

Note: The image above is a panorama composition panning clockwise from west (left) to northeast (right).

VIEWPOINT 75  
Moravia School Field

LOCATION INFORMATION

Municipality:	Village of Moravia
County:	Cayuga
Latitude:	42.70355° N
Longitude:	76.41825° W
Wind Turbine Distance*:	4.9 miles
Distance Zone Represented:	Background
Landscape Similarity Zone:	Village
Viewer/User Group(s):	Local Residents
Visually Sensitive Resource(s):	
VSR ID # 55	Millard Fillmore Elementary School
VSR ID # 58	Village of Moravia

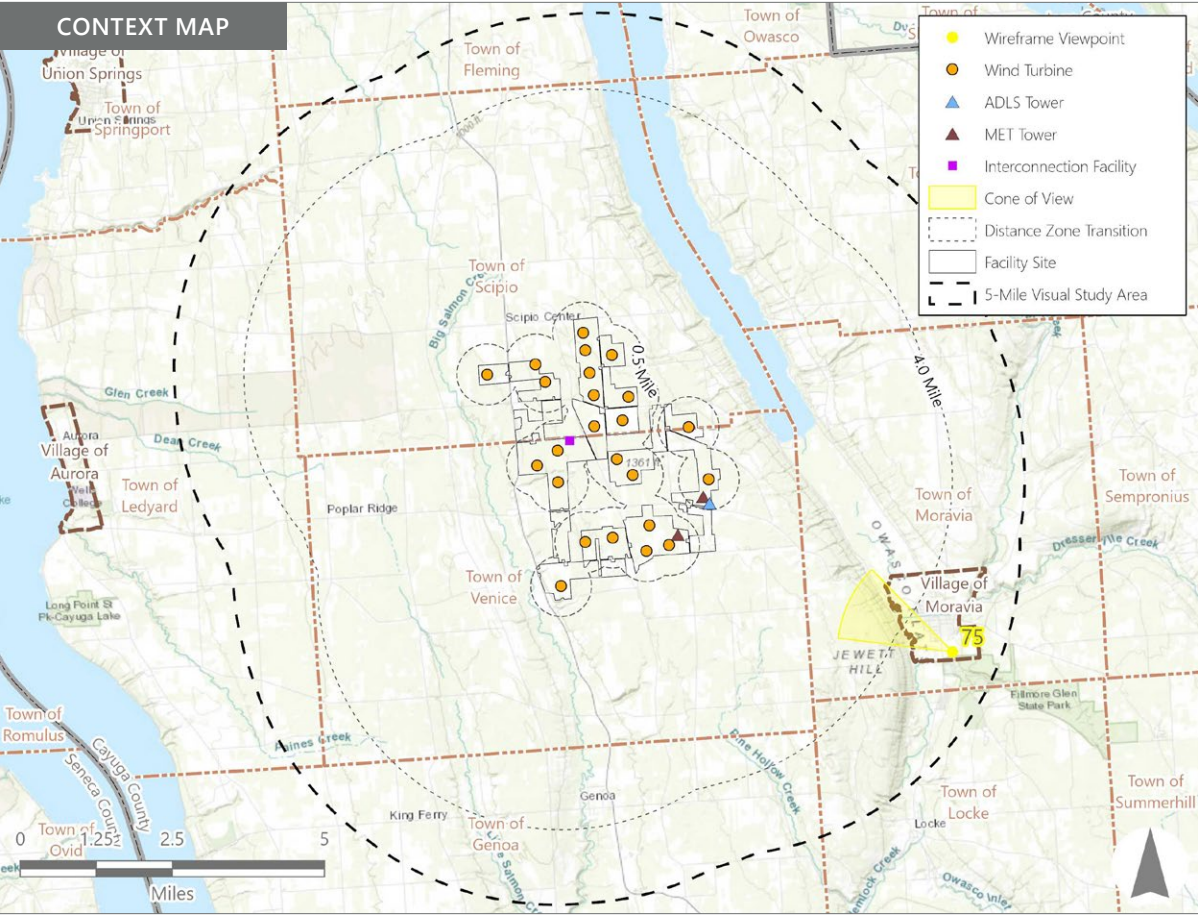
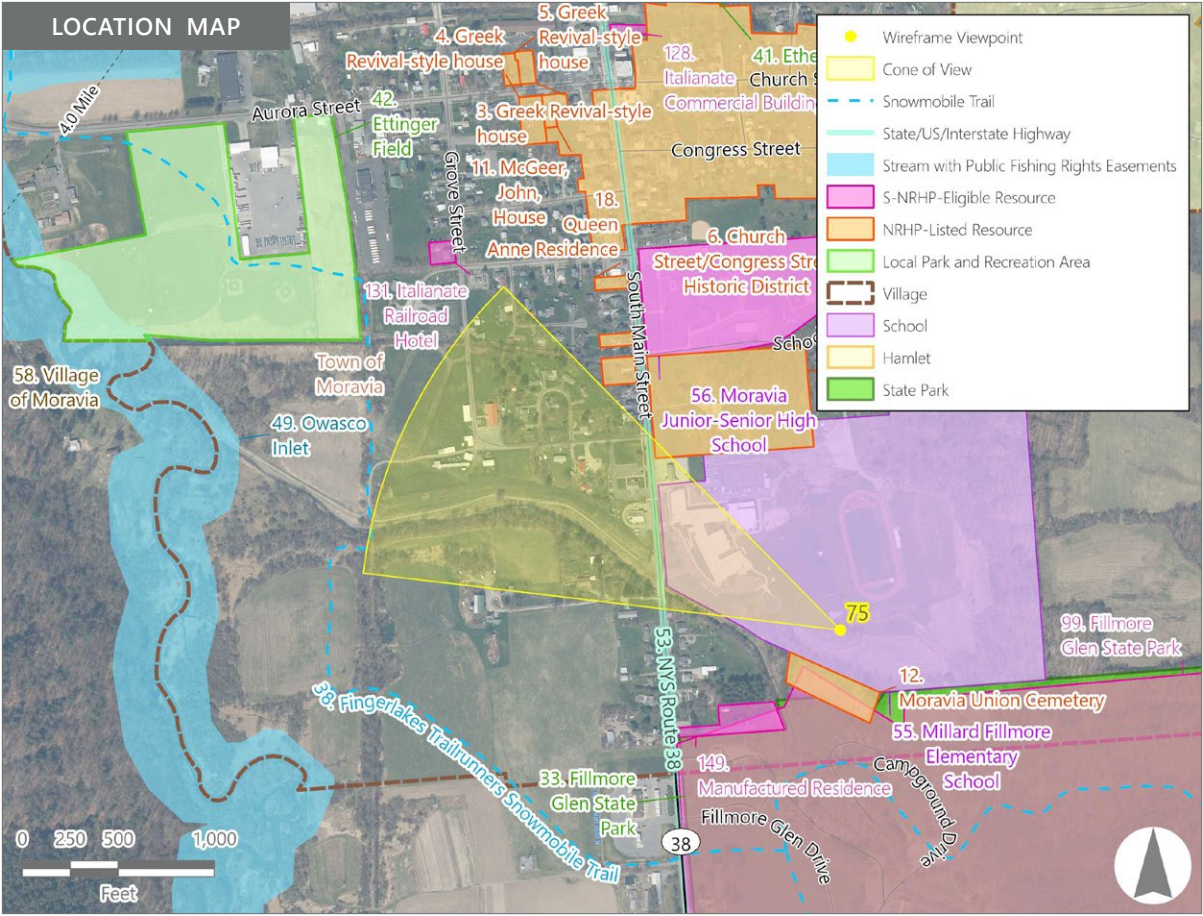
PHOTOGRAPH INFORMATION

