AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

Environmental Data

Date Taken: 08/25/2022 Time: 10:43 AM Temperature: 88°F Humidity: 34% Visibility*: 10+ miles Wind Direction: Northwest Wind Speed: 13 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 117.26 feet AMSL

Key Observation Point Information County: Atlantic Town: Atlantic City State: New Jersey Location: Ocean Casino Resort - Sky Deck Latitude, Longitude: 39.36225°N, 74.41353°W Direction of View (Center): East (100.9°) Field of View: 124° x 55°

Visual Resources Character Area: Atlantic City, Seascape (SCA) User Group: Local Resident/Tourist Visually Sensitive Resource: Atlantic City Beach



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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 2	Atlantic Shores Offshore Wind South (OCS-A 0499)	2025-2027	1,047	205	205	10.5	25.6
		Ocean Wind (OCS-A 0498)	2023-2025	906	111	111	13.9	24.6
	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	0	33	Not Visible	Not Visible
		Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
		US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Scenario 3		Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	164	164	16.2	33.2
Scen		Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
		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	11	148	50.3	53.0
		Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
		Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0

- sidered in this photosimulation are subject to po *Historical meteorological data predicts visibility within a limit of 10 statute miles. However, visibility may
- ulations are based on a refraction value of 7/6 or an app

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

ATLANTIC SHORES

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Reasonably Foreseeable Projects Represented in Photosimulation

Traction value of the second s the respective ... are in the upright position w tion. Inis count may vary from the actual number of W1Gs visible in the respective views due to masking completed during post processing which may include people, waves, boats, or other minor obstructions that app holograph. Additionally, the WTG counts assumed rate of the WTG blacks are in the upright position whereas the photosimulations assume a random rotation pattern. Considering the largest WTG in the cumulative array this of nor of view indicated on the Key Observation Position context may indicates the holograph. Additional synthew TG visibility. ey Observation Point Context map considers screening by curvature of the earth, viewer height, and turbine height. Landscape screening features are not considered. Therefore, in this view, the number of visible turbine ted on the map may not match the table due to the presence of landscape screening features.





AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

Existing Conditions (Panorama 1)

Simulation Size 66° in width by 29.3° in height. Images that the twend from a distance of 18 inches the wavely? 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.





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AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

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



- Notest
 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, WIGs are used for all foundation positions. OS positions and dimensions considered in this photosimulations are subject to potential modification.
 Offstore Substation location and dimensions curvently available, WIGs are used for all foundation positions. OS officient dravel from observations of the constructed Block Island WIM Farm. This relation is a subject to potential modification.
 Offstore substation location are target on coefficient of 0.13.
 Offstore substation location with USC equalisations. The number of WIG's visible from the KOP was determined by luman verified computer generated ormuties of WIGs visible from the KOP was determined by luman verified computer generated ormuter of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormuter of the carth and effection. This count may vary from the acual number of WIG's could account for Vary from the acual induces the NG's count saymed the WIG blacks are in the upright position whereas the photosimulations assume a random from the simulation obtancicos that appear in the photosimulations for MIG's visible from the exet of WIG in the cumulative arrow this could account for up to 236 to (12 min) has maximum height depending on the rotation position.
 The resolution of the cumulations balances

Project	Year of Development	Max Blade Tip Height (feet)	Otential Number of WTGs & OSSs Visible from KOP*	Number of WTGs & OSSs in Project	Theoretical Distance to Nearest Visible WTG (miles)	to Furthest Visible WTG (miles)
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	13.9	24.6
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









AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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)



