Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7a
Existing View
Tom Nevers Field
Town of Nantucket, Nantucket 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".

1"
1"
Scaling Square

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 larger size the proper viewing distance is approximately 0.25 times the printed width of the image.

Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7b
Simulated View - 2023 Project Construction
Tom Nevers Field
Town of Nantucket, Nantucket 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".

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 larger size the proper viewing distance is approximately 0.25 times the printed width of the image.

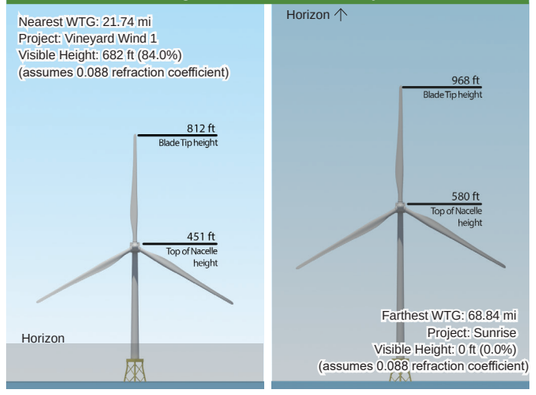


Scaling Square

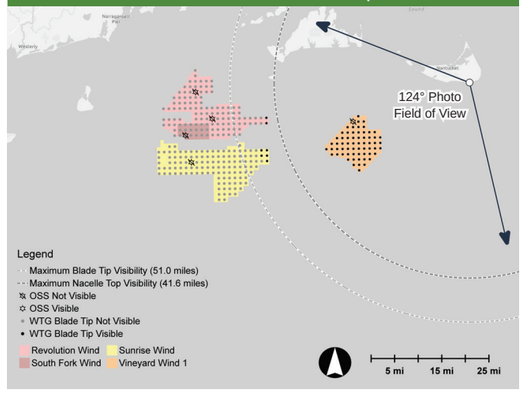
View Data

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	21.7/33.6	1	0	1
South Fork Wind (2023)	17	0	17	56.6/62.6	1	0	1
Revolution Wind (2023)	100	0	100	43.9/65.7	2	0	2
Sunrise Wind (2023)	123	5	118	45.5/68.8	1	0	1
Total	302	67	235		5	0	5

Degree of WTG Visibility



Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7c
Simulated View - 2024/2026 Project Construction
Tom Nevers Field
Town of Nantucket, Nantucket 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".

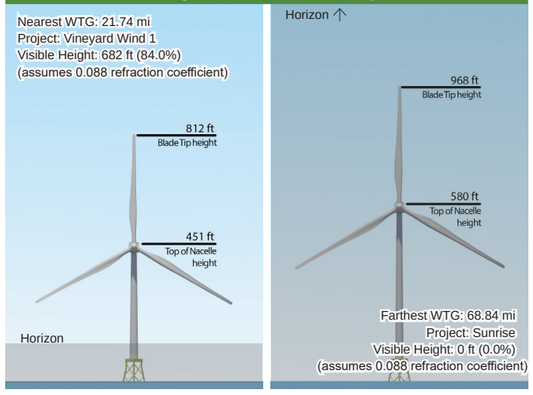
This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 12 inches from the reader's eye when printed on ANSI E size (34"x44") paper. If printed at a larger size the proper viewing distance is approximately 0.25 times the printed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

1" 1"
Scaling Square

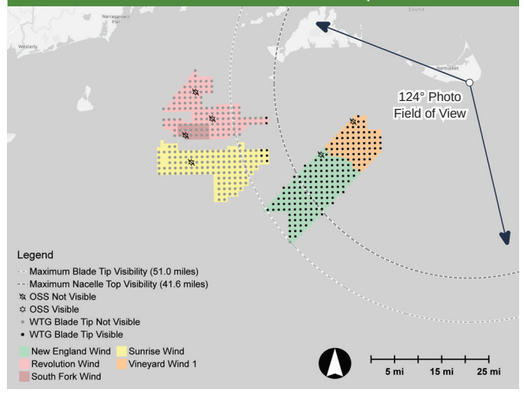
View Data

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	21.7/33.6	1	0	1
South Fork Wind (2023)	17	0	17	56.6/62.6	1	0	1
Revolution Wind (2023)	100	0	100	43.9/65.7	2	0	2
Sunrise Wind (2023)	123	5	118	45.5/68.8	1	0	1
New England Wind (2024-2026)	129	128	1	30.9/51.1	1	0	1
Total	431	195	23		6	0	6