Date:	August 14, 2024
Time:	2:28 PM
Camera:	Canon EOS 5D Mark IV
Camera Resolution:	30.4 Megapixels
Lens Focal Length (35 mm sensor equivalent):	50 mm
Camera Elevation:	756 feet
Field of View:	39 degrees
Direction of View:	Northwest
Printed Size:	10 inches x 15 inches
Viewing Distance**:	21 inches

NOTES

\*Distance as measured from the viewpoint to the closest wind turbine within the simulated photograph's field of view.

\*\*The wireframe rendering is the correct perspective when printed on an 11 inch by 17 inch sheet at full scale, and viewed approximately 21 inches from the eye of the viewer.



Agricola Wind Project

Towns of Venice and Scipio, Cayuga County, New York

Visual Impact Assessment  
Appendix 8-A



EXISTING VIEW



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



WIREFRAME RENDERING

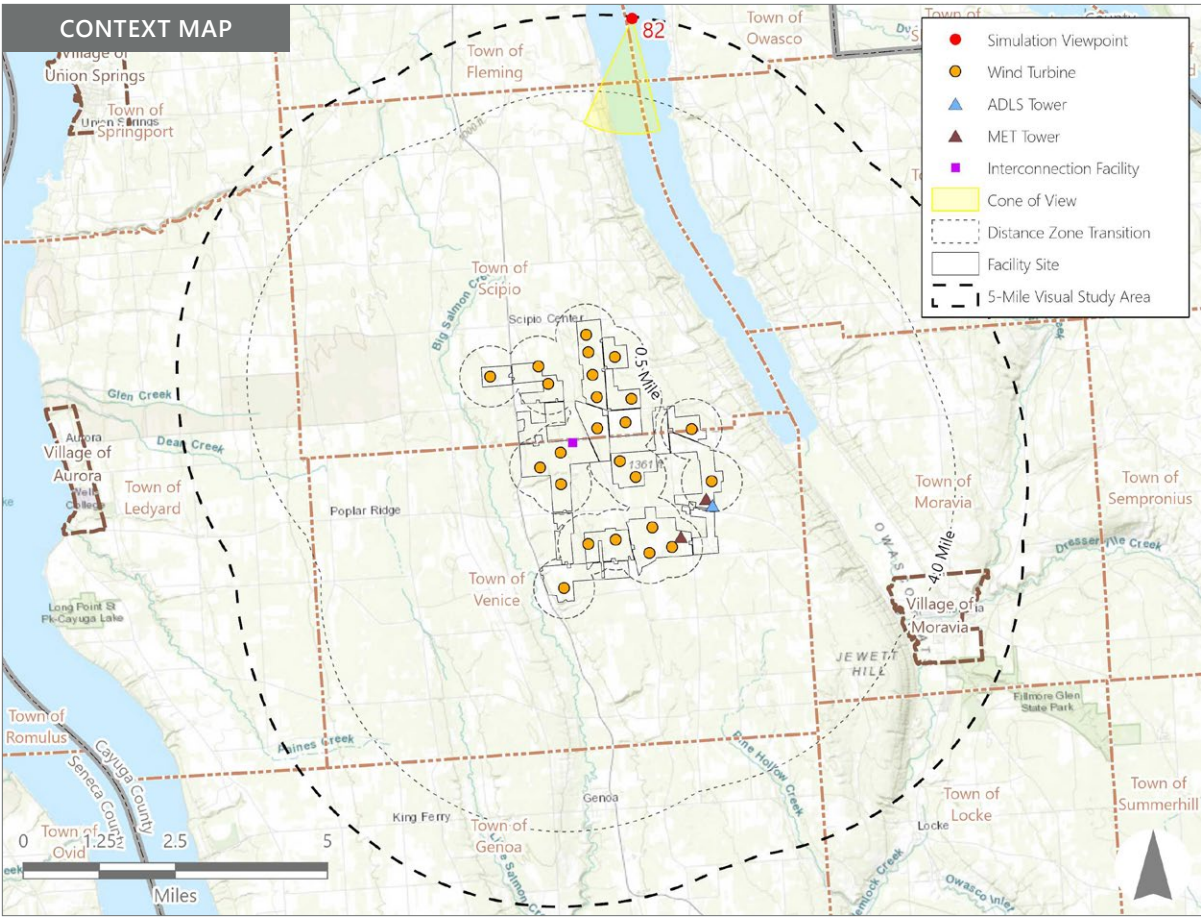


*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*





Note: The image above is a panorama composition panning clockwise from southeast (left) to west (right).



**VIEWPOINT 82**  
Owasco Lake

**LOCATION INFORMATION**

Municipality:	Town of Owasco
County:	Cayuga
Latitude:	42.85580° N
Longitude:	76.51653° W
Wind Turbine Distance*:	5.2 miles
Distance Zone Represented:	Background
Landscape Similarity Zone:	Owasco Lake
Viewer/User Group(s):	Local Residents, Tourists/ Recreational Users

Visually Sensitive Resource(s):	
VSR ID # 50	Owasco Lake

**PHOTOGRAPH INFORMATION**

Date:	May 16, 2024
Time:	11:20 AM
Camera:	Canon EOS 5D Mark IV
Camera Resolution:	30.4 Megapixels
Lens Focal Length (35 mm sensor equivalent):	50 mm
Camera Elevation:	712 feet
Field of View:	39 degrees
Direction of View:	South
Printed Size:	10 inches x 15 inches
Viewing Distance**:	21 inches

**NOTES**

\*Distance as measured from the viewpoint to the closest wind turbine within the simulated photograph's field of view.

