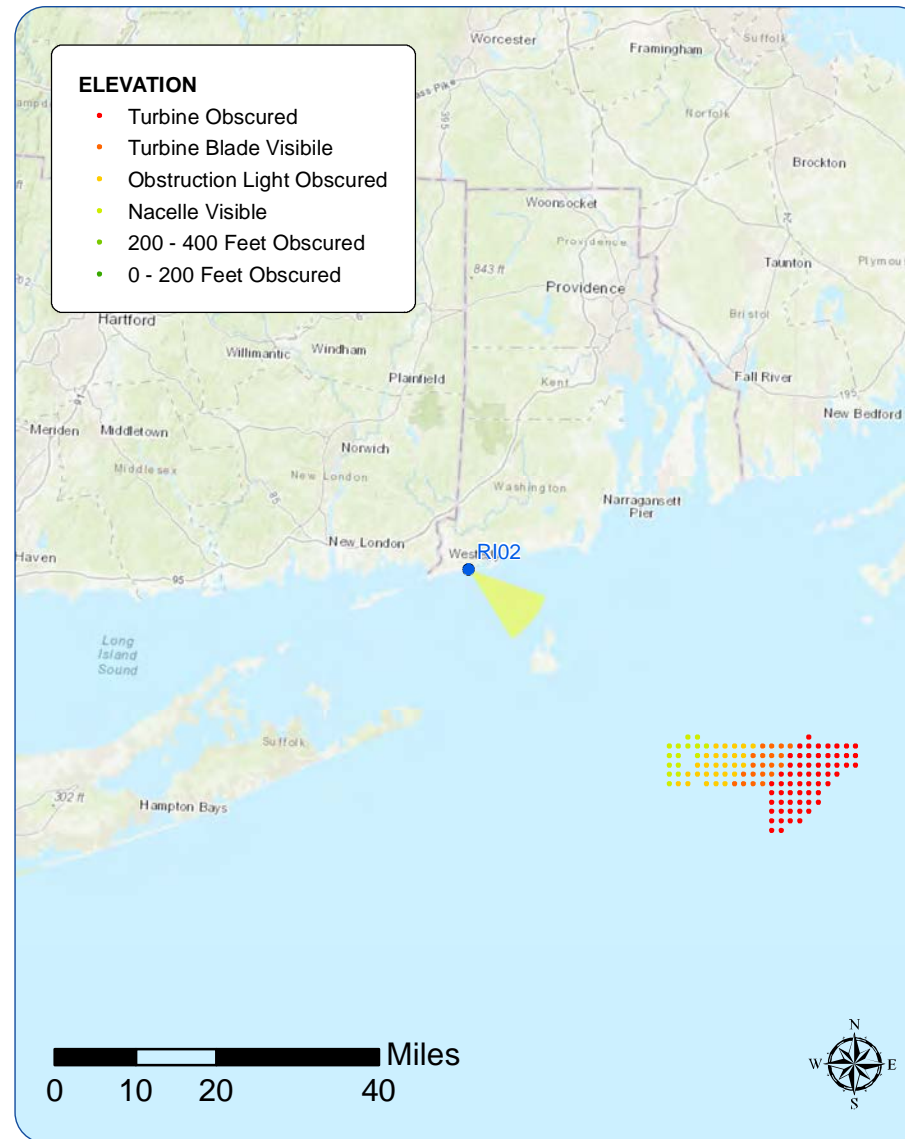
### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Other State Owned Boat Ramps & Fishing Access, Great Thicket National Wildlife Refuge, The Dunes Trailer Park Public Beach, Weekapaug Breachway, Winnipaug Pond State Scenic Area, Weekapaug Bridge

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 12.4 feet AMSL

Notes: The Block Island Wind Farm is 19.3 miles from this location. Visibility was documented during field review.





Existing Conditions

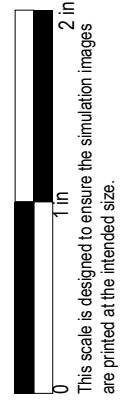




Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**  
Viewpoint R102: View from Weekapaug Breachway, Westerly  
Source: COP Appendix Q1, Appendix C: Sheet 149 of 178



**Sunrise**  
**Wind**

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### Point Judith Lighthouse

#### Viewpoint Information

County: Washington  
 Town: Narragansett  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.36308° N, 71.48099° W  
 Direction of View: East-Southeast to South-Southeast (132.0°)  
 Distance to Nearest Visible Turbine: 25.7 miles

#### Environmental Data

Date Illustrated: 08/03/2017  
 Time: 11:36 AM  
 Temperature: 78.0 °F  
 Humidity: 76%  
 Visibility: >10 miles  
 Wind Direction: South-Southeast  
 Wind Speed: 10 mph  
 Conditions Observed: Partly Cloudy

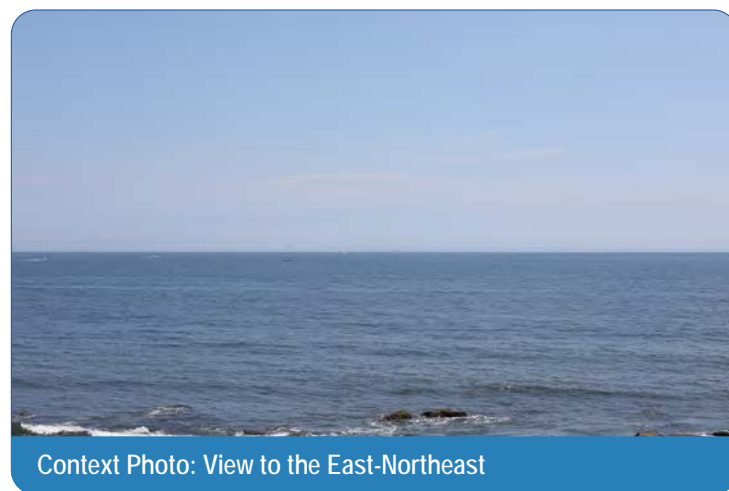
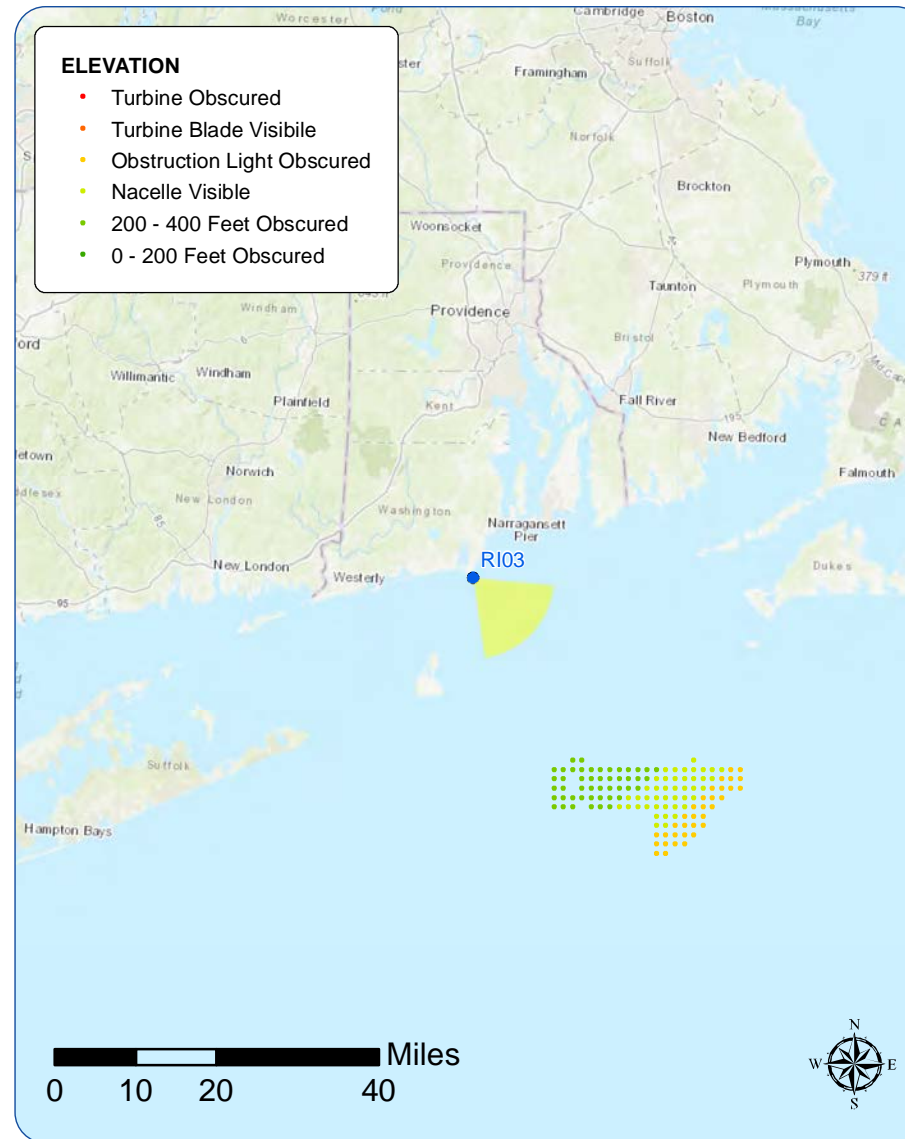
#### Visual Resources