Degree of WTG Visibility



Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7d
Simulated View - 2026-2030 Project Construction (full build-out)
Tom Nevers Field
Town of Nantucket, Nantucket 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".

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 larger size the proper viewing distance is approximately 0.25 times the printed width of the image.

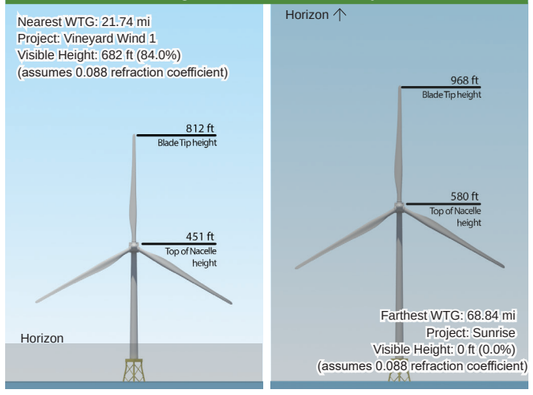


Scaling Square

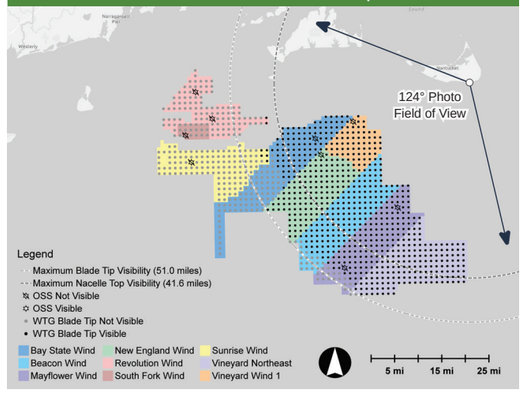
View Data

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	21.7/33.6	1	0	1
South Fork Wind (2023)	17	0	17	56.6/62.6	1	0	1
Revolution Wind (2023)	100	0	100	43.9/65.7	2	0	2
Sunrise Wind (2023)	123	5	118	45.5/68.8	1	0	1
New England Wind (2024-2026)	129	128	1	30.9/51.1	1	0	1
Mayflower Wind (2030)	148	131	17	25.5/52.9	2	0	2
Vineyard Northeast (2030)	160	159	2	31.8/51.7	0	0	0
Beacon Wind (2030)	157	139	18	25.0/53.5	0	0	0
Bay State Wind (2030)	166	92	74	27.0/64.4	1	0	1
Total	**1062**	**715**	**347**		**9**	**0**	**9**

Degree of WTG Visibility



Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7e
Simulated View - Full Buildout Without New England Wind
Tom Nevers Field
Town of Nantucket, Nantucket 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".

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 larger size the proper viewing distance is approximately 0.25 times the printed width of the image.