\*\*The ssimulation is at the correct perspective when printed on an 11 inch by 17 inch sheet at full scale, and viewed approximately 21 inches from the eye of the viewer.



VIEWPOINT 82

Owasco Lake

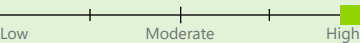


Existing View

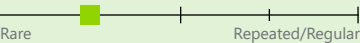
Viewpoint 82 is located on the surface of Owasco Lake in the Town of Owasco, approximately 5.2 miles from the nearest proposed wind turbine that would be visible in the selected photograph's field of view. It is in the Owasco Lake LSZ and typical viewers are local residents and tourists involved in recreational activities on the lake. Views in this general area include broad expanses of open water in all directions, backed by distant wooded shorelines. In the selected photo, the existing view to the south includes the open water of Owasco Lake extending from the immediate foreground to the background. The background features the steeply sloped, wooded shoreline of the lake that angles into the distance from right to left. The shoreline in the right half of the view includes residences and boathouses along the water's edge, and in one instance at the top of the wooded slope. Elsewhere, the sloping shoreline appears solidly wooded and terminates at a relatively level horizon line where the trees meet the partly cloudy sky. The wooded slope along the shoreline creates a strong horizontal line in the landscape and blocks views of more distant landscape features. The open water view is dramatic, and yet peaceful, due to its expansive size and the lack of human activities on the lake surface. It has high scenic quality and is emblematic of scenery in the Finger Lakes region of New York State.

Viewpoint Sensitivity<sup>1</sup>:

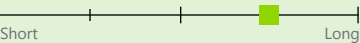
Scenic Quality:



View Frequency:



View Duration:



<sup>1</sup>Viewpoint Sensitivity information is gathered from rating panel results. Scenic Quality and Viewer Exposure indicated in this table reflects all ratings by the rating panel.



Proposed View

With the proposed Facility in place, a cluster of fully exposed wind turbines, as well as the blade tips of more well screened and distant turbines, rise above the background ridge on the opposite side of Owasco Lake. The turbines' scale contrast with the forest vegetation on the ridgetop is notable and they add a new and somewhat discordant land use to the view. However, at this distance the turbines appear delicate and do not dominate the view. Under the lighting/sky conditions illustrated in the selected photo, the turbines present variable color contrast with the partly cloudy sky but are clearly visible. Although their novel form, size, and movement will make them a new focal point, the lake and its wooded shoreline continue to define the dominant character of this view.

Visual Contrast Rating Results Summary

Landscape Component	Score	Rating
Landform	1.0	Minimal
Vegetation	0.8	Minimal
Land Use	2.7	Moderate/Appreciable
Water	1.7	Minimal/Moderate
Sky	2.3	Moderate/Appreciable
Viewer Activity	2.5	Moderate/Appreciable
Overall Average	1.8	Moderate

Agricola Wind Project

Towns of Venice and Scipio, Cayuga County, New York

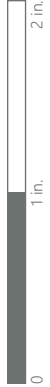
Visual Impact Assessment  
Appendix 8-A



EXISTING VIEW



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



*This scale is to ensure the simulation images are printed at the intended size.*

VIEWPOINT 82  
Owasco Lake

**Agricola Wind Project**  
*Visual Impact Assessment, Appendix 8-A, Attachment D*





PHOTOSIMULATION



*Note: Printed at actual size, the resulting simulation image is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches from the eye of the viewer.*