Landscape Similarity Zone: Maintained Recreation Area  
 User Group: Local Residents, Tourists/Vacationers, Fishing Community  
 Aesthetic Resource: Point Judith State Scenic Area, Point Judith Wildlife Management Area, Point Judith Lighthouse

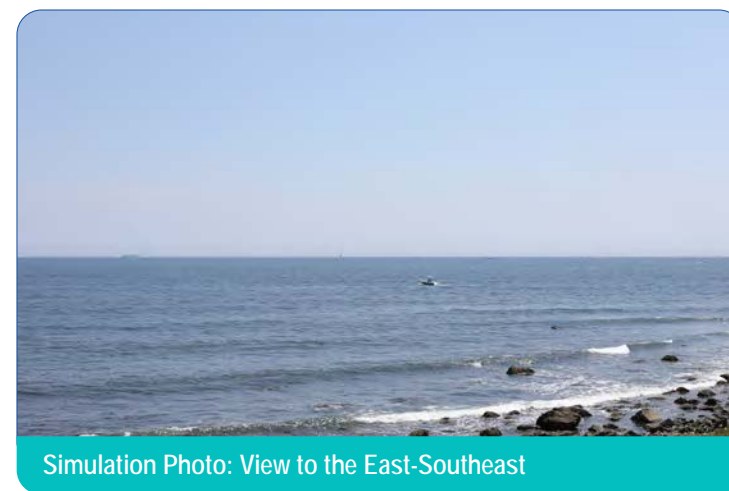
#### Camera Information

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

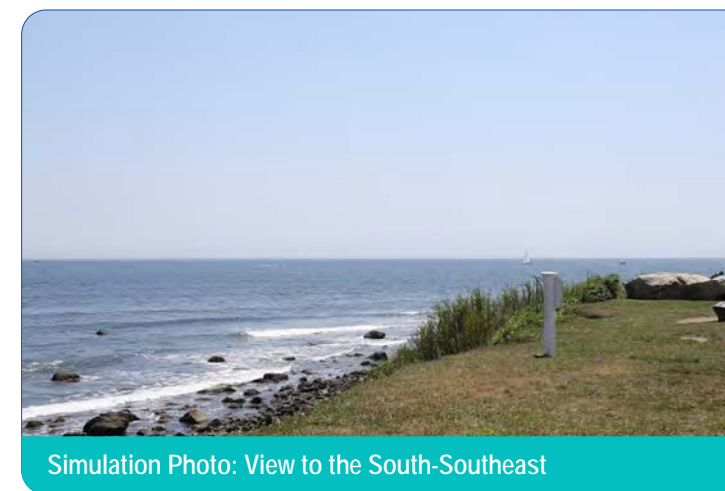
Notes: The Block Island Wind Farm is 16.4 miles from this location. Visibility was documented during field review.



Context Photo: View to the East-Northeast



Simulation Photo: View to the East-Southeast



Simulation Photo: View to the South-Southeast



Context Photo: View to the South-Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint RI03: View from Point Judith Lighthouse, Narragansett

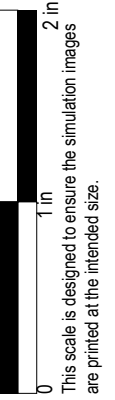
Source: COP Appendix Q1, Appendix C: Sheet 150 of 178



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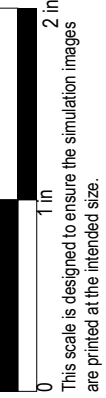


# Existing Conditions



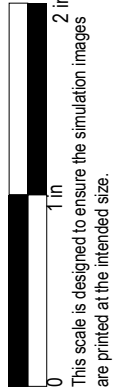


Photosimulation



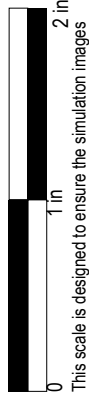


# Existing Conditions





Photosimulation



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### South Shore Beach

#### Viewpoint Information

County: Newport  
 Town: Little Compton  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.49549° N, 71.13312° W  
 Direction of View: South to South-Southeast (172.1°)  
 Distance to Nearest Visible Turbine: 31.6 miles

#### Environmental Data

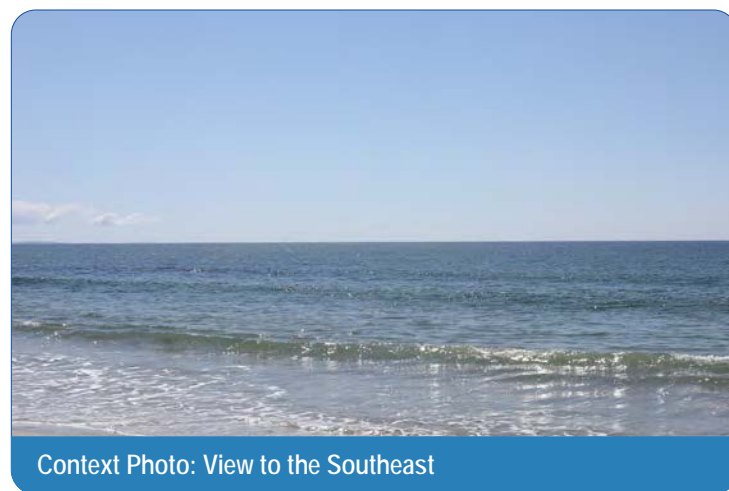
Date Illustrated: 07/26/2017  
 Time: 10:54 AM  
 Temperature: 76.0 °F  
 Humidity: 52%  
 Visibility: >10 miles  
 Wind Direction: Variable  
 Wind Speed: 3 mph  
 Conditions Observed: Mostly Clear

#### Visual Resources

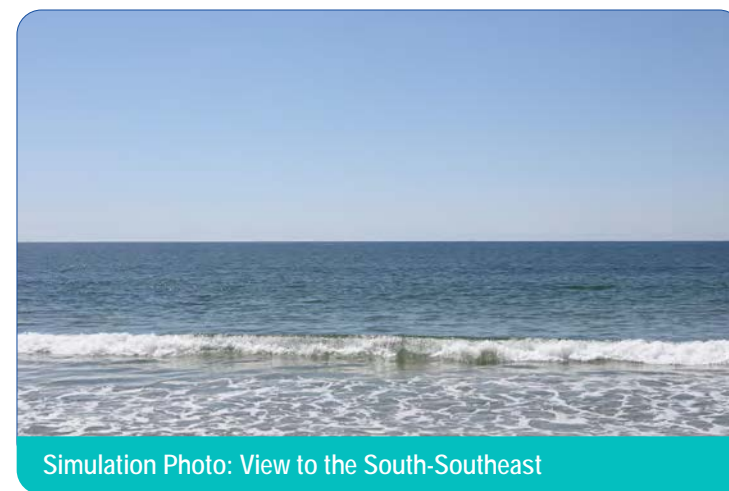
Landscape Similarity Zone: Shoreline Beach, Shoreline Residential  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Little Compton Agricultural Lands State Scenic Area, South Shore Beach Public Beach

#### Camera Information

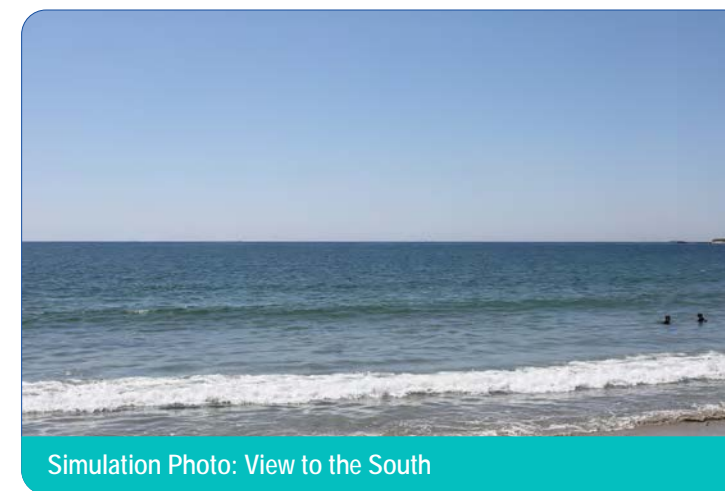
Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 8.6 feet AMSL



Context Photo: View to the Southeast



Simulation Photo: View to the South-Southeast



Simulation Photo: View to the South



Context Photo: View to the South-Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint R104: View from South Shore Beach, Little Compton