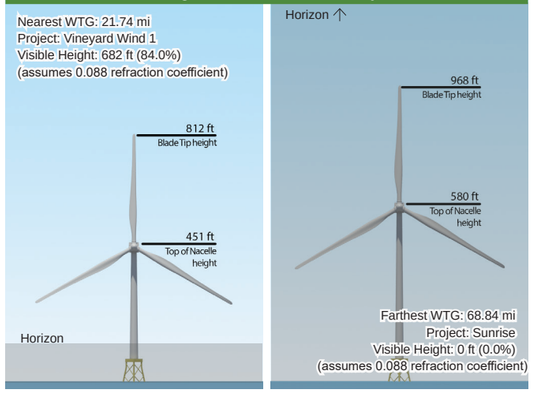


Scaling Square

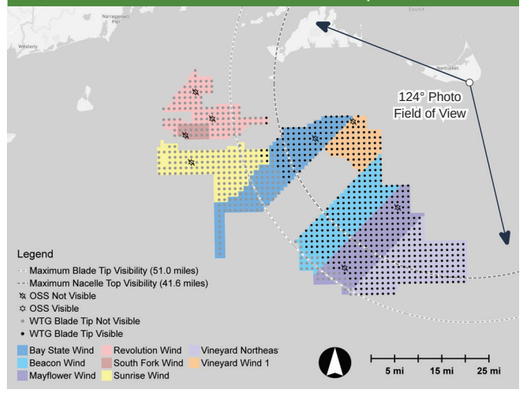
View Data

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	21.7/33.6	1	0	1
South Fork Wind (2023)	17	0	17	56.6/62.6	1	0	1
Revolution Wind (2023)	100	0	100	43.9/65.7	2	0	2
Sunrise Wind (2023)	123	5	118	45.5/68.8	1	0	1
Mayflower Wind (2030)	148	131	17	25.5/52.9	2	0	2
Vineyard Northeast (2030)	160	159	2	31.8/51.7	0	0	0
Beacon Wind (2030)	157	139	18	25.0/53.5	0	0	0
Bay State Wind (2030)	166	92	74	27.0/64.4	1	0	1
Total	**933**	**587**	**346**		**8**	**0**	**8**

Degree of WTG Visibility



Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7f
Simulated View - New England Wind without Foreseeable Future Changes
Tom Nevers Field
Town of Nantucket, Nantucket 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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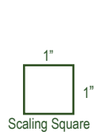
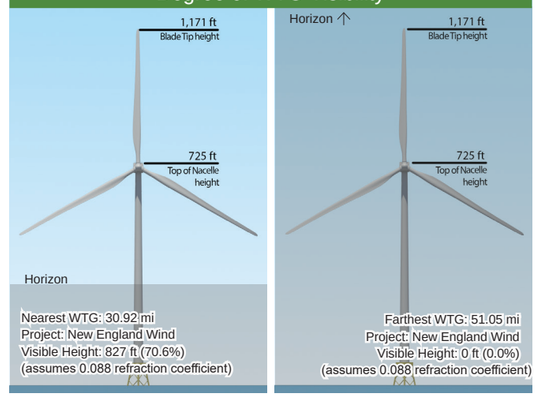


Scaling Square

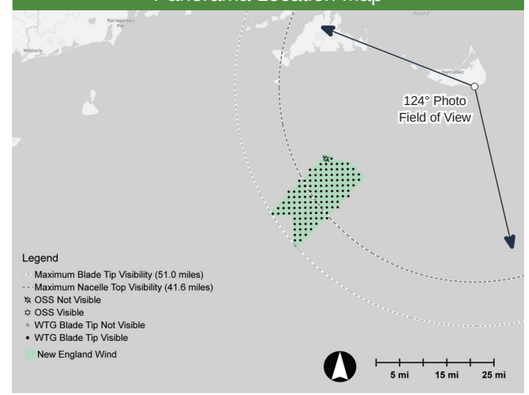
View Data

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	128	1	30.9/51.1	1	0	1

Degree of WTG Visibility



Panorama Location Map



Camera Data

Date / Time	Camera	Focal Length	Light Condition	Temperature / Humidity	Wind	Weather Condition
20-Oct-2017 / 14:45	Canon 5d Mark IV	50mm (full frame)	Back/Side Light	67° / 47%	13 mph / WNW	Fair / >10 mi visibility

Camera Location

Latitude	Longitude	Camera Elevation (asl)	View Orientation
41° 14' 23.522"N	70° 00' 33.675"W	31 ft	WNW to SSE