- Shotosimulation Size: 66' in width by 29.3' in height. Images should be viewed from 18 inches in order orgale seachy one inch when measured on the screen viewing, user should zoom in until the 1-inch scale equale seachy 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 position. Offs positions and dimensions considered in this photosimulation are subject to potential modification.
 WTG positions in the photosimulations are based on a refraction value of 7/6 or an approximate of the constructed Block Isad WInd Farm. This refraction coefficient draved from observations of the constructed Block Isad WInd Farm. This refraction coefficient target of the organ current of the constructed Block Isad WING Farm. This refraction coefficient target of the organ current of the constructed Block Isad WING Farm. This refraction coefficient of 01.3.
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 WTG toxing the dates are and needle use the BOEM and FAA required color RAL 9010. The base and platform survey and the extend of the fact that This conting says the photograph. Additionally, the VING counts performed in the 3/2 arms in the that appear in the photograph. Additionally, the VING counts particitum statem. Considering the larges WING in the candidation assume a random rotation cubater. Considering the larges WING in the conduct position.
 We could account for your VIG with Blobes are in the visibility of the documents with the resolution of the cumulations balances the size and usability of the documents with the need for high resolution to see distant project components. Similary to human vision, very distant to the ophotog

Project	Year of Development	Max Blade Tip Height (feet)	Potential Number of WTGs & OSSs Visible from KOP*	Iotal 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	205	205	10.5	25.6
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	13.9	24.6
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











AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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)



- **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.
 Offstore Substation location and dimensions curved the constructed Biock land Winf Farm. This refraction conficient derived from observations of the constructed Biock land Winf Farm. This refraction conficient derived from observations of the constructed Biock land Winf Farm. This refraction conficient and yield more conservative visibility results (i.e. greater turbine visibility) that the viewshed on analysis results which use a refraction configure of 0.13.
 Win tower, blades, and nacelle use of DGN and Ar required color RAL 900. The base and platform the theorem of WTGs visible from the KOV was determined by human verified computer generated curvature of the earth and refraction. This count may vary from the actual number of WTGs visible in the s3D camera views considering screening resulting from vegetation, structures, survature of the earth and refraction. This count may vary from the actual number of WTGs visible in the respective views due to masking completed during post processing which may include people, waves, boats, or other minor obstructions that appear in the photogram, Additionally the WTG counts assumed the WTG blades are in the upright postion whereas the photosimulations assume a random trotation pattern. Considering the largest WTG in the curvature of view indicated on the key Observation Point Context may indicates the horizontal extent of wice indicate the earth of WTG visibility.</l

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	205	205	10.5	25.6
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	13.9	24.6
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	0	33	Not Visible	Not Visible
Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
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	164	164	16.2	33.2
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
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	11	148	50.3	53.0
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0

Key Observation Point Context









AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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

- Notest
 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, WIGs are used for all foundation positions. OS positions and dimensions considered in this photosimulations are subject to potential modification.
 Offstore Substation location and dimensions curvently available, WIGs are used for all foundation positions. OS officient dravel from observations of the constructed Block Island WIM Farm. This relation is a subject to potential modification.
 Offstore substation location are target on coefficient of 0.13.
 Offstore substation location with USC equalisations. The number of WIG's visible from the KOP was determined by luman verified computer generated ormuties of WIGs visible from the KOP was determined by luman verified computer generated ormuter of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormutes of WIGs visible from the KOP was determined by luman verified computer generated ormuter of the carth and effection. This count may vary from the acual number of WIG's could account for Vary from the acual induces the NG's count saymed the WIG blacks are in the upright position whereas the photosimulations assume a random from the simulation obtancicos that appear in the photosimulations for MIG's visible from the exet of WIG in the cumulative arrow this could account for up to 236 to (12 min) has maximum height depending on the rotation position.
 The resolution of the cumulations balances

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	13.9	24.6
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	0	33	Not Visible	Not Visible
Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
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	164	164	16.2	33.2
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
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	11	148	50.3	53.0
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0











AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

Photosimulation (Panorama 1): 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

- Anotosimulation 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 coefficient daval for moders without of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders values of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders values of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders with USG regulations.
 The number of WTGs visible from the KOP was detempting coefficient Gavaly.
 The number of WTGs visible from the KOP was detempting screening requiring from septation, structures, ormatter of WTGs visible in the KOP was detempting screening requiring from septation, structures, ormatter of WTGs visible from the KOP was detempting from the schult MUG counts assumed the WTGs bades are in the upright position whereas the photosimulations assume a random rotation pattern. Considering the largest IVTG in the conductive array this could account for up to 236 tr. (22 m) in lost maximum height depending on the rotation position.
 The resolution of the curvalivations balances the size and usability of the documents with threed for high resolution to see distant project components. Similarly to human wison, very distant turbulem spagers blury or difficult of depending on the rotation position.
 The resolution of the curval and Circle the versition of turbulements of WTG sublish in threed for high resolution to see distant