Source: COP Appendix Q1, Appendix C: Sheet 155 of 178



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# Existing Conditions



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# Photosimulation

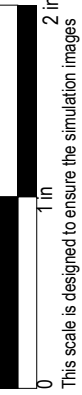


**Sunrise Wind Farm Project**

**Outer Continental Shelf**

Viewpoint R104: View from South Shore Beach, Little Compton

Source: COP Appendix Q1, Appendix C: Sheet 157 of 178



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**Sunrise  
Wind**

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# Existing Conditions





Photosimulation





### Trustom Pond National Wildlife Refuge

#### Viewpoint Information

County: Washington  
 Town: South Kingstown  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.37216° N, 71.58689° W  
 Direction of View: East-Southeast (135.3°)  
 Distance to Nearest Visible Turbine: 29.0 miles

#### Environmental Data

Date Illustrated: 1/18/2018  
 Time: 7:51 AM  
 Temperature: 21.9 °F  
 Humidity: 68%  
 Visibility: >10 miles  
 Wind Direction: NNW  
 Wind Speed: 9.2 mph  
 Conditions Observed: Partly Cloudy

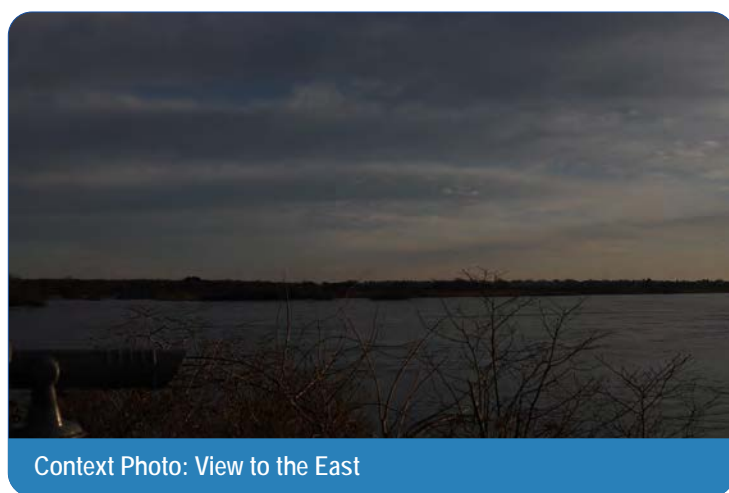
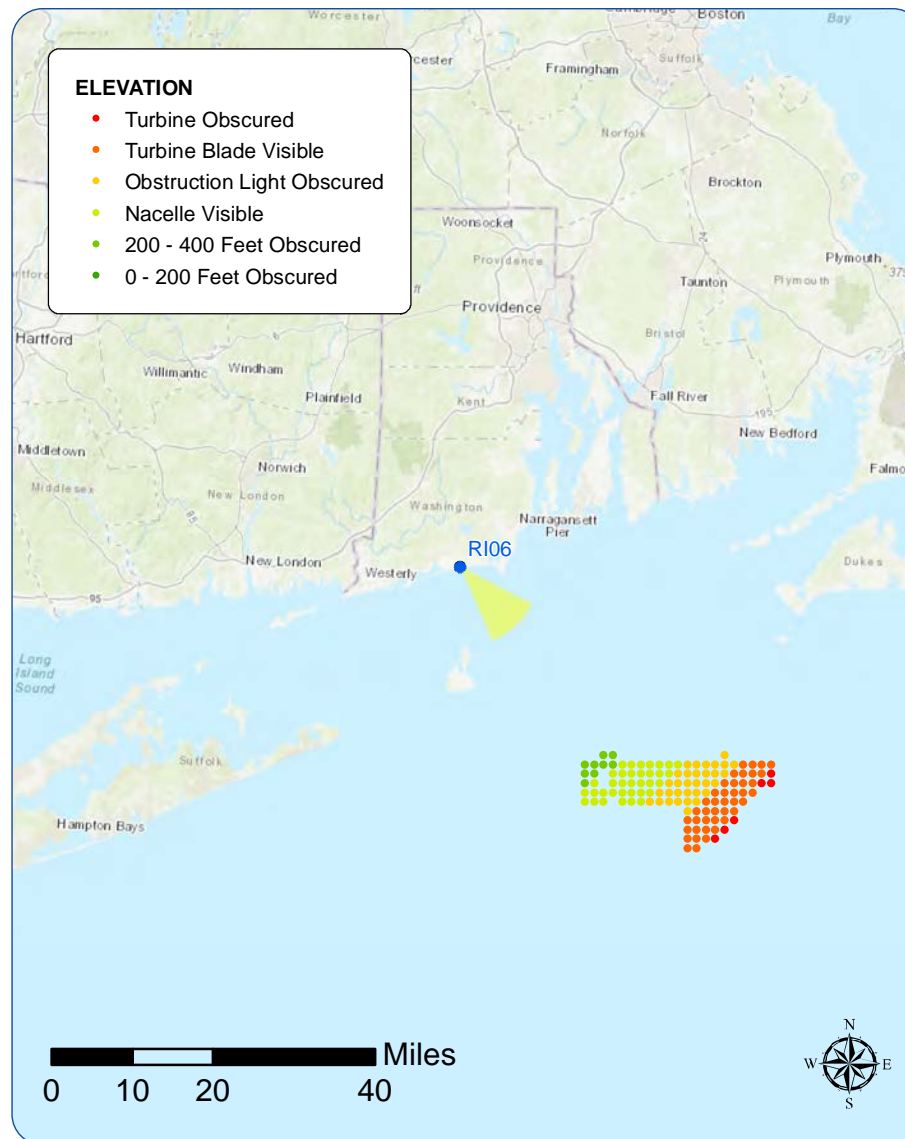
#### Visual Resources

Landscape Similarity Zone: Salt Pond/Tidal Marsh  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Trustom Pond National Wildlife Refuge, Trustom Pond National Wildlife Refuge Public Beach, Trustom Pond/Matunuck State Scenic Area

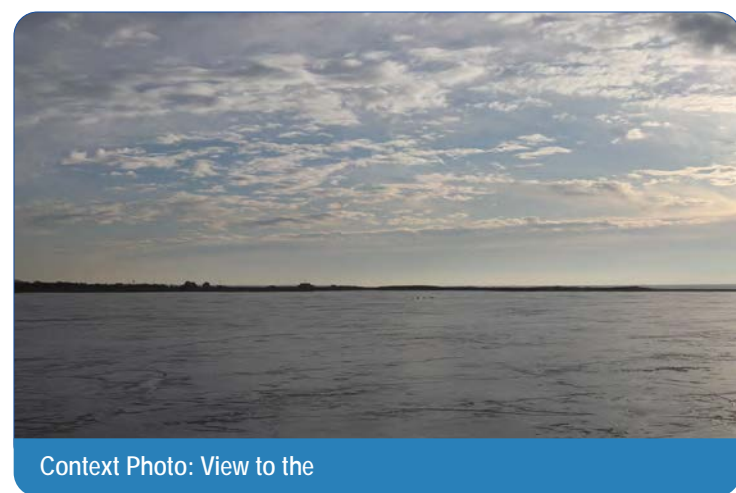
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 13.8 feet AMSL

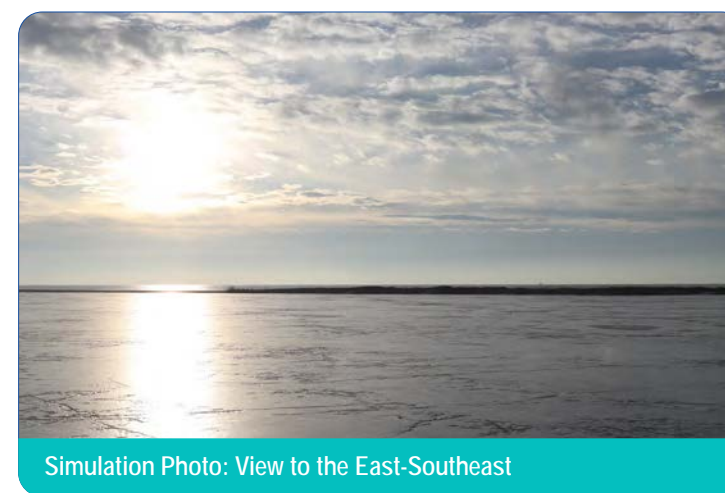
Notes: The Block Island Wind Farm is 17.5 miles from this location, suggesting it may theoretically be visible.



