SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Environmental Data

Date Taken: 08/25/2022 Time: 4:58 PM Temperature: 84°F Humidity: 53% Visibility*: 10+ miles Wind Direction: South-southeast Wind Speed: 10 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 40.18 feet AMSL

Key Observation Point Information

County: Cape May Town: Ocean City State: New Jersey Location: Townsend's Inlet Bridge Latitude, Longitude: 39.11919°N, 74.71576°W Direction of View (Center): East-northeast (73.4°) Field of View: 124° x 55°

Visual Resources Character Area: Open Water/Ocean, Undeveloped Bay, Seascape (SCA) User Group: Residents/Tourists Visually Sensitive Resource: Sea Isle City Beach Dune Upland, Townsend Inlet Bridge (SI&A #3100003)



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		Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP**	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Scenario S	Scenario 2	Atlantic Shores Offshore Wind South (OCS-A 0499)	2025-2027	1,047	200	205	27.4	43.6
		Ocean Wind (OCS-A 0498)	2023-2025	906	111	111	18.5	32.6
	Scenario 1	Empire Wind (OCS-A 0512)	2024-2025	951	0	72	Not Visible	Not Visible
		Empire Wind II (OCS-A 0512)	2023-2027	951	0	104	Not Visible	Not Visible
		Skipjack (OCS-A 0519)	2024-2030	853	1	33	35.3	42.2
		Garden State (OCS-A 0482)	2023-2030	853	62	80	26.6	35.7
		US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
FI0 4	Scenario 3	Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
ocenario 4		Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
		Mid-Atlantic Offshore Wind (OCS-A 0544)	by 2030	853	0	104	Not Visible	Not Visible
		Ocean Wind East (OCS-A 0537)	by 2030	853	0	82	Not Visible	Not Visible
		Attentive Energy (OCS-A 0538)	by 2030	853	0	101	Not Visible	Not Visible
		Bight Wind Holdings (OCS-A 0539)	by 2030	853	0	148	Not Visible	Not Visible
		Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	0	95	Not Visible	Not Visible
		Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	0	99	Not Visible	Not Visible
otes								

- e Substation location and dimensions are based or considered in this photosimulation are subject to potential modification. *Historical meteorological data predicts visibility within a limit of 10 statute miles. However, visibility may extend be
- nulations are based on a refraction value of 7/6 or an app
- sy Observation Point Context map considers screening by curvature of the earth, viewer height, and turbine height. Landscape scr ed on the map may not match the table due to the presence of landscape screening features.

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

ATLANTIC SHORES

🥣 offshore wind

Reasonably Foreseeable Projects Represented in Photosimulation

bility) that the viewshed analysis results which use a refraction coefficient of 0.13. termined by human verified computer generated counts performed in the 3D ca her of WTGs visible in the respective views due to masking completed during pc Jumped on Wick value on the extual number of WIGs visible in the respective views due to masking completed during post processing window reading processing processing processing window reading processing p





SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Existing Conditions (Panorama 1)

Simulation Size (df' in width by 2011' in height langues black and the versets from a datace of it incluse in order to obtain the proper parquecture. who proved proview Notes: • Photosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 1): Scenario 1: 2023-2025 Project Construction (Ocean Wind, Empire Wind, Empire Wind II)

Simulation Size: 66' in width by 29.3' in height. Image this locarboald be viewed from a distance of 18 inches on the priorid in order to obtain the proper perspective. percenta

- Notes:
 Phontosimulation Size: 66° in width by 29.3° in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
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 WTG positions in the photosimulations are based on a refraction value of 7/6 or an approximate 0.14 coefficient derived from observations of the constructed Block Island WInd Farm. This refraction coefficient may yield more conservative visibility results (i.e. greater turbine visibility) that the viewshed analysis tesults with use a refraction coefficient of 013.
 WTG tower. Blades, and nacelle use the 60EM and FAA required color RAL 9010. The base and platform user RAL 1023 in accordance with USCG regulations.
 The number of WTGs visible from the K2O was determined by human verified computer generated counts performed in the 3D carrier views considering screening screening sculling from vegetation, structures, curvature of the earth and refraction. This is that appear in the photosimulations assume a random rotation pattern. Considering the largeburnity for inte cardual policy in the Carount for up to 236 cft. (2 m) in lost maximum height depending on the rotation position.
 The conset of view indicated on the KQ Observation Point Context map indicates the horizontal extent of view indicates appear in the rotation position.
 The cose of view indicates the extent of WTG visibility.
 The rotation of the curvation to set distant project components. Similarly to human vision, very distant turbines may appear biury or difficult to decipher due to erosolution linstitators.