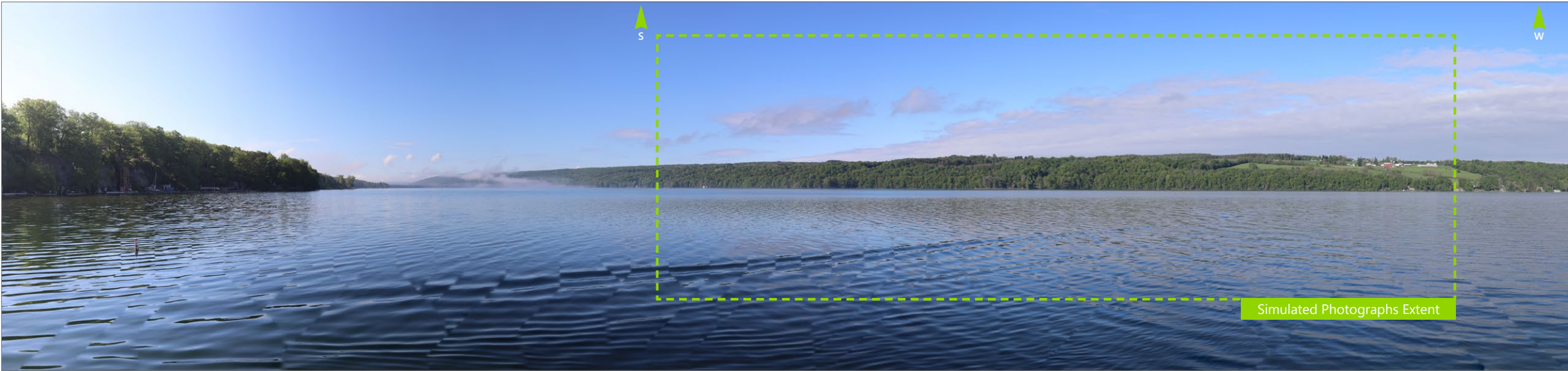


VIEWPOINT 82  
Owasco Lake

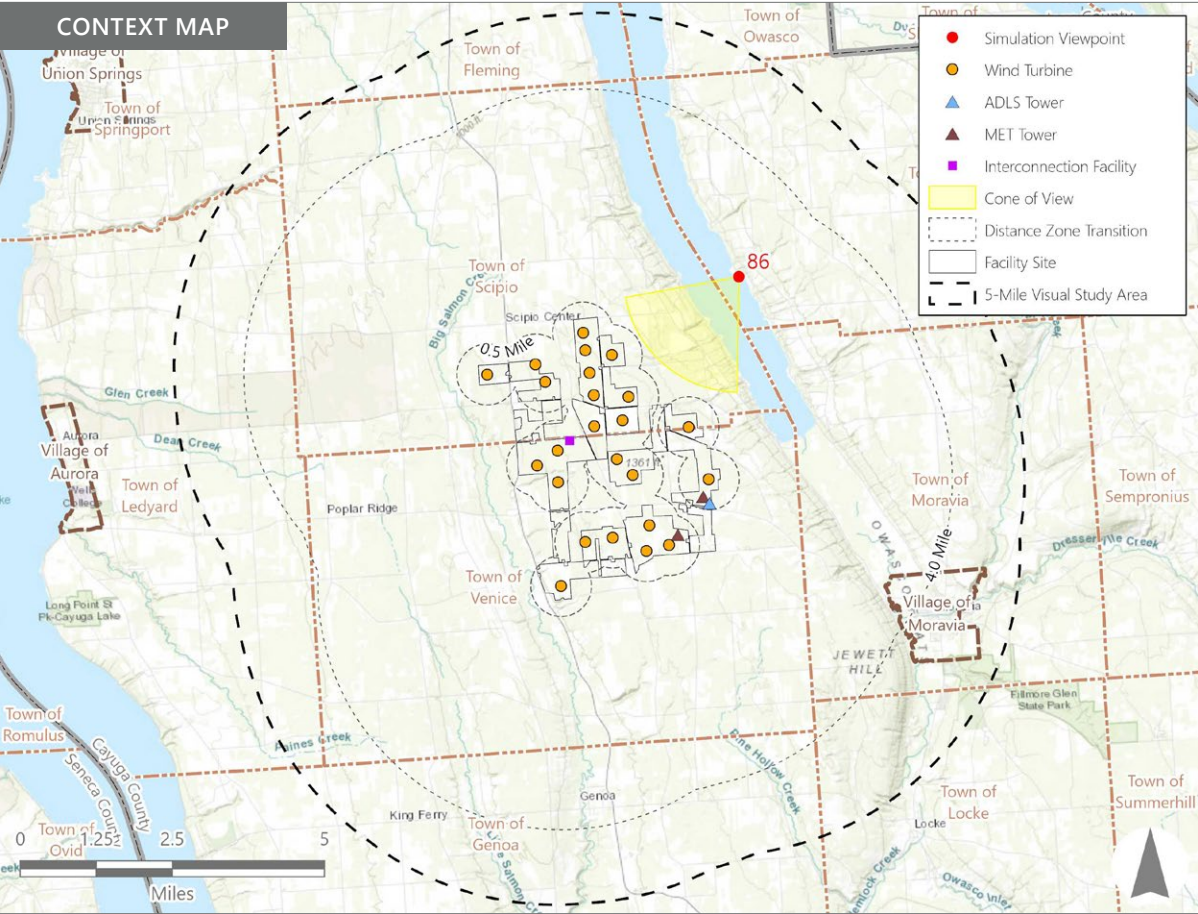
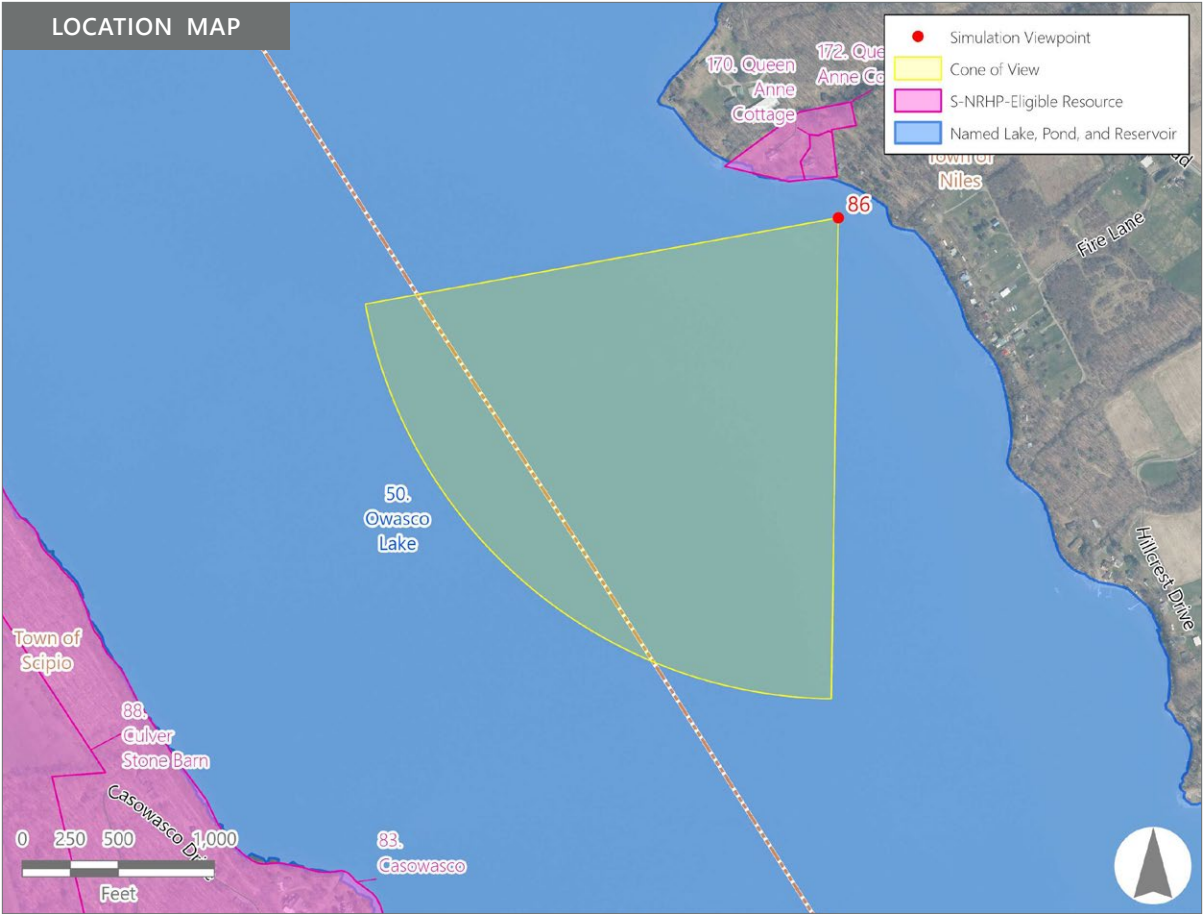
**Agricola Wind Project**  
*Visual Impact Assessment, Appendix 8-A, Attachment D*







Note: The image above is a panorama composition panning clockwise from southeast (left) to west (right).