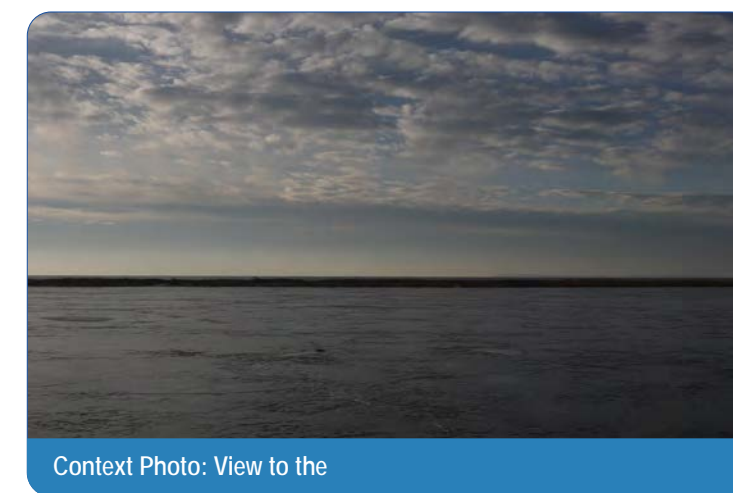
Context Photo: View to the East



Context Photo: View to the East-Southeast



Simulation Photo: View to the East-Southeast



Context Photo: View to the East-Southeast

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint RI06: View from Trustom Pond NWR, South Kingstown

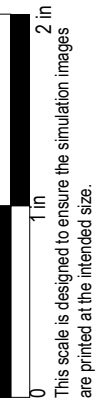
Source: COP Appendix Q1, Appendix C: Sheet 160 of 178



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# Existing Conditions





Photosimulation



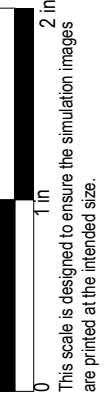
Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint R106: View from Trustom Pond NWR, South Kingstown

Source: COP Appendix Q1, Appendix C: Sheet 162 of 178

Sunrise  
Wind

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### Scarborough State Beach

#### Viewpoint Information

County: Washington  
 Town: Narragansett  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.39094° N, 71.47130° W  
 Direction of View: South-Southeast to Southeast (137.3°)  
 Distance to Nearest Visible Turbine: 27.1 miles

#### Environmental Data

Date Illustrated: 8/3/2017  
 Time: 11:07 AM  
 Temperature: 73.9 °F  
 Humidity: 87%  
 Visibility: >10 miles  
 Wind Direction: South-Southwest  
 Wind Speed: 8.1 mph  
 Conditions Observed: Scattered Clouds

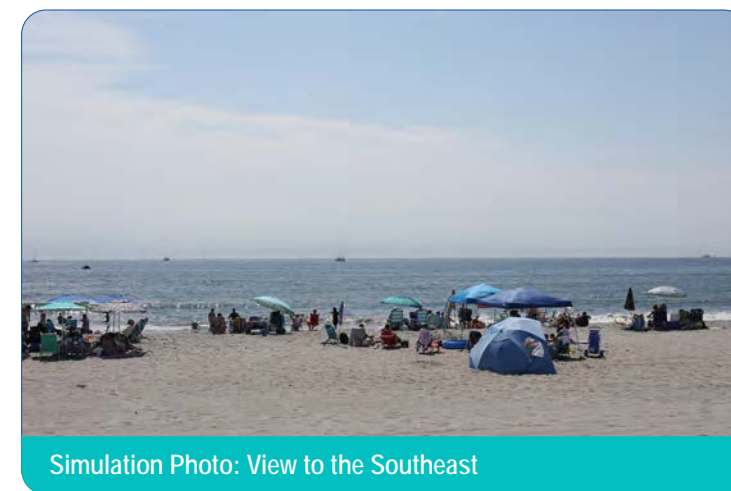
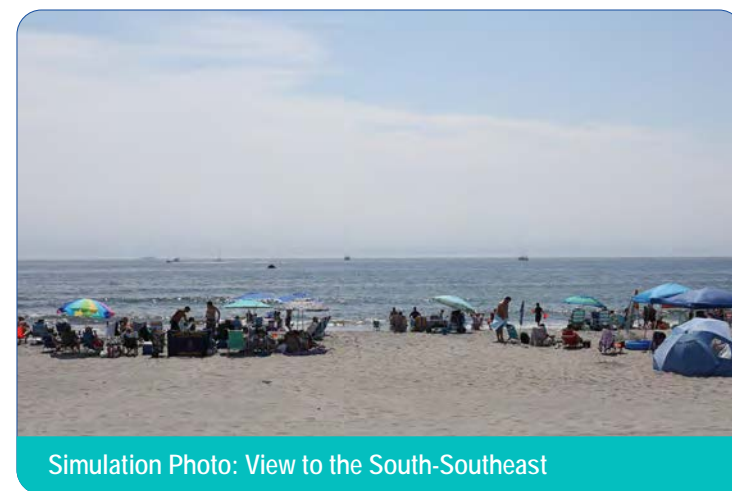
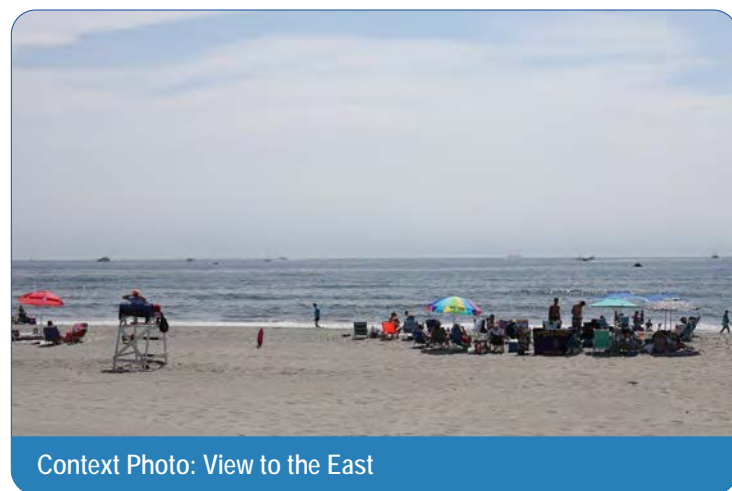
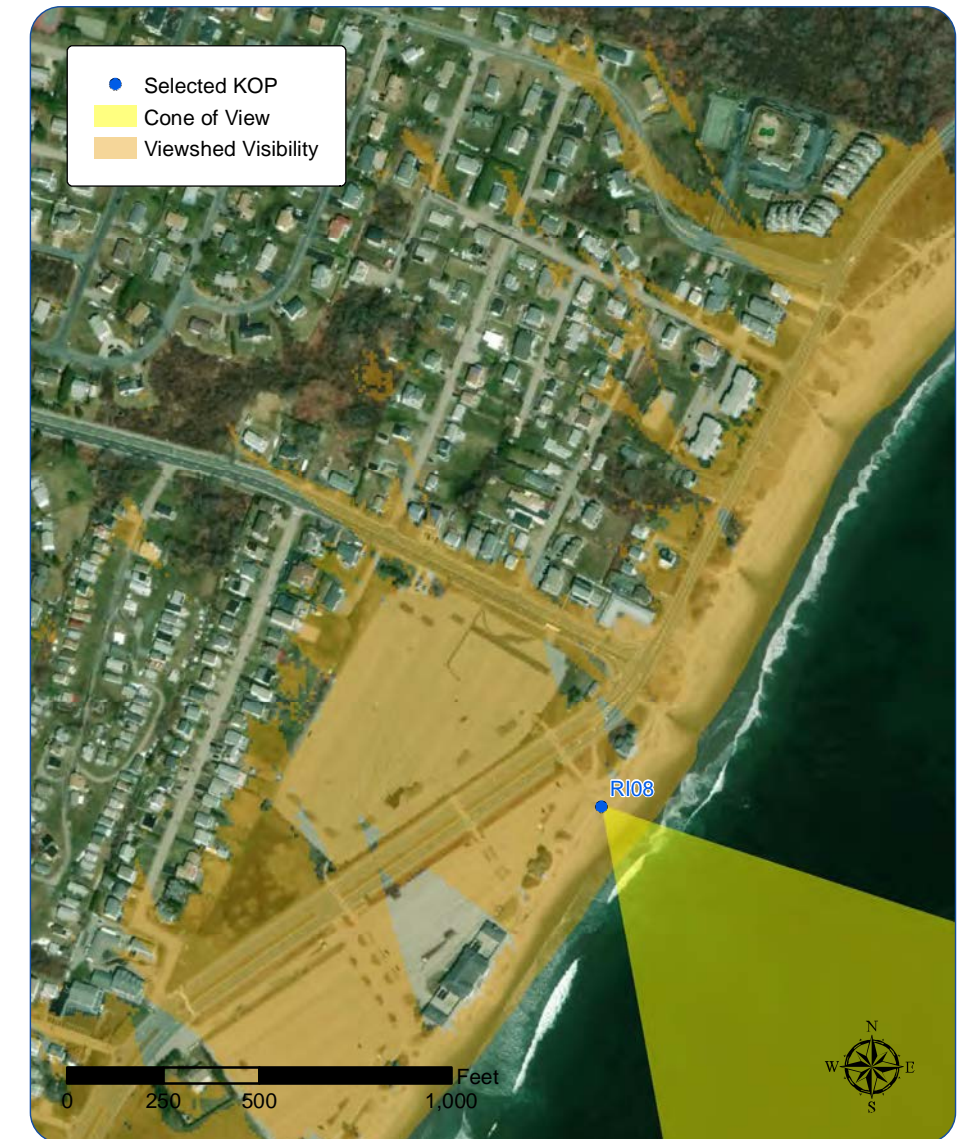
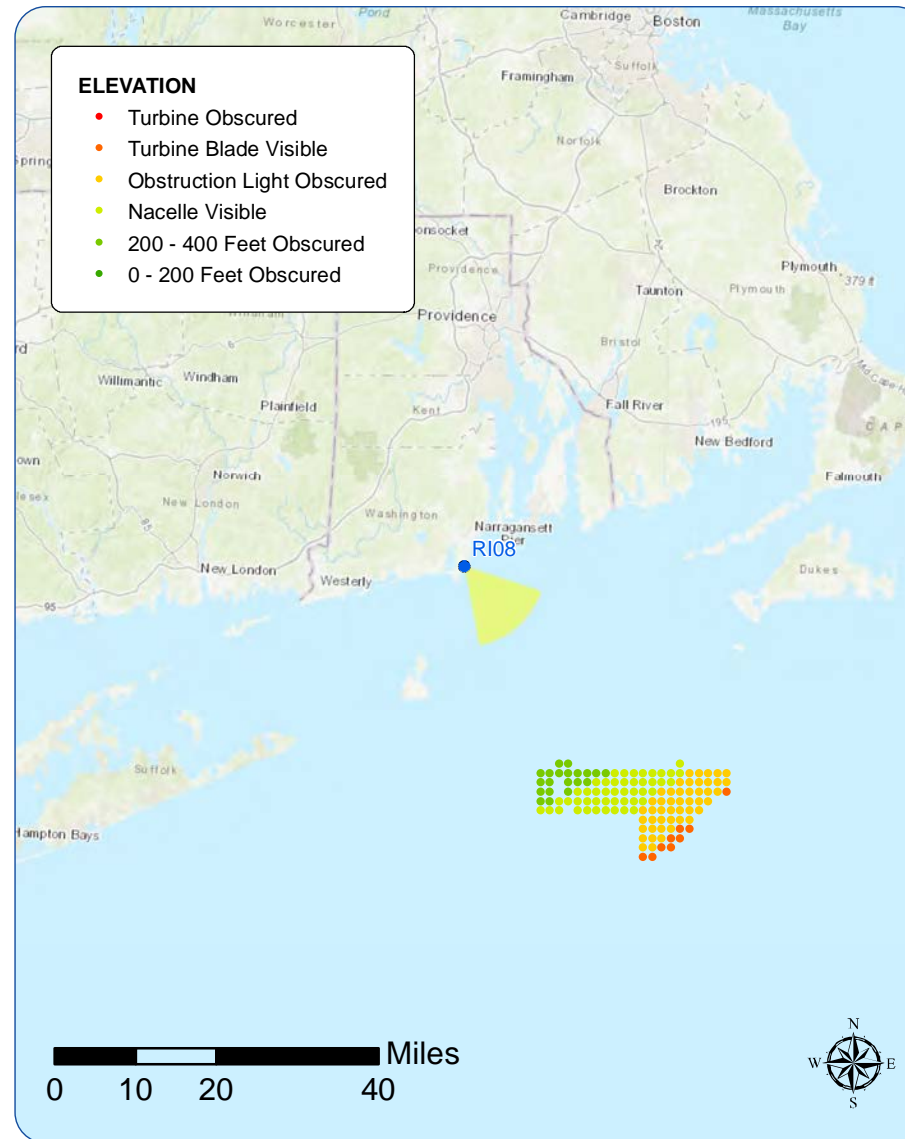
#### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Great Thicket National Wildlife Refuge, Scarborough State Beach, Publicly Accessible RI DEM Parks & Recreation Land