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	18.5	32.6
Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 1): Scenario 2: Atlantic Shores Construction (2025-2027) added to Scenario 1 (Ocean Wind, Empire Wind, Empire Wind II, Atlantic Shores South)



- Notes:
 Phontosimulation Size: 66° in width by 29.3° in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
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Atlantic Shores Offshore Wind South (OCS-A 0499)	2023-2025	1,047	200	205	27.4	43.6
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Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 1): Scenario 3: 2024-2030 Project construction added after the construction of Atlantic Shores South (Full Lease Build-out Including Atlantic Shores South)

Simulation Size: 66° in width by 29.3° in height. Images brackhold be viewed from a distance of 18 inches on the preted in order to obtain the proper perspective. performa

Notes:
Photosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
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WTG positions in the photosimulations are based on a refraction coefficient darved from observations of the constructed Block Island WInd Farm. This refraction coefficient darved from observations of the constructed Block Island WInd Farm. This refraction coefficient darved from observations of the constructed Block Island WInd Farm. This refraction coefficient darved from observations of the constructed Block Island WInd Farm. This refraction coefficient darved from observations of the constructed Block Island WING Farm. This results with USC are guided in the IN-IP was deting screenping which may include people, was the two of the screen that of farm observations for count may vary from the studie Inmedia of WTG counts assumed the WTG blacks are in the upright position whereas the photosimulation sasume a random rotation pattern. Considering the larger VTG in the comulative array this could account for up to 236 th, (22 m) in lost maximum height depending on the rotation position.
The resolution of the count bar vary from resolution floates the horizontal extent of wise indicated on the KQO Poservation Point Context may indicates the horizontal extent of the neet hand on the kQO Poservation Point Context may indicates the horizontal extent of the need hand the depending on the rotation position.
The conclustor of the cumulative photosimulations sasumed and the documents with the need for high resol

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
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Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible
Skipjack (OCS-A 0519)	2024-2030	853	1	33	35.3	42.2
Garden State (OCS-A 0482)	2023-2030	853	62	80	26.6	35.7
US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
Mid-Atlantic Offshore Wind (OCS-A 0544)	by 2030	853	0	104	Not Visible	Not Visible
Ocean Wind East (OCS-A 0537)	by 2030	853	0	82	Not Visible	Not Visible
Attentive Energy (OCS-A 0538)	by 2030	853	0	101	Not Visible	Not Visible
Bight Wind Holdings (OCS-A 0539)	by 2030	853	0	148	Not Visible	Not Visible
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	0	95	Not Visible	Not Visible
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	0	99	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 1): Scenario 4: Full buildout of all lease areas without Atlantic Shores South

Simulation Size: 66° in width by 29.3° in height. Images that doubt the viewed from a distance of 18 inches on the prevent in order to obtain the proper perspective. percentra

- Notes:
 Phontosimulation Size: 66° in width by 29.3° in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
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Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	18.5	32.6
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Skipjack (OCS-A 0519)	2024-2030	853	1	33	35.3	42.2
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US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
Mid-Atlantic Offshore Wind (OCS-A 0544)	by 2030	853	0	104	Not Visible	Not Visible
Ocean Wind East (OCS-A 0537)	by 2030	853	0	82	Not Visible	Not Visible
Attentive Energy (OCS-A 0538)	by 2030	853	0	101	Not Visible	Not Visible
Bight Wind Holdings (OCS-A 0539)	by 2030	853	0	148	Not Visible	Not Visible
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	0	95	Not Visible	Not Visible
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	0	99	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 1): Scenario 5: Atlantic Shores South without the construction of other foreseeable planned activities



Notes:
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The code view indicates the extent of WTG visibility.
The rotation of the curvation Point Context map indicates the horizontal extent of view indicates and the sclub to visibility or disclub to bace account for up to 236 tr. (27 m) in lost maximum height

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Atlantic Shores Offshore Wind South (OCS-A 0499)	2023-2025	1,047	200	205	27.4	43.6

Key Observation Point Context Turbine Gene Visible Not Visible one Substatio Visible Not Visible



SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Environmental Data

Date Taken: 08/25/2022 Time: 4:58 PM Temperature: 84°F Humidity: 53% Visibility*: 10+ miles Wind Direction: South-southeast Wind Speed: 10 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 40.18 feet AMSL

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Visual Resources Character Area: Open Water/Ocean, Undeveloped Bay, Seascape (SCA) User Group: Residents/Tourists Visually Sensitive Resource: Sea Isle City Beach Dune Upland, Townsend Inlet Bridge (SI&A #3100003)





