

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

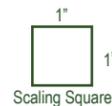


New England Wind

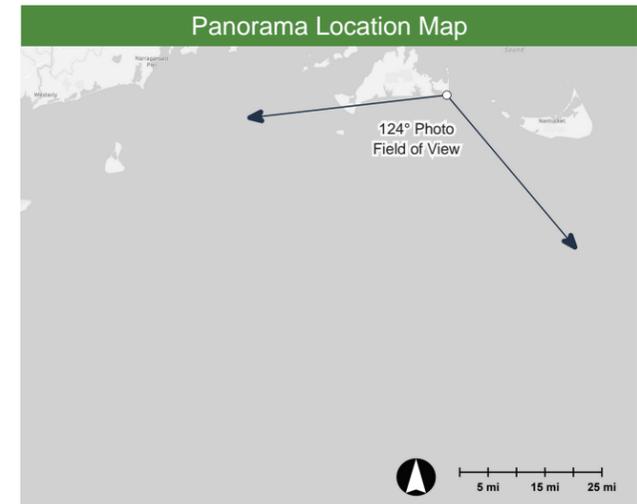


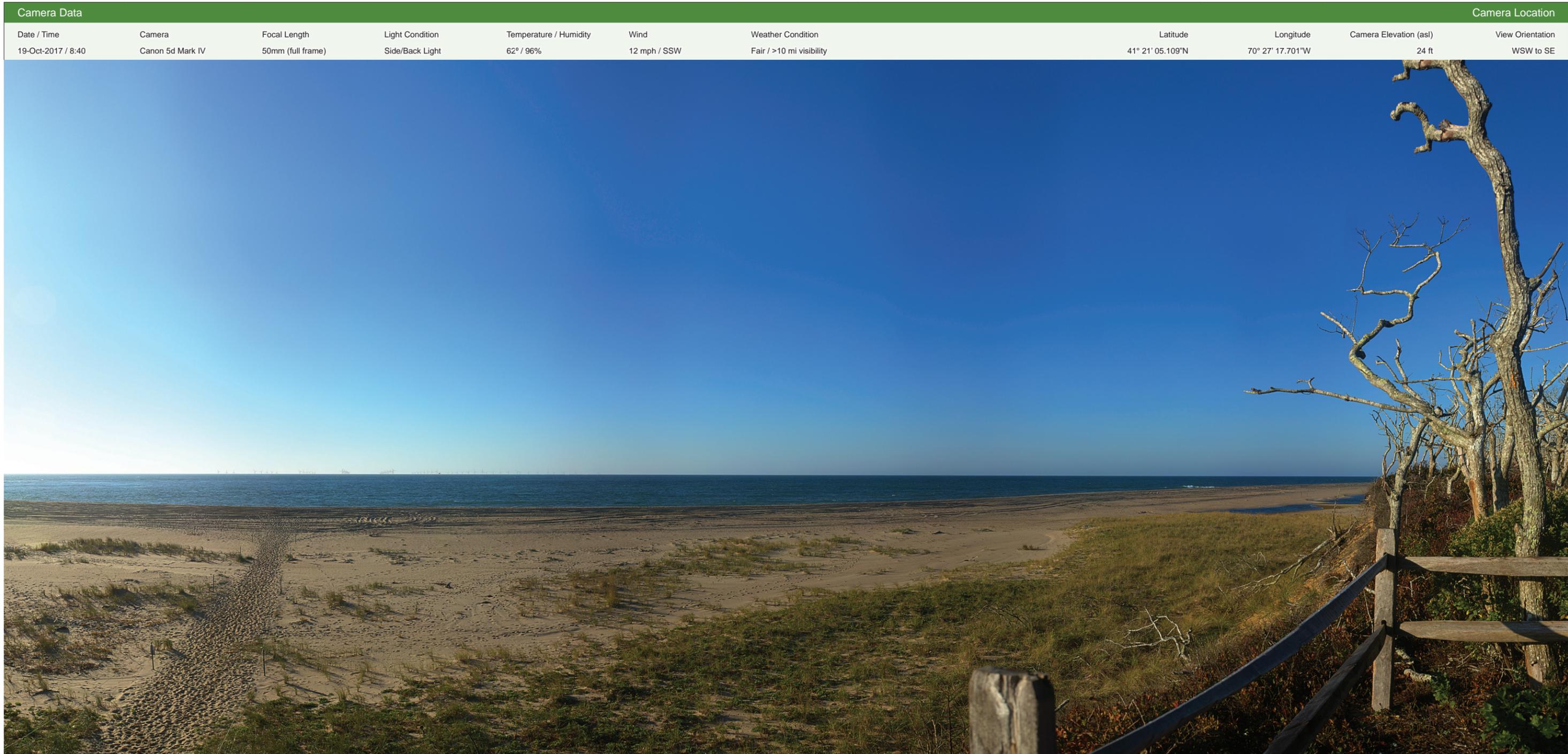
Figure C-5a
Existing View
Wasque Reservation
Town of Edgartown, Martha's Vineyard Island, MA

This panoramic image approximates the full horizontal and vertical field-of-view of normal human eyesight. This image is created from a series of 50mm photo frames merged to create a panoramic scene. This image approximates the full 124° x 55° horizontal and vertical field-of-view of normal human eyesight. To appear at optimum available resolution, this image should be viewed on a computer monitor. To view this image at the correct scale, use the zoom function of the display software (e.g., Adobe Acrobat Reader DC) to adjust the size of the image so that the scaling square to the right measures approximately 1"x1". The screen image should then be viewed at a distance of approximately 22".