#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 14.8 feet AMSL

Notes: The Block Island Wind Farm is 18.4 miles from this location. Visibility was documented during field review.



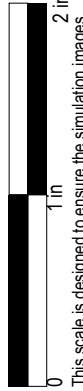


# Existing Conditions





Photosimulation



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# Existing Conditions





Photosimulation





## Narragansett Beach

### Viewpoint Information

County: Washington  
 Town: Narragansett  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.43861° N, 71.44980° W  
 Direction of View: Southeast to South-Southeast (146.0°)  
 Distance to Nearest Visible Turbine: 29.7 miles

### Environmental Data

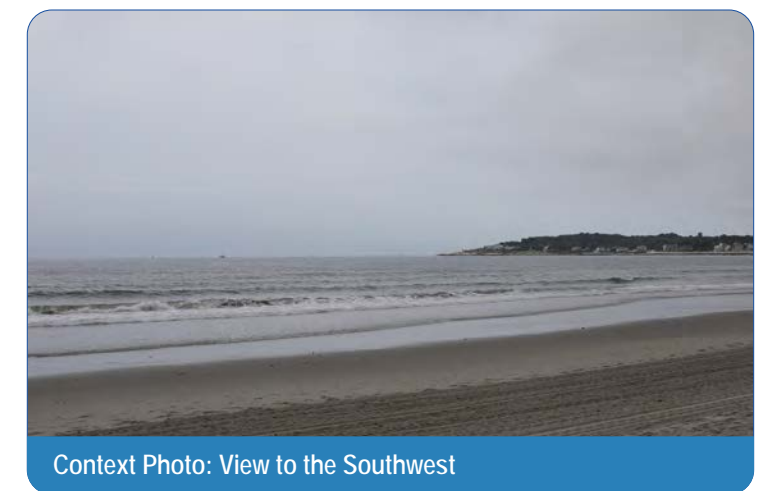
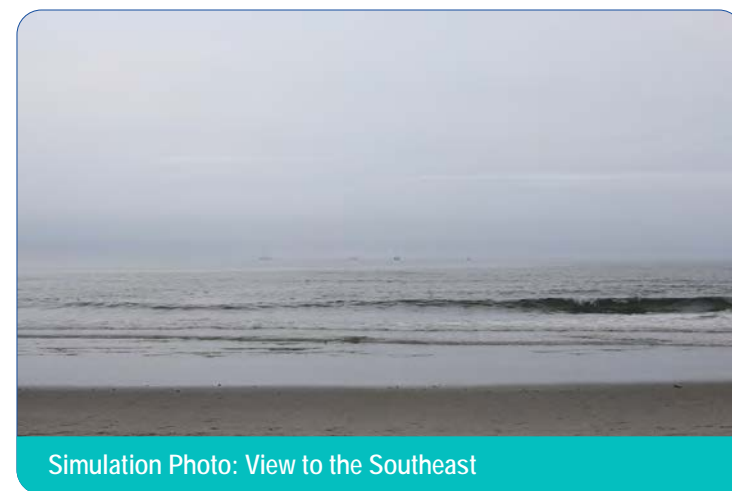
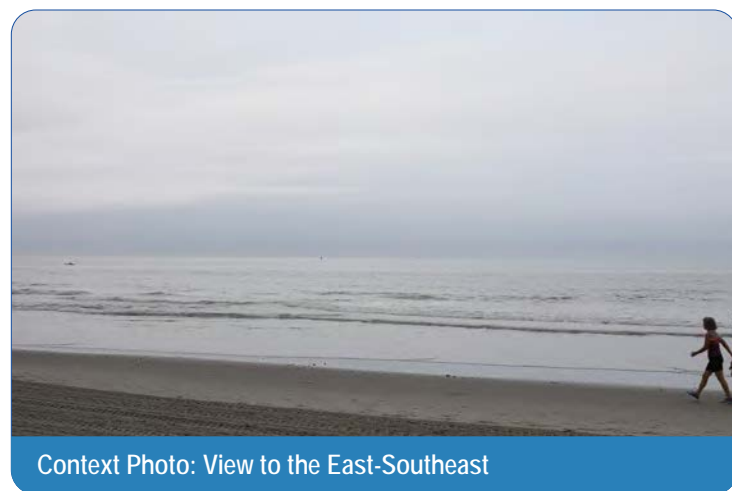
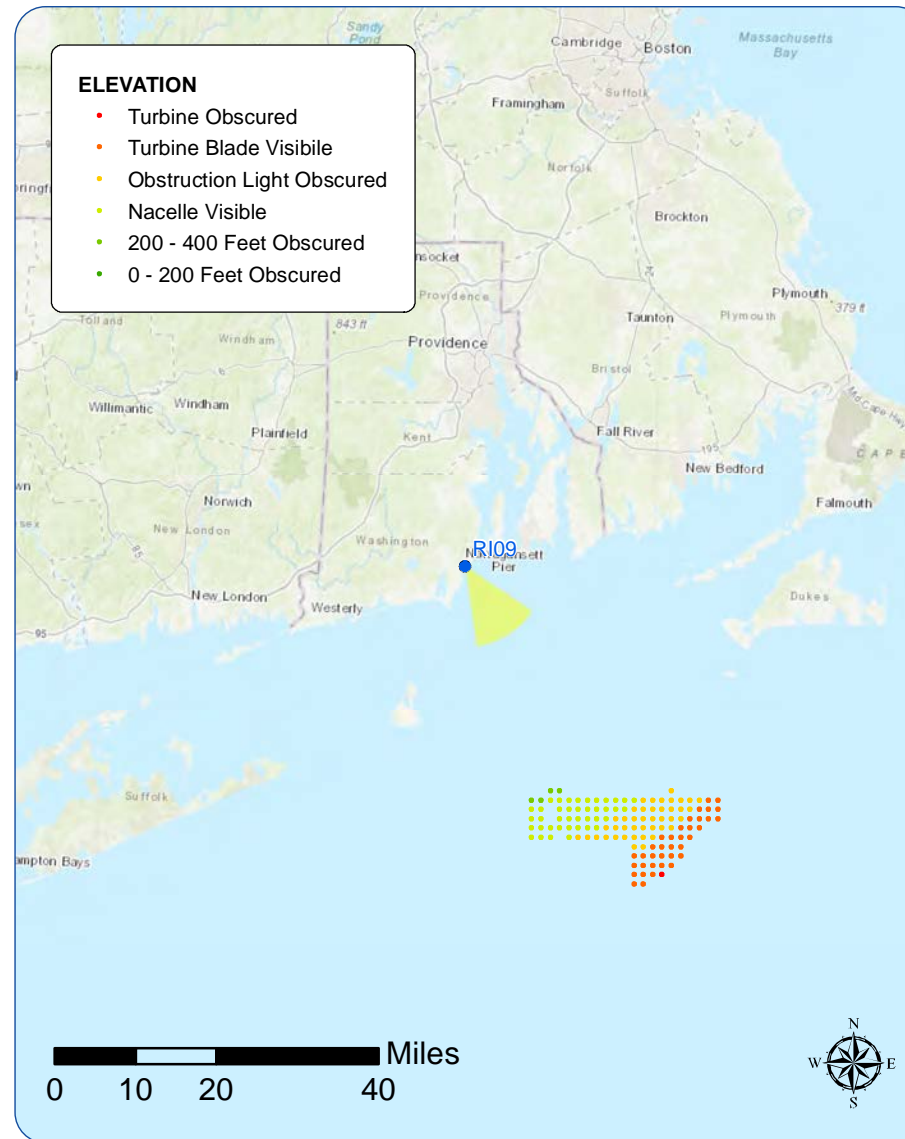
Date Illustrated: 8/3/2017  
 Time: 8:19 AM  
 Temperature: 71.1 °F  
 Humidity: 96%  
 Visibility: >10 miles  
 Wind Direction: Calm  
 Wind Speed: Calm  
 Conditions Observed: Overcast