VIEWPOINT 86  
Owasco Lake

LOCATION INFORMATION

Municipality:	Town of Niles
County:	Cayuga
Latitude:	42.79325° N
Longitude:	76.48311° W
Wind Turbine Distance*:	2.5 miles
Distance Zone Represented:	Middle Ground
Landscape Similarity Zone:	Owasco Lake
Viewer/User Group(s):	Local Residents, Tourists/ Recreational Users

Visually Sensitive Resource(s):	
VSR ID # 50	Owasco Lake

PHOTOGRAPH INFORMATION

Date:	May 16, 2024
Time:	8:39 AM
Camera:	Canon EOS 5D Mark IV
Camera Resolution:	30.4 Megapixels
Lens Focal Length (35 mm sensor equivalent):	50 mm
Camera Elevation:	712 feet
Field of View**:	79 degrees
Direction of View:	South to west
Printed Size:	10 inches x 15 inches
Viewing Distance***:	21 inches

NOTES

\*Distance as measured from the viewpoint to the closest wind turbine within the simulated photograph's field of view.

\*\*The simulated field of view is comprised of multiple single frame simulations, each with a field of view of 39 degrees.

\*\*\*The single-frame photograph simulations are at the correct perspective when printed on an 11 inch by 17 inch sheet at full scale, and viewed approximately 21 inches from the eye of the viewer.



VIEWPOINT 86

Owasco Lake

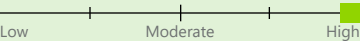


Existing View

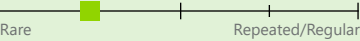
Viewpoint 86 is located on the surface of Owasco Lake in the Town of Niles, approximately 2.5 miles from the nearest proposed wind turbine that would be visible in the selected photograph’s field of view. It is in the Owasco Lake LSZ and typical viewers include local (shoreline) residents and tourists/recreational users of the lake. Views in this general area include the open waters of Owasco Lake extending long distances to the north and south, and a wooded slope on the opposite shoreline to the west. In the selected panoramic photo, the existing view from the south to the west includes almost the full width of the lake. The water is relatively calm and blue, reflecting the clear sky overhead. The far shoreline is largely wooded, but open fields and buildings associated with a farm complex are prominent features on the upper portions of the slope on the right. The farm complex is an interesting focal point that adds a bucolic agricultural element to the character of this rural waterfront view. Scenic quality of this view is considered high.

Viewpoint Sensitivity<sup>1</sup>:

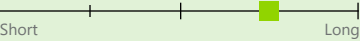
Scenic Quality:



View Frequency:



View Duration:



<sup>1</sup> Viewpoint Sensitivity information is gathered from rating panel results. Scenic Quality and Viewer Exposure indicated in this table reflects all ratings by the rating panel.



Proposed View

With the proposed Facility in place, numerous wind turbines are clearly visible above the wooded ridge line on the opposite shoreline of Owasco Lake across the full field of view. Lighting of the turbines varies, with the backs of the blades generally being in shadow and dark, while the nacelles and towers are primarily front lit and white. The front lit turbines on the right present the greatest color contrast with the sky and compete for viewer attention with the farmstead below them on the ridge. Due to their abundance and movement, the turbines become a new focal point in this view. The turbines introduce wind power as a significant new land use but appear compatible with the farmstead/agricultural component of the view. The turbines are widely spaced, which reduces visual clutter, and the relatively slow movement of their blades will limit their impact on the peaceful character of the waterfront view. The lake and its wooded shoreline remain the dominant, character-defining features of the view, but to shoreline residents and tourists the turbines could have an adverse impact on their enjoyment of views of the lake and sunsets that are important to them.

Visual Contrast Rating Results Summary

Landscape Component	Score	Rating
Landform	1.0	Minimal
Vegetation	0.8	Minimal
Land Use	2.5	Moderate/Appreciable
Water	1.3	Minimal/Moderate
Sky	2.5	Moderate/Appreciable
Viewer Activity	2.3	Moderate/Appreciable
Overall Average	1.8	Moderate

Agricola Wind Project

Towns of Venice and Scipio, Cayuga County, New York

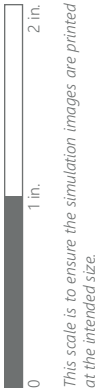
Visual Impact Assessment  
Appendix 8-A



EXISTING VIEW (1 OF 3)

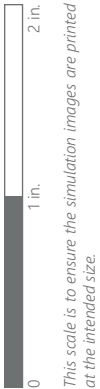


*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



VIEWPOINT 86  
Owasco Lake





VIEWPOINT 86  
Owasco Lake

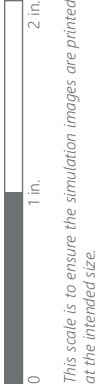
*Note: Printed at actual size, the resulting simulation image is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW (2 OF 3)



