

5 mi



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".



This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 12 inches from the reader's eye when printed on ANSI E size (34"x44") paper. If printed at a different paper size the proper viewing distance is approximately 0.25 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.

Camera Data											Camera Location
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition		Latitude	Longitude	Camera Elevation (asl)	View Orientation
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Cumulative Panoramic	EFFECTS ANA Image		New Engla		roject Name (Projected WTGS T	y Data g WTG Nearest/ Blade Tip WTG OSS OSS not Typ WTG OSS In in	Nearest WTG: 14.79 mi Project: Revolution Wind Visible Height: 871 ft (99.8%)		Nanapawar Pe	Panorama Location	Map
Figure C-2b Simulated View	w - 2023 Proiec	t Construction		Con Vineyard V	Image: struction Year) Image: struction Year)<	not in View not in (miles) View 3 19 24.0/32.5 1 0 1	(assumes 0.088 refraction coefficient) <u> 873 ft</u> Blade Tip height	968 ft Blade Tip height		124° Photo Field of View	

iew - 2023 Project Construction	

Aquinnah Cultural Center Town of Aquinnah, 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".

Wind		V	iew L	Jata				
	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	43	19	24.0 / 32.5	1	0	1
	South Fork Wind (2023)	17	0	17	20.7 / 26.3	1	0	1
	Revolution Wind (2023)	100	14	86	14.8 / 27.4	2	0	2
	Sunrise Wind (2023)	123	63	60	21.5 / 33.8	1	0	1
1" 1" Scaling Square								
	Total	302	120	182		5	0	5

522 ft Top of Nacelle height Horizon Horizon

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Farthest WTG: 33.83 mi Project: Sunrise Wind Visible Height: 708 ft (73.1%) (assumes 0.088 refraction coefficient



Camera Data							
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	
18-Oct-2017 / 14:53	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	64º / 67%	6 mph / SW	Fair / <10 mi visibility	41°
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CUMULATIVE EFFECTS ANALYSIS PANORAMIC IMAGE

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Figure C-2c Simulated View - 2024/2026 Project Construction Aquinnah Cultural Center

Town of Aquinnah, 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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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	43	19	24.0 / 32.5	1	0	1			
South Fork Wind (2023)	17	0	17	20.7 / 26.3	1	0	1			
Revolution Wind (2023)	100	14	86	14.8 / 27.4	2	0	2			
Sunrise Wind (2023)	123	63	60	21.5 / 33.8	1	0	1			
New England Wind (2024-2026)	129	129	0	25.9 / 41.5	1	1	0			
Total	431	249	182		6	1	5			

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Camera Data								
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition		
18-Oct-2017 / 14:53	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	64º / 67%	6 mph / SW	Fair / <10 mi visibility		41°2
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Figure C-2d

Simulated View - 2026-2030 Project Construction (full build-out) Aquinnah Cultural Center

Town of Aquinnah, Martha's Vineyard Island, MA

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WTG Blade Tip in View WTG Blade Tip not in View Project Name OSS not in View Nearest/ Farthest WTG (miles) OSS in View Total WTGs Total OSS (Projected Construction Year /ineyard Wind 1 (2023) 43 19 24.0 / 32.5 62 0 South Fork Wind (2023) 17 0 17 20.7 / 26.3 0 Revolution Wind (2023) 100 14 86 14.8 / 27.4 2 0 Sunrise Wind (2023) 123 63 60 21.5 / 33.8 0 1 New England Wind (2024-2026) 129 129 0 25.9 / 41.5 1 0 Mayflower Wind (2030) 148 148 0 41.1 / 54.3 2 0 2 /ineyard Northeast (2030) 160 93 67 49.4 / 65.0 0 0 0 Scaling Square 157 32.9 / 48.0 Beacon Wind (2030) 157 0 0 0 0 166 1 Bay State Wind (2030) 163 3 17.3/44.9 1 0 Total 1062 810 252 9 2 7

View Data

Degree of WTG Visibility



This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 12 inches from the reader's eye when printed on ANSI E size (34"x44") paper. If printed at a different paper size the proper viewing distance is approximately 0.25 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.





Camera Data												Camera Location
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition	n ility		Latitude	Longitude	Camera Elevation (asl)	View Orientation
Cumulative Panoramic I	Effects Anal Mage	YSIS	- New Englar	AVANGRID RENEWABLES	Project Name (Projected Total WTGs	ew Data	I OSS OSS in in in View View	Degree of WTG Visibilit Nearest WTG: 14.79 mi Project: Revolution Wind Visible Height: 871 ft (99.8%) (assumes 0.088 refraction coefficient)	Y 1,171 ft Blade Tip height	Manage Contraction	Panorama Location M	Map Series Turnistic
Figure C-2e					Construction Year)	View View					Field of View	

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Simulated View - Full Buildout Without New England Wind Aquinnah Cultural Center

Town of Aquinnah, 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".