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Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

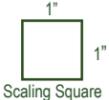


New England Wind



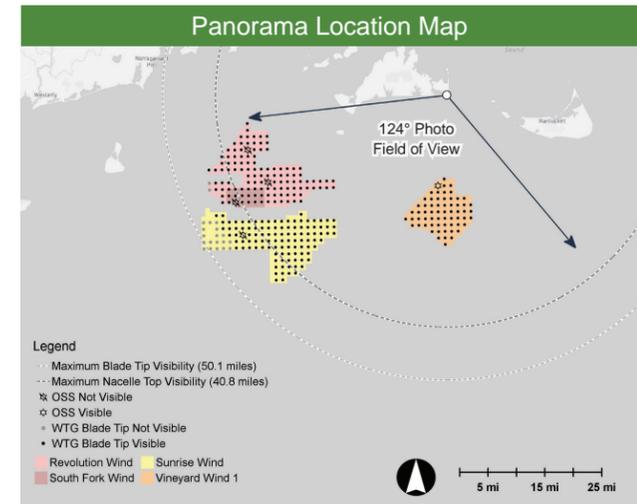
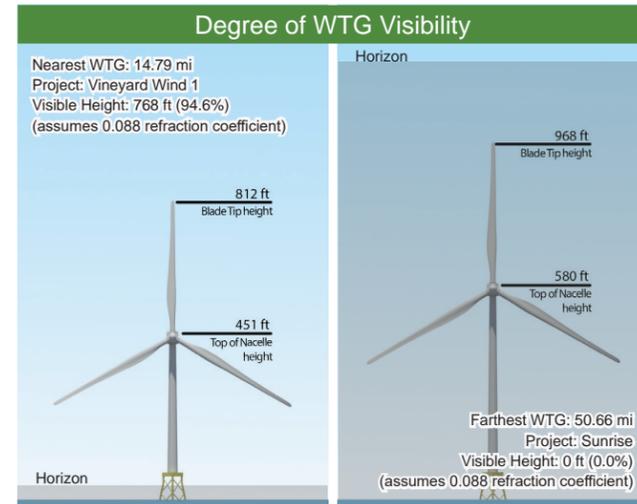
Figure C-5b
 Simulated View - 2023 Project Construction
Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

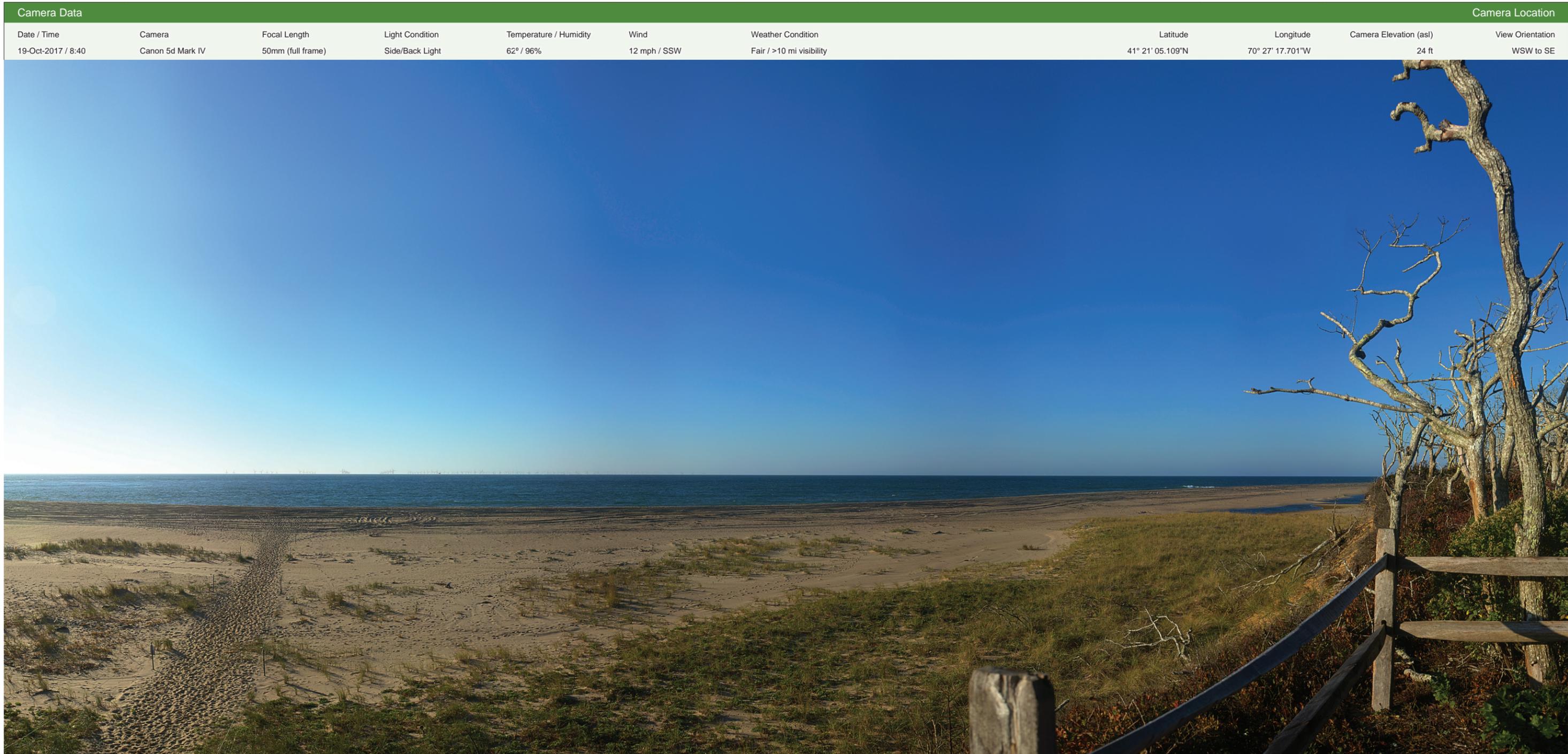
This panoramic image approximates the full horizontal and vertical field-of-view of normal human eyesight. This image is created from a series of 50mm photo frames merged to create a panoramic scene. This image approximates the full 124° x 55° horizontal and vertical field-of-view of normal human eyesight. To appear at optimum available resolution, this image should be viewed on a computer monitor. To view this image at the correct scale, use the zoom function of the display software (e.g., Adobe Acrobat Reader DC) to adjust the size of the image so that the scaling square to the right measures approximately 1"x1". The screen image should then be viewed at a distance of approximately 22".