### Visual Resources

Landscape Similarity Zone: Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Great Thicket National Wildlife Refuge, Narragansett Town Beach, Pettaquamscutt Cove/Narrow River State Scenic Area

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 10.5 feet AMSL



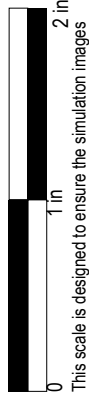


Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint R109: View from Narragansett Beach, Narragansett  
Source: COP Appendix Q1, Appendix C: Sheet 169 of 178



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Sunrise  
Wind

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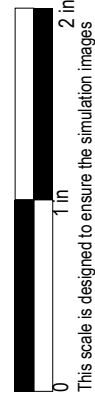


Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint R109: View from Narragansett Beach, Narragansett  
Source: COP Appendix Q1, Appendix C: Sheet 170 of 178



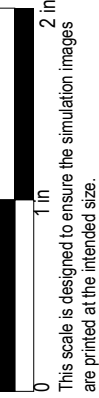
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**Sunrise**  
**Wind**

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Existing Conditions



This scale is designed to ensure the simulation images are printed at the intended size.



Photosimulation

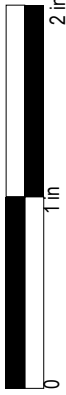


**Sunrise Wind Farm Project**

**Outer Continental Shelf**

Viewpoint R109: View from Narragansett Beach, Narragansett

Source: COP Appendix Q1, Appendix C: Sheet 172 of 178



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**Sunrise  
Wind**

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### Matunuck Beach

#### Viewpoint Information

County: Washington  
 Town: South Kingstown  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.37446° N, 71.54615° W  
 Direction of View: Southeast (137.7°)  
 Distance to Nearest Visible Turbine: 28.0 miles

#### Environmental Data

Date Illustrated: 07/14/2020  
 Time: 6:13 PM  
 Temperature: 80 °F  
 Humidity: 54%  
 Visibility: >10 miles  
 Wind Direction: South-Southeast  
 Wind Speed: 5 mph  
 Conditions Observed: Fair

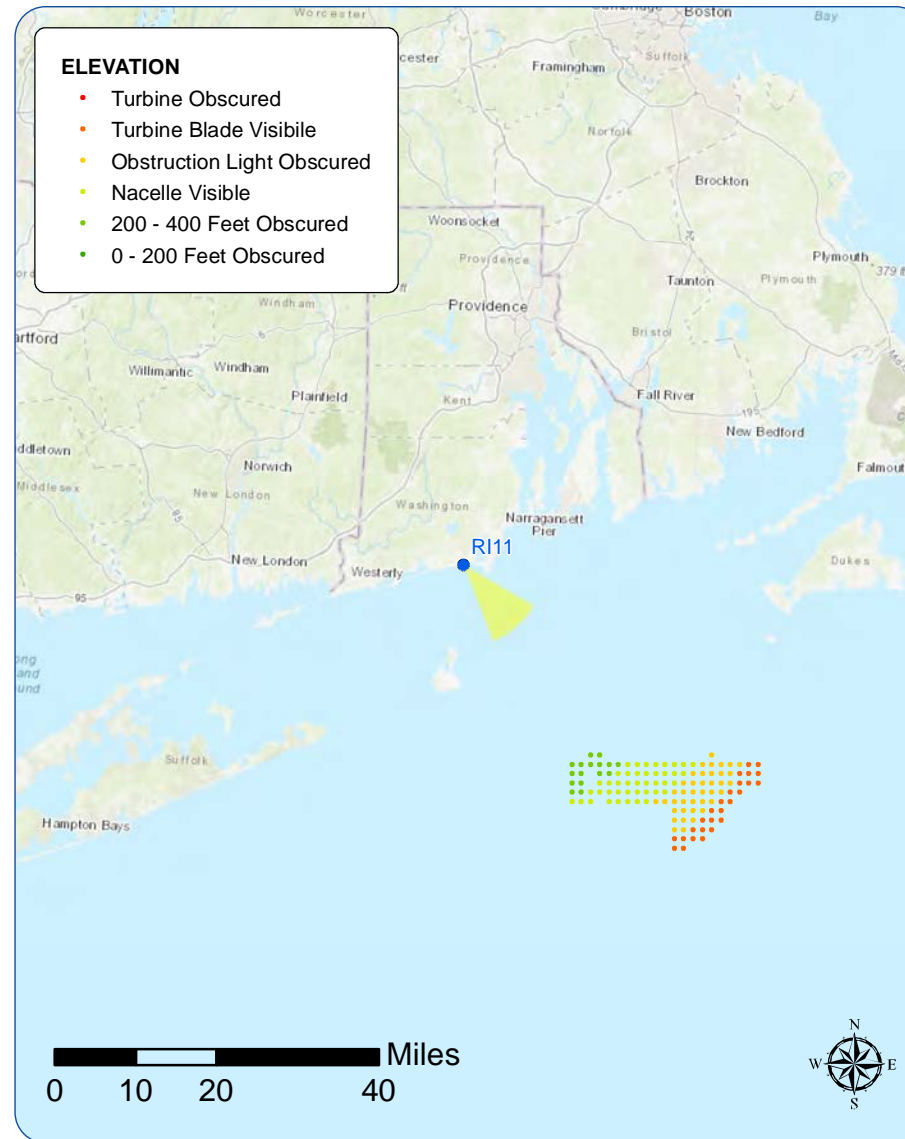
#### Visual Resources

Landscape Similarity Zone: Developed Waterfront, Shoreline Beach  
 User Group: Local Residents, Tourists/Vacationers  
 Aesthetic Resource: Great Thicket National Wildlife Refuge, South Kingstown Town Beach