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Scenario 5	Scenario 2	Atlantic Shores Offshore Wind South (OCS-A 0499)	2025-2027	1,047	200	205	27.4	43.6
		Ocean Wind (OCS-A 0498)	2023-2025	906	111	111	18.5	32.6
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rio 4	Scenario 3	Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
Scenario 4		Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
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Substation location and dime

- onsidered in this photosimulation are subject to pote *Historical meteorological data predicts visibility within a limit of 10 statute miles. However, visibility may extend beyond this d
- WTG positions in the photosimulations are based on a refraction value of 7/6 or an appr ative visibility results (i.e. greater turbine visibility imber of WTGs visible from the KOP was detern

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

ATLANTIC SHORES

🥽 offshore wind

Reasonably Foreseeable Projects Represented in Photosimulation

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SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Existing Conditions (Panorama 2)

Simulation Size 66° in width by 29.3° in height. Images that the week from a distance of 18 inches the weak 1° Tong on the prime in order to obtain the proper perspective.

Notes: • Photosimulation Size: 66° in width by 29.3° in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 2): Scenario 1: 2023-2025 Project Construction (Ocean Wind, Empire Wind, Empire Wind II)

Simulation Size: 66' in width by 29.3' in height. Image this locarboald be viewed from a distance of 18 inches on the priorid in order to obtain the proper perspective. percenta

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Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 2): Scenario 2: Atlantic Shores Construction (2025-2027) added to Scenario 1 (Ocean Wind, Empire Wind, Empire Wind II, Atlantic Shores South)



- Notes:
 Photosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
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 The mediation of the combustion scalares creening by curvature of the advariant scalares and the photosimulations and the scalares are not to use a scalare the photosimulation scalares.
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Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Atlantic Shores Offshore Wind South (OCS-A 0499)	2023-2025	1,047	200	205	27.4	43.6
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	18.5	32.6
Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible

Key Observation Point Context







SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 2): Scenario 3: 2024-2030 Project construction added after the construction of Atlantic Shores South (Full Lease Build-out Including Atlantic Shores South)

Simulation Size: 66° in width by 29.3° in height. Images brackhold be viewed from a distance of 18 inches on the preted in order to obtain the proper perspective. performa

- Notes:
 Photosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
 Offshore Substation location and dimensions are based on preliminary publicly available project data. Projects for which this data is not currently available, WTGs are used for all foundation positions. OS5 positions and dimensions considered in this photosimulation are subject to potential modification.
 WTG positions in the photosimulations are based on a refraction roleful device the data of the constructed Block Island WInd Farm. This refraction order exactly one the constructed Block Island WInd Farm. This refraction conflictent drived from observations of the constructed Block Island WInd Farm. This refraction conflictent of 11.2 US in accordance with USC regulations.
 "The number of WTGs visible from the KOP was determined by human verified computer generated ourse performed in the 3D camera views considering screening resulting from vegetation, structures, curvature of the earth and refraction. This count may vary from the actual number of WTGs visible in the respective views due to maximg completed during post processing which may include people, waves, boast, or other minior obstructions that appear in the photosimulations assume a random rotation pattern. Considering the larges which BGC arong postions.
 The resolution of the curulnative photosimal haditive array. It is could accound from the 10-20 structures, the resolution of the inductable people, waves, boast, or other minior obstructions that appear in the photosimy alkidonnally, the WTG courts assumed the WTG blades are in the uprofit position whereas the photosimy alkidonnally. The VTG courts assumed the WTG blades are in the uprofit position whereas the photosimy alkidon and the view of a durin and infracting the prevation Point Coure

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Atlantic Shores Offshore Wind South (OCS-A 0499)	2023-2025	1,047	200	205	27.4	43.6
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	18.5	32.6
Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible
Skipjack (OCS-A 0519)	2024-2030	853	1	33	35.3	42.2
Garden State (OCS-A 0482)	2023-2030	853	62	80	26.6	35.7
US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
Mid-Atlantic Offshore Wind (OCS-A 0544)	by 2030	853	0	104	Not Visible	Not Visible
Ocean Wind East (OCS-A 0537)	by 2030	853	0	82	Not Visible	Not Visible
Attentive Energy (OCS-A 0538)	by 2030	853	0	101	Not Visible	Not Visible
Bight Wind Holdings (OCS-A 0539)	by 2030	853	0	148	Not Visible	Not Visible
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	0	95	Not Visible	Not Visible
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	0	99	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 2): Scenario 4: Full buildout of all lease areas without Atlantic Shores South

Simulation Size: 66° in width by 29.3° in height. Images that doubt the viewed from a distance of 18 inches on the prevent in order to obtain the proper perspective. percentra