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View Data							
Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
Vineyard Wind 1 (2023)	62	62	0	14.8 / 26.3	1	1	0
South Fork Wind (2023)	17	17	0	36.6 / 42.8	1	0	1
Revolution Wind (2023)	100	100	0	25.1 / 45.1	2	0	2
Sunrise Wind (2023)	123	105	18	29.7 / 50.7	1	0	1
Total	302	284	18		5	1	4





Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

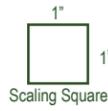


New England Wind



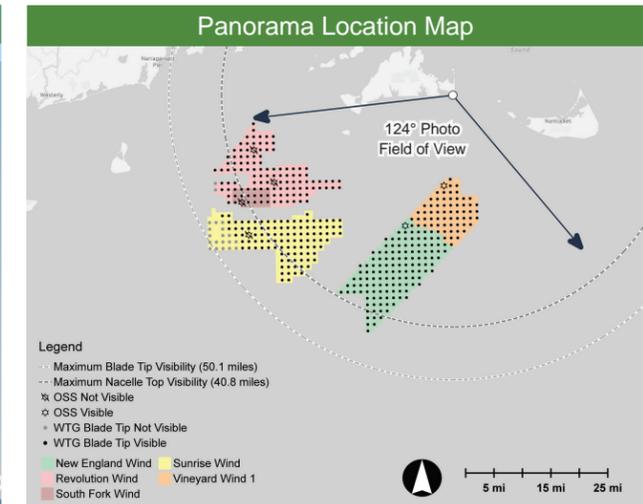
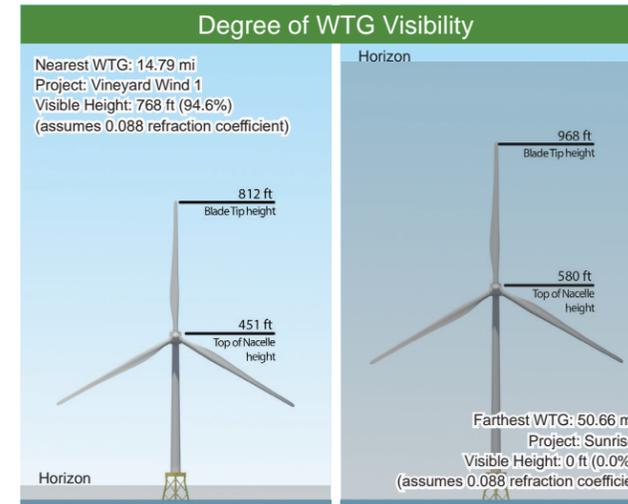
Figure C-5c
 Simulated View - 2024/2026 Project Construction
Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