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	205	205	10.5	25.6





AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

Environmental Data

Date Taken: 08/25/2022 Time: 10:43 AM Temperature: 88°F Humidity: 34% Visibility*: 10+ miles Wind Direction: Northwest Wind Speed: 13 mph Conditions Observed: Fair

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 117.26 feet AMSL

Key Observation Point Information County: Atlantic Town: Atlantic City State: New Jersey Location: Ocean Casino Resort - Sky Deck Latitude, Longitude: 39.36225°N, 74.41353°W Direction of View (Center): East (100.9°) Field of View: 124° x 55°

Visual Resources Character Area: Atlantic City, Seascape (SCA) User Group: Local Resident/Tourist Visually Sensitive Resource: Atlantic City Beach





	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 2	Atlantic Shores Offshore Wind South (OCS-A 0499)	2025-2027	1,047	205	205	10.5	25.6
	Ocean Wind (OCS-A 0498)	2023-2025	906	111	111	13.9	24.6
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	0	33	Not Visible	Not Visible
	Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
	US Wind (OCS-A 0489 and 0490)	2024	938	0	101	Not Visible	Not Visible
Scenario 3	Atlantic Shores Offshore Wind North (OCS-A 0549)	2025-2030	1,047	164	164	16.2	33.2
	Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
	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	11	148	50.3	53.0
	Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
	Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0

- sidered in this photosimulation are subject to po *Historical meteorological data predicts visibility within a limit of 10 statute miles. However, visibility may ulations are based on a refraction value of 7/6 or an app

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

ATLANTIC SHORES

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Reasonably Foreseeable Projects Represented in Photosimulation

that the viewshed analysis results which use a rule of the viewshed analysis results which use a rule of the viewshed analysis results which use a rule of the viewshell of the tion. Inis count may vary from the actual number of WIGs visible in the respective views due to masking completed during post processing which may include people, waves, boats, or other minor obstructions that approxiograph. Additionally, the WIG counts assume a random rotation pattern. Considering the largest WIG in the cumulative array, this of the obstructions of the obstructions assume a random rotation pattern. Considering the largest WIG in the cumulative array, this one of view indicated on the Key Observation Point Context map considering source are accounted on the approximation assume a random rotation position. The respective provided on the Key Observation Point Context map indicates the horizontal extent of view indicates the horizontal extent of view indicates on the horizontal extent of with a dictated on the Key Observation Point Context map consider screening by curvature of the earth, viewer height, and turbine height. Landscape screening features are not considered. Therefore, in this view, the number of visible turbine de on the map wind that the table due to the presence of landscape screening features.





AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic County, New Jersey

Existing Conditions (Panorama 2)

Key Observation Point Context

Simulation Size 66° in width by 29.3° in height. Images though the viewed from a distance of 18 inches the wavely? Tong on the prime in order to obtain the proper perspective.





ATLANTIC SHORES offshore wind

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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

- Anotosimulation 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.
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 The resolution of the currulation of the key Povariation Point Context map indicates the horizontal extent of wive indicates on the key Povariato Point Context map indicates the horizontal extent of wive more and the section of WTG wisibility.
 The resolution of the currulations balances screening featur

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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ATLANTIC SHORES offshore wind

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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)