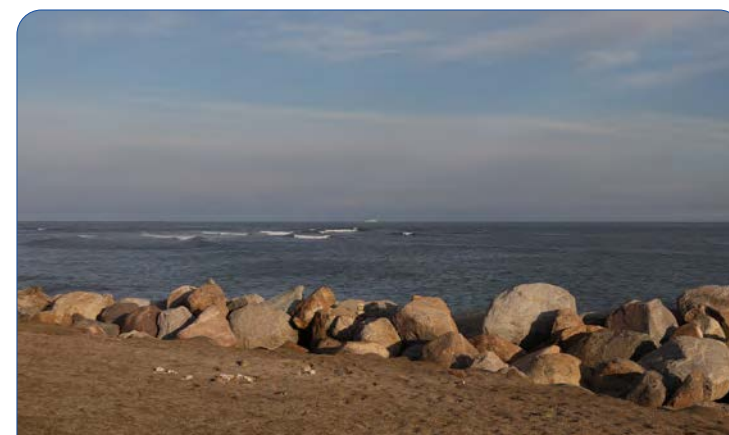
#### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 18.1 feet AMSL

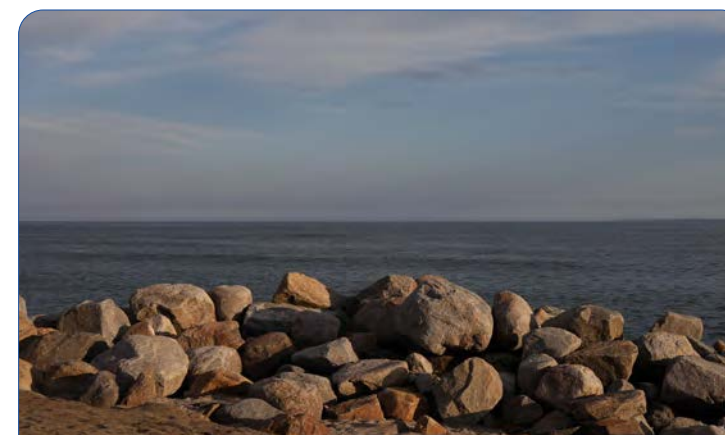
Notes: The Block Island Wind Farm is 17.3 miles from this location. Visibility was documented during field review.



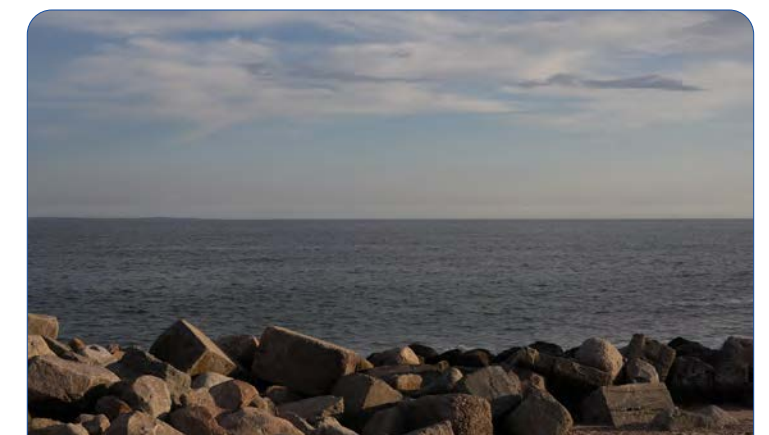
Context Photo: View to the East



Simulation Photo: View to the Southeast



Simulation Photo: View to the South



Context Photo: View to the Southwest

#### Sunrise Wind Farm Project

#### Outer Continental Shelf

Viewpoint R111: View from Matunuck Beach, South Kingstown

Source: COP Appendix Q1, Appendix C: Sheet 173 of 178



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# Existing Conditions



Sunrise Wind Farm Project  
Outer Continental Shelf

Viewpoint R111: View from Matanuck Beach, South Kingstown  
Source: COP Appendix Q1, Appendix C: Sheet 174 of 178



Sunrise  
Wind

Powered by  
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Eversource



# Photosimulation



**Sunrise Wind Farm Project**  
**Outer Continental Shelf**

Viewpoint R111: View from Matanuck Beach, South Kingstown  
Source: COP Appendix Q1, Appendix C: Sheet 175 of 178



**Sunrise**  
**Wind**

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## Ninigret National Wildlife Refuge

### Viewpoint Information

County: Washington  
 Town: Charlestown  
 State: Rhode Island  
 Location: Mainland, RI  
 Coordinates: 41.36045° N, 71.65442° W  
 Direction of View: Southeast (125.1°)  
 Distance to Nearest Visible Turbine: 30.5 miles

### Environmental Data

Date Illustrated: 7/15/2020  
 Time: 8:45 AM  
 Temperature: 64 °F  
 Humidity: 90%  
 Visibility: >10 miles  
 Wind Direction: East-Northeast  
 Wind Speed: 9 mph  
 Conditions Observed: Cloudy