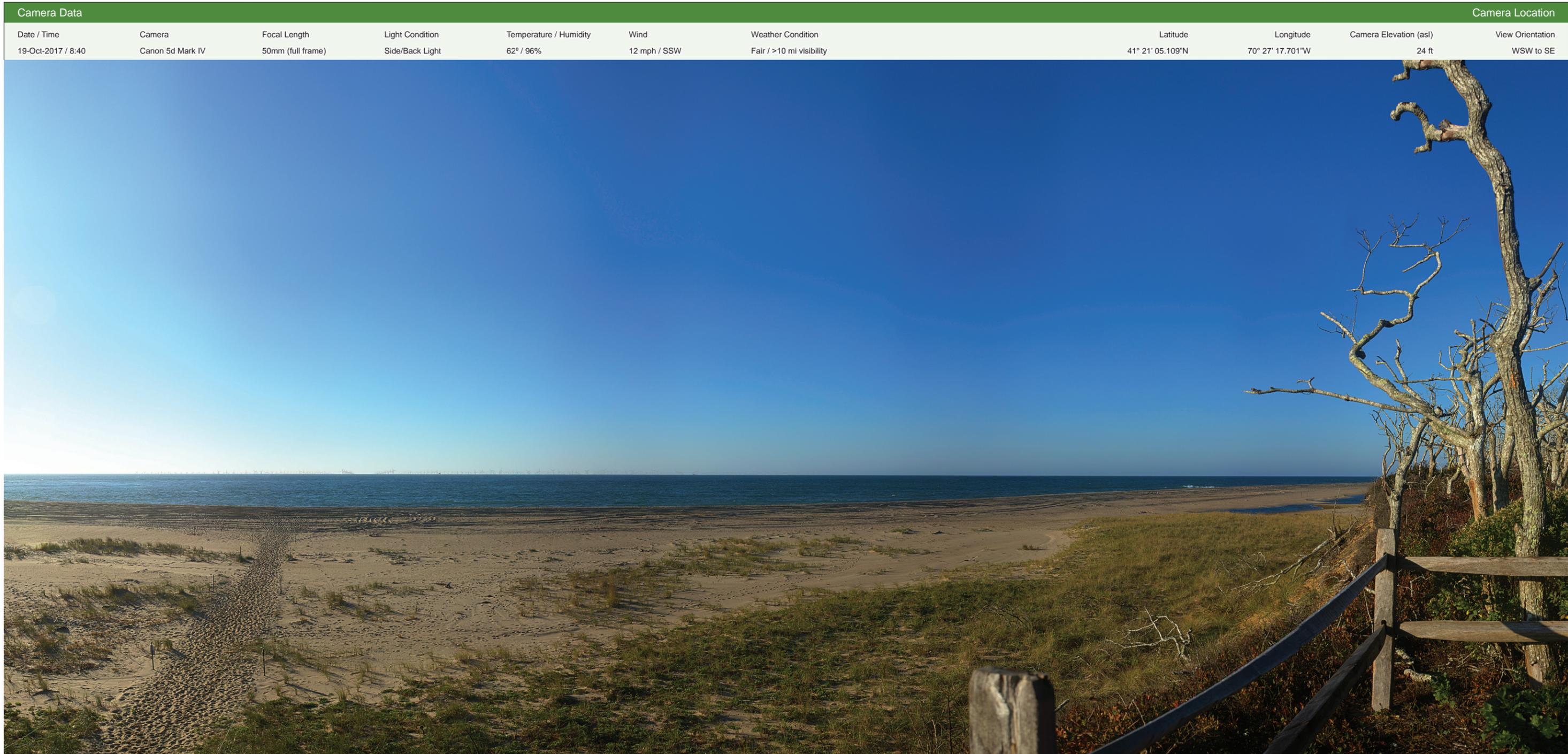
This panoramic image approximates the full horizontal and vertical field-of-view of normal human eyesight. This image is created from a series of 50mm photo frames merged to create a panoramic scene. This image approximates the full 124° x 55° horizontal and vertical field-of-view of normal human eyesight. To appear at optimum available resolution, this image should be viewed on a computer monitor. To view this image at the correct scale, use the zoom function of the display software (e.g., Adobe Acrobat Reader DC) to adjust the size of the image so that the scaling square to the right measures approximately 1"x1". The screen image should then be viewed at a distance of approximately 22".



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View Data							
Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
Vineyard Wind 1 (2023)	62	62	0	14.8 / 26.3	1	1	0
South Fork Wind (2023)	17	17	0	36.6 / 42.8	1	0	1
Revolution Wind (2023)	100	100	0	25.1 / 45.1	2	0	2
Sunrise Wind (2023)	123	105	18	29.7 / 50.7	1	0	1
New England Wind (2024-2026)	129	129	0	24.1 / 44.1	1	1	0
Total	431	413	18		6	2	4





Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

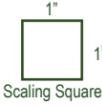


New England Wind



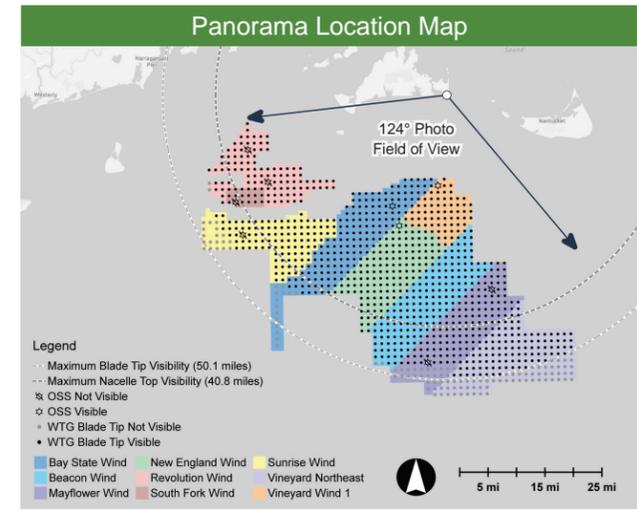
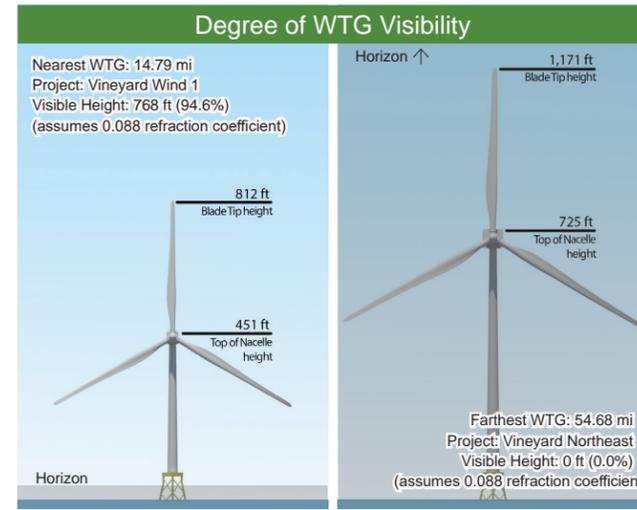
Figure C-5d
Simulated View - 2026-2030 Project Construction (full build-out)
Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