	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	43	19	24.0 / 32.5	1	0	1
	South Fork Wind (2023)	17	0	17	20.7 / 26.3	1	0	1
	Revolution Wind (2023)	100	14	86	14.8 / 27.4	2	0	2
	Sunrise Wind (2023)	123	63	60	21.5 / 33.8	1	0	1
1"								
4"	Mayflower Wind (2030)	148	148	0	41.1 / 54.3	2	0	2
· ·	Vineyard Northeast (2030)	160	93	67	49.4 / 65.0	0	0	0
Scaling Square	Beacon Wind (2030)	157	157	0	32.9 / 48.0	0	0	0
	Bay State Wind (2030)	166	163	3	17.3 / 44.9	1	1	0
	Total	933	681	252		8	1	7



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Camera Data								
Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition		
18-Oct-2017 / 14:53	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	64º / 67%	6 mph / SW	Fair / <10 mi visibility		41°
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CUMULATIVE EFECTS ANALYSIS Now England Wind								Degree of WTO Visibility			
PANORAMIC IMAGE	Project Name (Projected	Total	WTG Blade Tip	WTG Blade Tip	Nearest/ Farthest	Total 05	SS OSS	1,171 ft Blade Tip height	1,171 ft Blade Tip height		
Figure C-2f Simulated View - New England Wind without Foreseeable Future Changes	Construction Year)		in i View	not in View	(miles)	Vie	View	725 ft	725 ft		
Aquinnah Cultural Center Town of Aquinnah, 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	New England Wind (2024-2026)	129	129	0	25.9 / 41.5	1 1	0	Top of Nacelle height	Horizon		
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". This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 12 inches from the reader's eye when printed on ANSI E size (34"x44") paper. If printed at a different paper size the proper viewing distance is approximately 0.25 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.								Nearest WTG: 25.37 mi Project: New England Wind Visible Height: 1080 ft (92.2%) (assumes 0.088 refraction coefficient) Horizon	Farthest WTG: 41.46 mi Project: New England Wind Visible Height: 683 ft (58.3%) (assumes 0.088 refraction coefficient)		





New England Wind

5 mi 15 mi 25 mi

Can	nera Data								
Date	/ Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition		
18-O	ct-2017 / 14:53	Canon 5d Mark IV	50mm (full frame)	Side/Back Light	64º / 67%	6 mph / SW	Fair / <10 mi visibility		41°
		Le	ft Photo Frame				Center Photo Frame		
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CUMULATIVE EFFECTS ANALYSIS PANORAMIC IMAGE

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PANORAMIC IMAGE Figure C-2g		Project Name (Projected Construction Year)	Total WTGs	WTG Blade Tip in View	WTG Blade Tip not ir View
Simulated View - 2026-2030 Project Con	Vineyard Wind 1 (2023)	62	43	19	
Aquinnah Cultural Center		South Fork Wind (2023)	17	0	17
Town of Aquinnah, Martha's Vinevard Island, M	Revolution Wind (2023)	100	14	86	
		Sunrise Wind (2023)	123	63	60
This approach in the second state the full best and and and in the full of the second state of the second	human and the increase is see to descent and from a series of 1"	New England Wind (2024-2026)	129	129	0

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166

Total 1062 810

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93

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163

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252

Mayflower Wind (2030)

Beacon Wind (2030)

Bay State Wind (2030)

Scaling Square

(inevard Northeast (2030)



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OSS in View Total OSS

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Nearest/ Farthest WTG (miles)

24.0 / 32.5

20.7 / 26.3

14.8 / 27.4

21.5 / 33.8

25.9 / 41.5

41.1/54.3

49.4 / 65.0

32.9 / 48.0

17.3/44.9

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Figure C-2h Left Photo Frame - 50 mm (full frame image) Aquinnah Cultural Center Town of Aquinnah, Martha's Vineyard Island, MA This image is a single 50mm photo frame (39.6° x 27° horizontal and vertical fieldof view). 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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Figure C-2i Center Photo Frame - 50 mm (full frame image) Aquinnah Cultural Center Town of Aquinnah, Martha's Vineyard Island, MA

This image is a single 50mm photo frame (39.6° x 27° horizontal and vertical fieldof view). 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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Figure C-2j Right Photo Frame - 50 mm (full frame image) **Aquinnah Cultural Center** Town of Aquinnah, Martha's Vineyard Island, MA

This image is a single 50mm photo frame (39.6° x 27° horizontal and vertical fieldof view). 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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