- Hordsimulation 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 of MIG oscilicant derived from observations of the constructed Block Island WIGF Farr. This refraction called into the view Sublity results (e. greater turbine visibility) that the viewshed analysis results brind: use a refraction values of 7/6 or an approximate of MIG switch use a refraction. Twice Substate Block Island WIGF Farr. This refraction confinient of 013.
 ** The number of WTGs visible from the KOP was determined by human verified computer generated courses 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 humber of WTGs counts assumed the WTG blades are in the upright position whereas the photosimulation sasume a random rotation pattern. Considering the largest VTG is the cumbited position.
 The mediution of the cumbited position to structures the dipotosimulation sasume a random rotation pattern. Considering the largest VTG is the cumbited position.
 The resolution of the cumbited position that appear in the photosimulation sasume a random rotation pattern. Considering the largest VTG is the cumbited position.
 The resolution of the cumbitative photosimulations balances

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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Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	13.9	24.6
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







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ATLANTIC SHORES offshore wind

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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)



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	205	205	10.5	25.6
Ocean Wind (OCS-A 0498)	2024-2025	906	111	111	13.9	24.6
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	0	33	Not Visible	Not Visible
Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
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	164	164	16.2	33.2
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
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	11	148	50.3	53.0
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0











ATLANTIC SHORES offshore wind

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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

- Anotosimulation 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. OS5 positions and dimensions considered in this photosimulation are subject to potential modification.
 Offstore Substation location and dimensions can be added on a refraction wile of 7/6 or an approximate 0.14 coefficient derved from observations of the constructed Block shard Wind Farm. This refraction coefficient may yield more conservative visibility results (i.e. greater turtine visibility) that the viewshed analysis results which use a refraction coefficient of 0.13.
 Offs tower, blades, and nacelle use the BCM and RAA required color RAL 900. The base and platform use RAL 102 in accordance with USC caputal source may any from the acual mumber of WTGs visible from the KOP was determined by human verified computer generated computer generated direct the set of the senth and effection. This count may vary from the acual number of WTGs counts assumed the WTG blades are in the upright position whereas the photosimulations assume a random rotation pattern. Considering the largest WTG is the unaltive array this could account for up to 236 tr. (27 m) in lost maximum height depending on the rotation position.
 The resolution of the work bact on the key opervation Point Context map indicates the horizontal keyt of visibility.
 The resolution of the curulation to sace distant project components. Similarly to human vision, very distant turbine may appear bury or difficult to decipher due to rosoluto in limitative.
 The conduct and the solution to see distant project components. Similary to human vision, very

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	13.9	24.6
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	0	33	Not Visible	Not Visible
Garden State (OCS-A 0482)	2023-2030	853	66	80	45.3	53.7
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	164	164	16.2	33.2
Ocean Wind II (OCS-A 0532)	2026-2030	906	111	111	8.8	31.3
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	11	148	50.3	53.0
Atlantic Shores Offshore Wind Bight (OCS-A 0541)	by 2030	853	95	95	41.4	50.9
Invenergy Wind Offshore (OCS-A 0542)	by 2030	853	70	99	43.9	53.0







ATLANTIC SHORES offshore wind

Appendix A: Atlantic Shores Offshore Wind Cumulative Photosimulations

AC04: Ocean Casino Resort - Sky Garden, Atlantic City, Atlantic 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

Anotosimulation 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 coefficient daval for moders without of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders values of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders values of the constructed Bock Island WInd Farm. This refraction coefficient daval for moders with USG regulations.
The number of WTGs visible from the KOP was detem screeping requiring from septation, structures, ormatter of WTGs visible from the KOP was detem screeping requiring from septation, structures, ormatter of WTGs visible from the KOP was detem screeping requiring from septation, structures, ormatter of WTGs visible from the KOP was detem screeping screeping with may include people, waves, boats or other minor obstructions that appear in the photostructures of WTG counts assumed the WTG blades are in the upright position whereas the photostructure for UFG counts assumed the WTG blades are in the upright position whereas the photostructure for up to 236 tr. (27 m) in lost maximum height depending on the rotation position.
The resolution of the currulation of the key Povariation Point Context map indicates the horizontal extent of wive indicates on the key Povariato Point Context map indicates the horizontal extent of wive more and the section of WTG wisibility.
The resolution of the currulations balances screening featur

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	205	205	10.5	25.6