- Notes:
 Photosimulation Size: 66° in width by 29.3° in height. Images should be viewed from 18 inches in order to exactly one inch when measured on the streem.
 Offshore Substation location and dimensions are based on preliminary publicly available project data Projects for which this data is not currently available. WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.
 WTG positions in the photosimulations are based on a preliminary publicly available project data Projects for which this data is not currently available. WTGs are used for all foundation positions. OSS positions in the photosimulations are based on a reflaction value of 1/6 or an approximate 0.14 coefficient derived from observations of the constructed Block Island Wind farm. This reflaction coefficient may yield more conservative wibility results (e.g. greater turbine visibility that the viewshed analysis results which use a reflaction coefficient of 0.18.
 WTG tower, blades, and nacelle use the BOEM and FAA required color RAL 9010. The base and platform use RAL 1023 in accordance with USCG regulations.
 "The number of WTGs visible from the KOP was determined by human verified computer generated counts performed in the 3D camera views country from the actual number of WTGs visible into met KOP was determined by human verified computer generated, waves, boats, or other minor obstructions that appear in the photosimulations assume a random rotation pattern. Considering the largest WTG in the cumulative array, this could account for up to 236 ft. (72 m) in lost maximum height depending on the rotation position.
 The residue of weiw indicated on the Key Observation Point Context map indicates the horizontal extent of weiw only and does not indicate the extent of WTG visibility.
 The residue of weiw indicated on the Key Observation Point Context map indicates the horizontal extent of weiw only

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Total Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	Theoretical Distance to Furthest Visible WTG (miles)
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	18.5	32.6
Empire Wind (OCS-A 0512)	2023-2027	951	0	72	Not Visible	Not Visible
Empire Wind II (OCS-A 0512)	2025-2027	951	0	104	Not Visible	Not Visible
Skipjack (OCS-A 0519)	2024-2030	853	1	33	35.3	42.2
Garden State (OCS-A 0482)	2023-2030	853	62	80	26.6	35.7
US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	134	164	37.6	51.1
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	12.1	26.0
Mid-Atlantic Offshore Wind (OCS-A 0544)	by 2030	853	0	104	Not Visible	Not Visible
Ocean Wind East (OCS-A 0537)	by 2030	853	0	82	Not Visible	Not Visible
Attentive Energy (OCS-A 0538)	by 2030	853	0	101	Not Visible	Not Visible
Bight Wind Holdings (OCS-A 0539)	by 2030	853	0	148	Not Visible	Not Visible
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	0	95	Not Visible	Not Visible
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	0	99	Not Visible	Not Visible

Key Observation Point Context









SIC02: Townsend's Inlet Bridge, Sea Isle City, Cape May County, New Jersey

Photosimulation (Panorama 2): Scenario 5: Atlantic Shores South without the construction of other foreseeable planned activities

Simulation Size: 66' in width by 29.3' in height. Image this locarboald be viewed from a distance of 18 inches on the prirate in order to obtain the prospective. percenta

Notes:
Photosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order to obtain the proper perspective. For on-screen viewing, user should zoom in until the 1-inch scale equals exactly one inch when measured on the screen.
Offstore Substation location and dimensions are based on preliminary publicly available project data projects for which this data is not currently available. WTGs are used for all foundation positions. OSS positions and dimensions considered in this photosimulation are subject to potential modification.
WTG positions in the photosimulations are based on a refraction value d7 /6 or an approximate 0.4 officient derived from observations of the constructed Block listend Wind Farm. This refraction coefficient may yield more conservative wisbility results (i.e. greater turbine visibility) that the viewshed analysis results which use a refraction coefficient forwey flow and effection coefficient of evice Misble from the KOP was determined by human verified computer generated counts performed in the 3D camera views considering or scenary are vary from the actual number of WTGs visible in the uproject state and refraction. This count may vary from the actual number of wTGs visible in the uproject state and refraction. This count may vary if so that space in the photosimulations assume a random rotation patern. Considering the largest WTG in the cumulative array, the WTG counts assumed the WTG Dades are in the upright position whereas the photosimulations assume a trandom rotation patern. Considering the largest WTG in the cumulative array, this could account for up to 236 fr. (72 m) in lost maximum height depending on the rotation position.
The methods on the dave down the docarbot consects the size and usability of the documents with the need for high resolution to see distant project consects screening by curvature of the earth neight, and the profest of the view thate on the case of conspects on photosimal to nots

Development (feet) OSS visible WTG visible with visible	to Furthest Visible WTG (miles)
Atlantic Shores Offshore 2023-2025 1,047 200 205 27.4	43.6

Key Observation Point Context Turbine Gene Visible Not Visible ore Substation Visible Not Visible