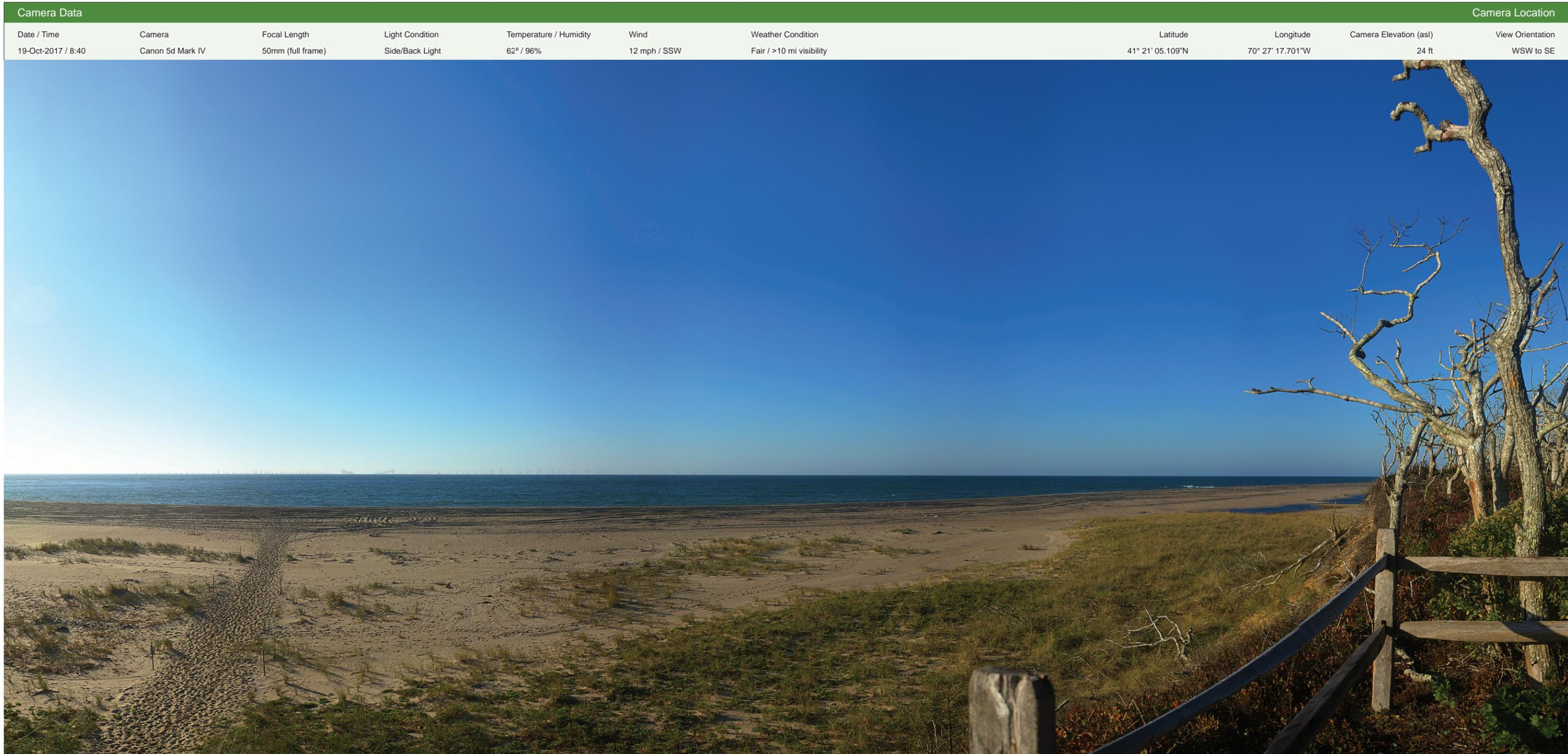
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View Data							
Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
Vineyard Wind 1 (2023)	62	62	0	14.8 / 26.3	1	1	0
South Fork Wind (2023)	17	17	0	36.6 / 42.8	1	0	1
Revolution Wind (2023)	100	100	0	25.1 / 45.1	2	0	2
Sunrise Wind (2023)	123	105	18	29.7 / 50.7	1	0	1
New England Wind (2024-2026)	129	129	0	24.1 / 44.1	1	1	0
Mayflower Wind (2030)	148	124	24	30.9 / 51.8	2	0	2
Vineyard Northeast (2030)	160	100	60	39.7 / 54.7	0	0	0
Beacon Wind (2030)	157	155	2	24.1 / 48.9	0	0	0
Bay State Wind (2030)	166	152	14	15.1 / 53.3	1	1	0
Total	1062	944	118		9	3	6





Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

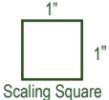


New England Wind



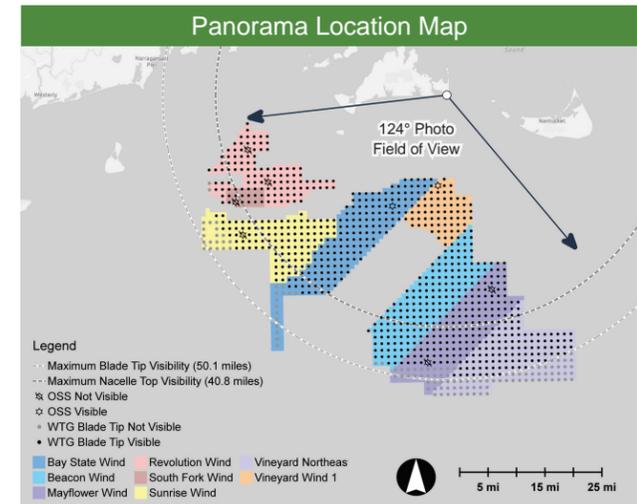
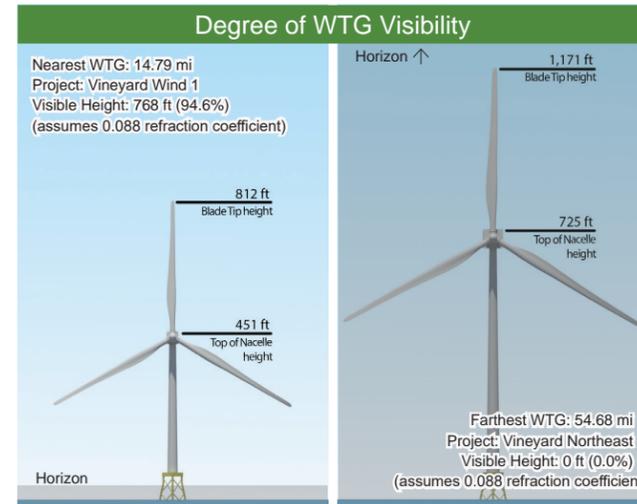
Figure C-5e
 Simulated View - Full Buildout Without New England Wind
 Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