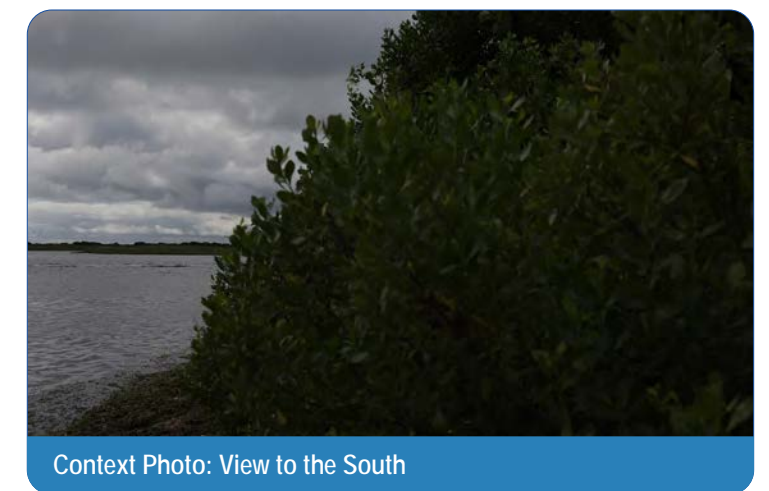
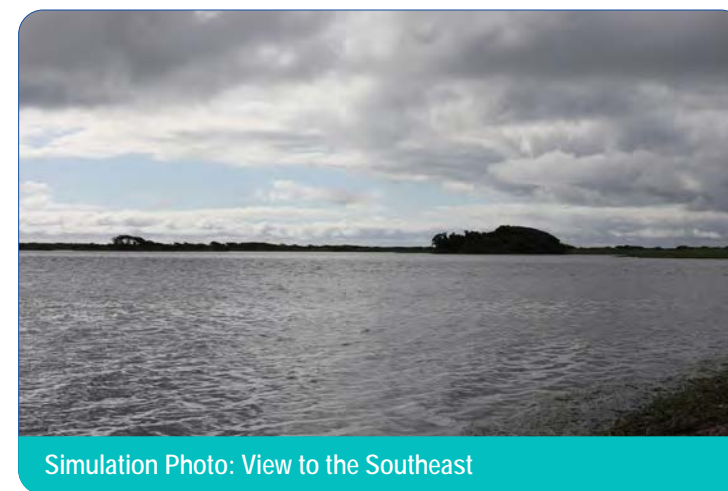
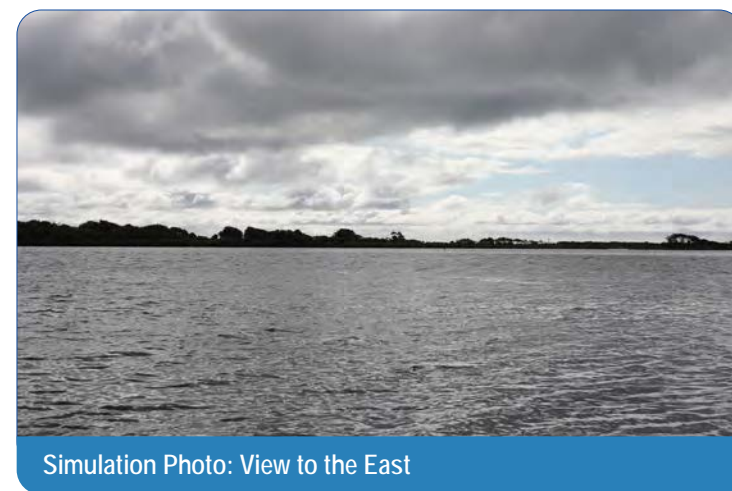
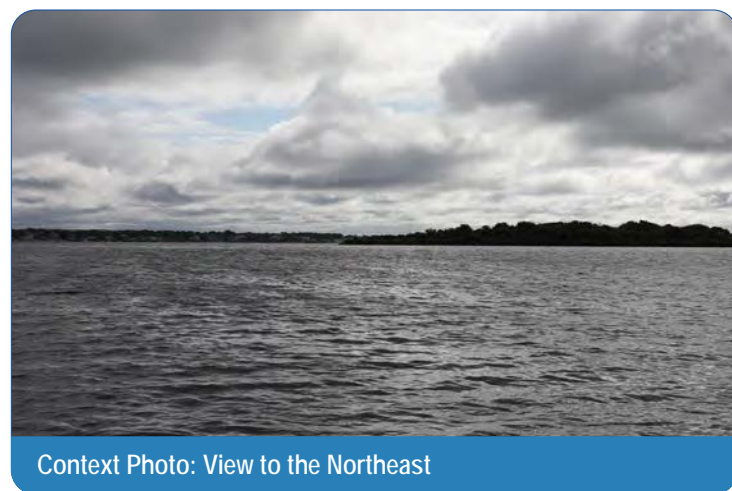
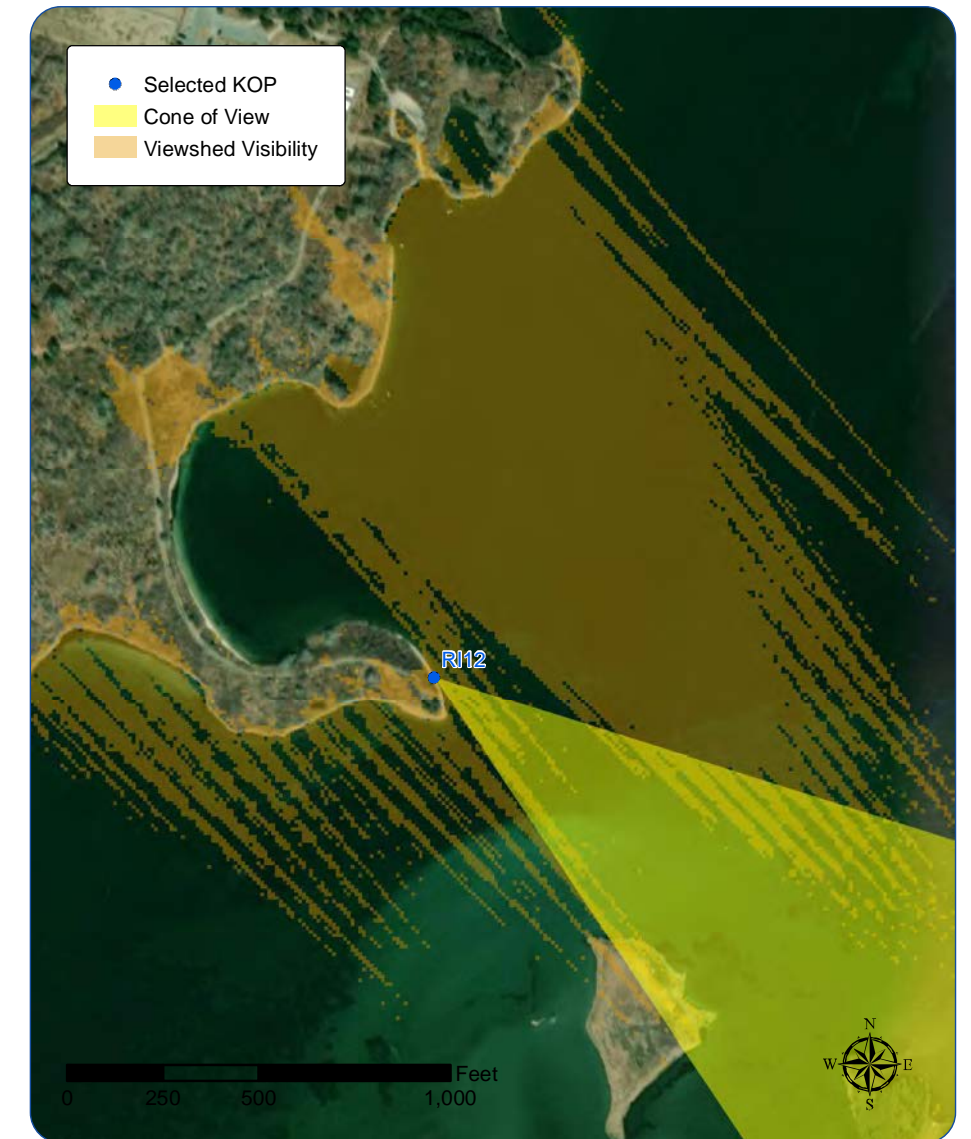
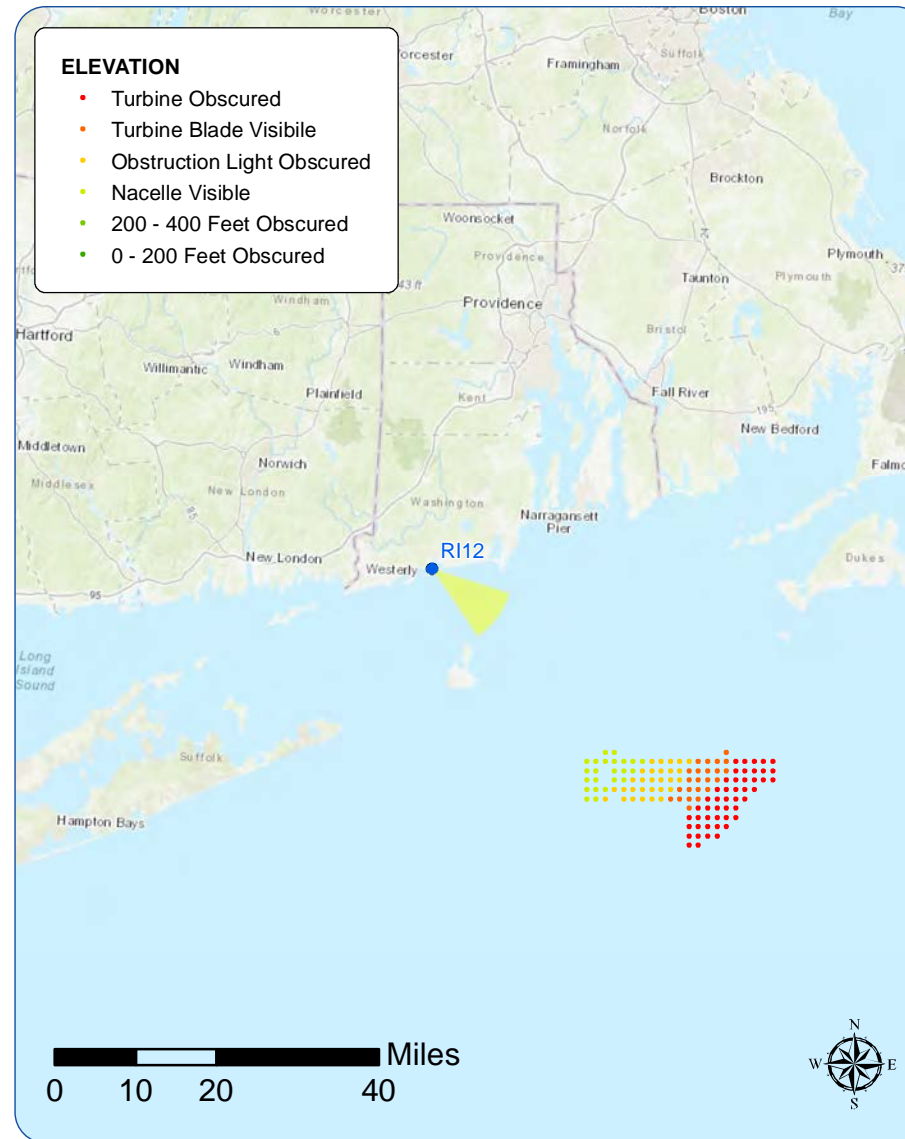
### Visual Resources

Landscape Similarity Zone: Coastal Scrub/Shrub Forest  
 User Group: Local Residents, Tourists/Vacationers, Fishing Community  
 Aesthetic Resource: Great Thicket National Wildlife Refuge, Ninigret National Wildlife Refuge, State Owned Parks & Recreation Land, Quonochontaug And Ninigret Ponds

### Camera Information

Camera: Canon EOS 5D Mark IV  
 Resolution: 30.4 Megapixels  
 Lens Focal Length: 50 mm  
 Camera Height: 5.7 feet AMSL

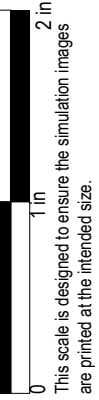
Notes: The Block Island Wind Farm is 17.9 miles from this location. Visibility was documented during field review.



Viewpoint R112: View from Ninigret National Wildlife Refuge, Charlestown  
 Source: COP Appendix Q1 Appendix C: Sheet 176 of 178



# Existing Conditions



This scale is designed to ensure the simulation images are printed at the intended size.



Photosimulation