Cumulative Effects Analysis
Panoramic Image

New England Wind
AVANGRID RENEWABLES

Figure C-7g
Simulated View - 2026-2030 Project Construction (Single frame key map)
Tom Nevers Field
Town of Nantucket, Nantucket 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 124º x 55º 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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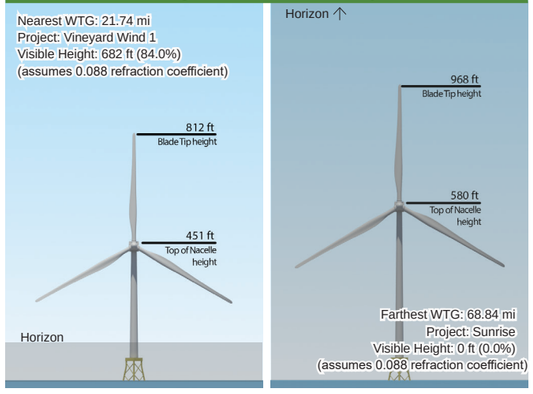
View Data

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	21.7/33.6	1	0	1
South Fork Wind (2023)	17	0	17	56.6/62.6	1	0	1
Revolution Wind (2023)	100	0	100	43.9/65.7	2	0	2
Sunrise Wind (2023)	123	5	118	45.5/68.8	1	0	1
New England Wind (2024-2026)	129	128	1	30.9/51.1	1	0	1
Mayflower Wind (2030)	148	131	17	25.5/52.9	2	0	2
Vineyard Northeast (2030)	160	159	2	31.8/51.7	0	0	0
Beacon Wind (2030)	157	139	18	25.0/53.5	0	0	0
Bay State Wind (2030)	166	92	74	27.0/64.4	1	0	1
Total	**1062**	**715**	**347**		**9**	**0**	**9**

Degree of WTG Visibility



Panorama Location Map

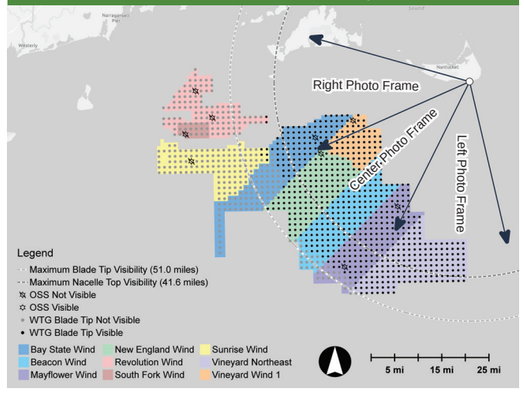




Figure C-7h
Left Photo Frame - 50 mm (full frame image)
Tom Nevers Field
Town of Nantucket, Nantucket Island, MA

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".

This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 22 inches from the reader's eye when printed on ANSI B size (11""x17") paper. If printed at a different paper size the proper viewing distance is approximately 1.5 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.

1"
1"
Scaling Square

New England Wind
AVANGRID RENEWABLES



Figure C-7i
Center Photo Frame - 50 mm (full frame image)
Tom Nevers Field
Town of Nantucket, Nantucket 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".

This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 22 inches from the reader's eye when printed on ANSI B size (11""x17") paper. If printed at a different paper size the proper viewing distance is approximately 1.5 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.

1"
1"
Scaling Square

New England Wind
AVANGRID RENEWABLES



Figure C-7j
Right Photo Frame - 50 mm (full frame image)
Tom Nevers Field
Town of Nantucket, Nantucket 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".

This image may also be viewed on a printed page. To appear at the correct scale the image is intended to be viewed approximately 22 inches from the reader's eye when printed on ANSI B size (11""x17") paper. If printed at a different paper size the proper viewing distance is approximately 1.5 times the width of the printed image. The image should be printed at the highest resolution/paper quality practicable.

1"
1"
Scaling Square

New England Wind
AVANGRID RENEWABLES