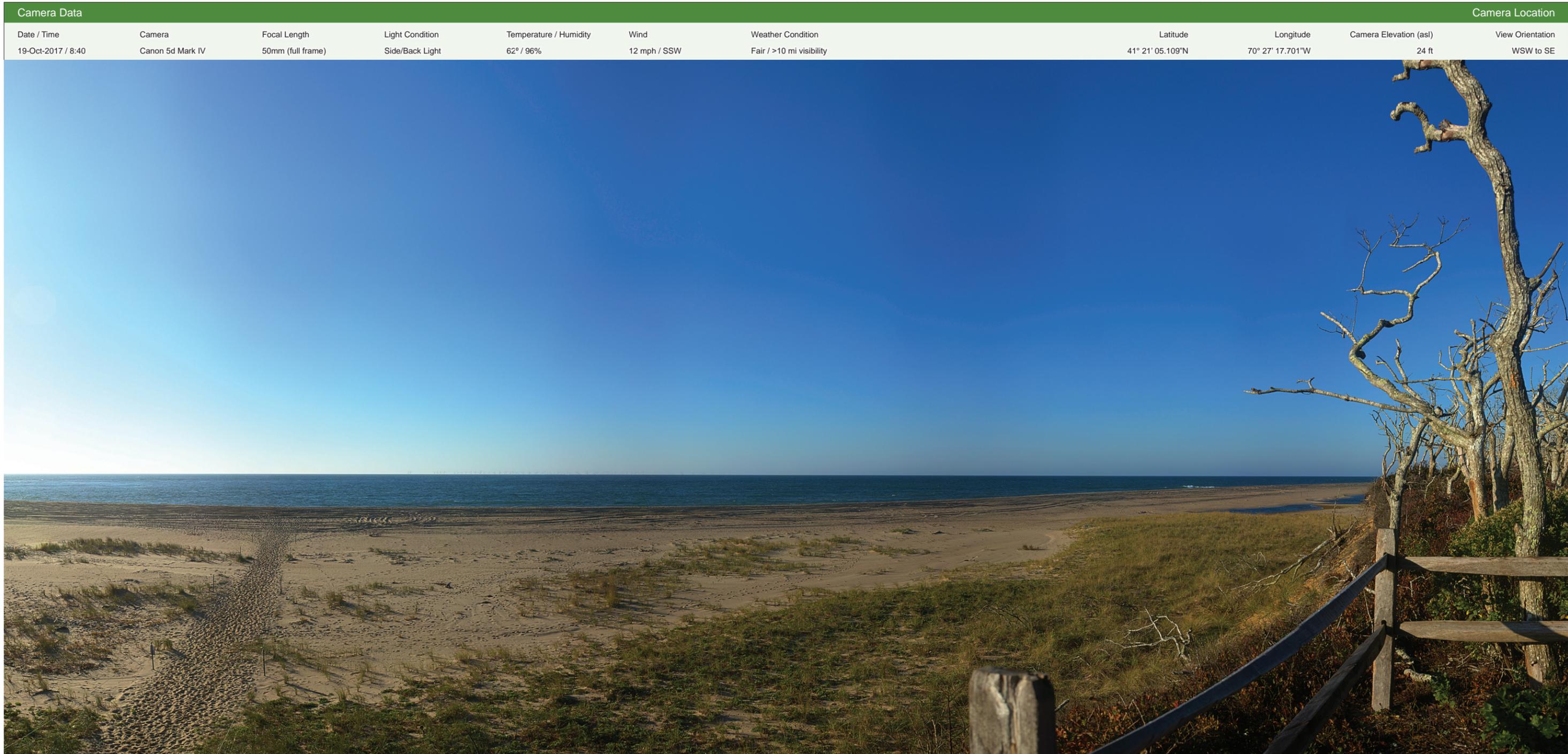
This panoramic image approximates the full horizontal and vertical field-of-view of normal human eyesight. This image is created from a series of 50mm photo frames merged to create a panoramic scene. This image approximates the full 124° x 55° horizontal and vertical field-of-view of normal human eyesight. To appear at optimum available resolution, this image should be viewed on a computer monitor. To view this image at the correct scale, use the zoom function of the display software (e.g., Adobe Acrobat Reader DC) to adjust the size of the image so that the scaling square to the right measures approximately 1"x1". The screen image should then be viewed at a distance of approximately 22".



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View Data							
Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
Vineyard Wind 1 (2023)	62	62	0	14.8 / 26.3	1	1	0
South Fork Wind (2023)	17	17	0	36.6 / 42.8	1	0	1
Revolution Wind (2023)	100	100	0	25.1 / 45.1	2	0	2
Sunrise Wind (2023)	123	105	18	29.7 / 50.7	1	0	1
Mayflower Wind (2030)	148	124	24	30.9 / 51.8	2	0	2
Vineyard Northeast (2030)	160	100	60	39.7 / 54.7	0	0	0
Beacon Wind (2030)	157	155	2	24.1 / 48.9	0	0	0
Bay State Wind (2030)	166	152	14	15.1 / 53.3	1	1	0
Total	933	815	118		8	2	6





Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

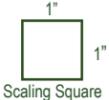


New England Wind



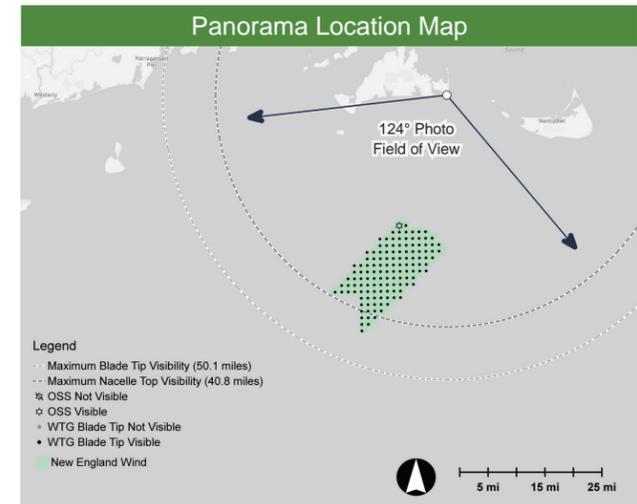
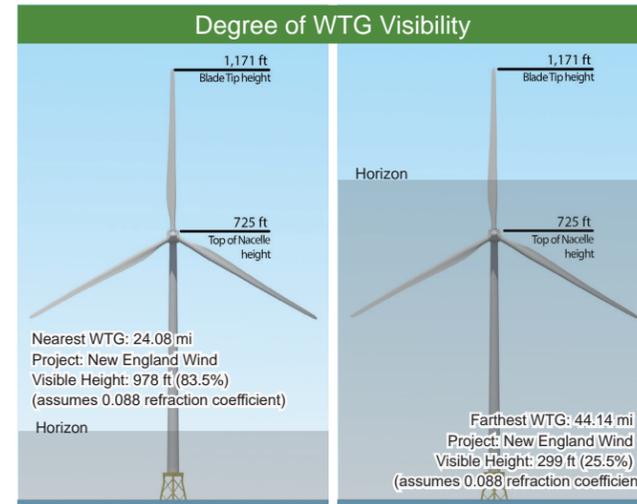
Figure C-5f
Simulated View - New England Wind without Foreseeable Future Changes
Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

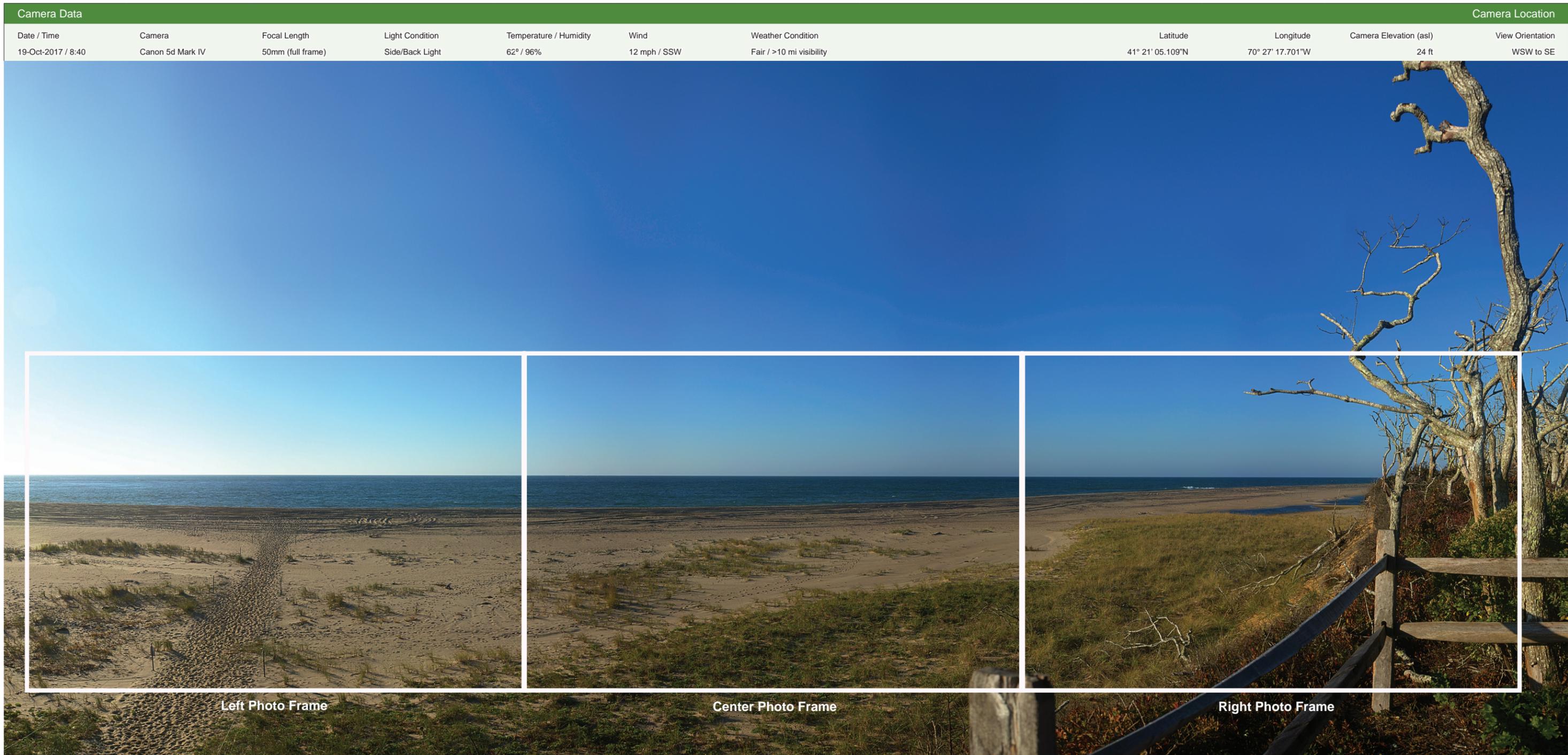
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View Data							
Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
New England Wind (2024-2026)	129	129	0	24.1 / 44.1	1	1	0





Camera Data							Camera Location			
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	Latitude	Longitude	Camera Elevation (asl)	View Orientation
19-Oct-2017 / 8:40	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	62° / 96%	12 mph / SSW	Fair / >10 mi visibility	41° 21' 05.109"N	70° 27' 17.701"W	24 ft	WSW to SE



Left Photo Frame

Center Photo Frame

Right Photo Frame

CUMULATIVE EFFECTS ANALYSIS
PANORAMIC IMAGE

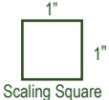


New England Wind



Figure C-5g
Simulated View - 2026-2030 Project Construction (Single frame key map)
Wasque Reservation
 Town of Edgartown, Martha's Vineyard Island, MA

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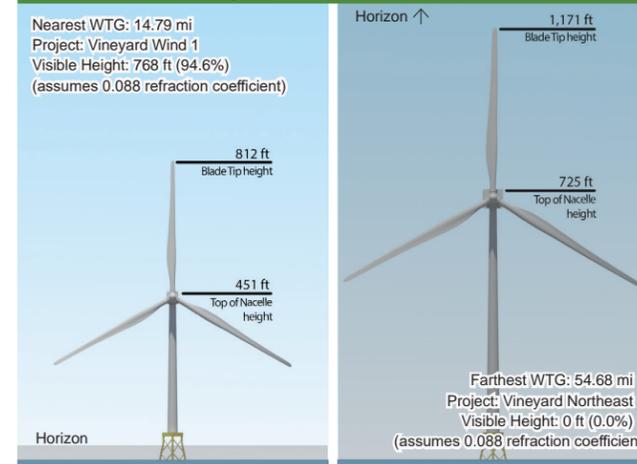


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View Data

Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip In View	WTG Blade Tip not in View	Nearest/ Farthest WTG (miles)	Total OSS	OSS in View	OSS not in View
Vineyard Wind 1 (2023)	62	62	0	14.8 / 26.3	1	1	0
South Fork Wind (2023)	17	17	0	36.6 / 42.8	1	0	1
Revolution Wind (2023)	100	100	0	25.1 / 45.1	2	0	2
Sunrise Wind (2023)	123	105	18	29.7 / 50.7	1	0	1
New England Wind (2024-2026)	129	129	0	24.1 / 44.1	1	1	0
Mayflower Wind (2030)	148	124	24	30.9 / 51.8	2	0	2
Vineyard Northeast (2030)	160	100	60	39.7 / 54.7	0	0	0
Beacon Wind (2030)	157	155	2	24.1 / 48.9	0	0	0
Bay State Wind (2030)	166	152	14	15.1 / 53.3	1	1	0
Total	1062	944	118		9	3	6

Degree of WTG Visibility



Panorama Location Map

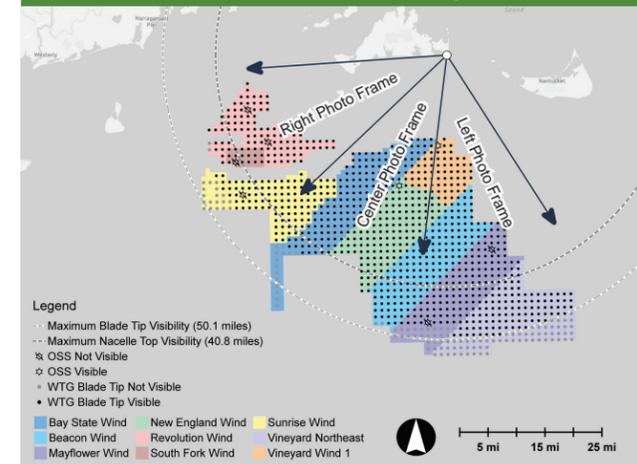




Figure C-5h
Left Photo Frame - 50 mm (full frame image)
Wasque Reservation
Town of Edgartown, Martha's Vineyard Island, MA

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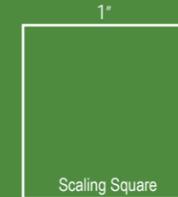




Figure C-5i
Center Photo Frame - 50 mm (full frame image)
Wasque Reservation
Town of Edgartown, Martha's Vineyard Island, MA

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Figure C-5j
Right Photo Frame - 50 mm (full frame image)
Wasque Reservation
Town of Edgartown, Martha's Vineyard Island, MA

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New England Wind