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*

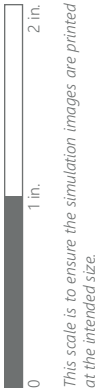


VIEWPOINT 86  
Owasco Lake





*Note: Printed at actual size, the resulting simulation image is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches from the eye of the viewer.*



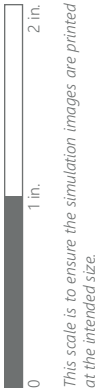
VIEWPOINT 86  
Owasco Lake



EXISTING VIEW (3 OF 3)



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



VIEWPOINT 86  
Owasco Lake





*Note: Printed at actual size, the resulting simulation image is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW - PANORAMA



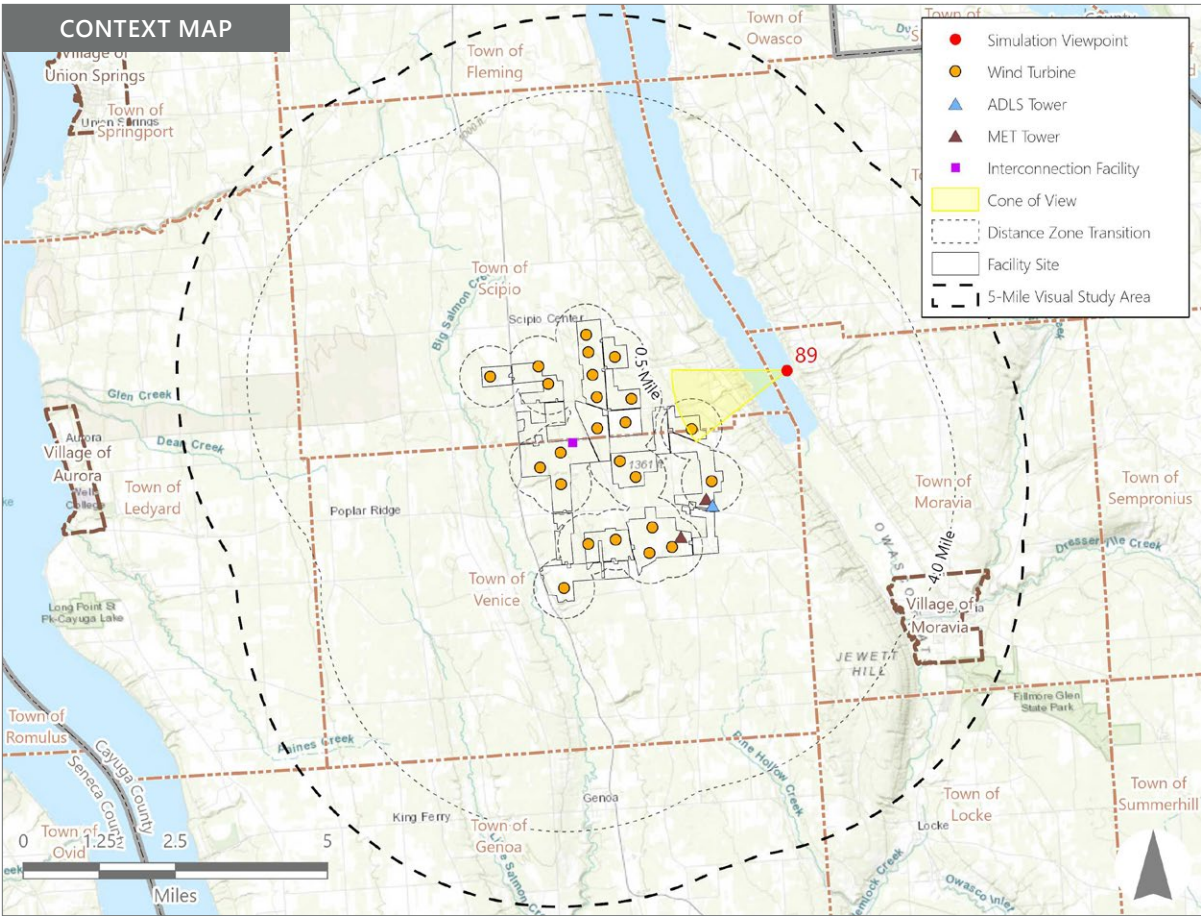
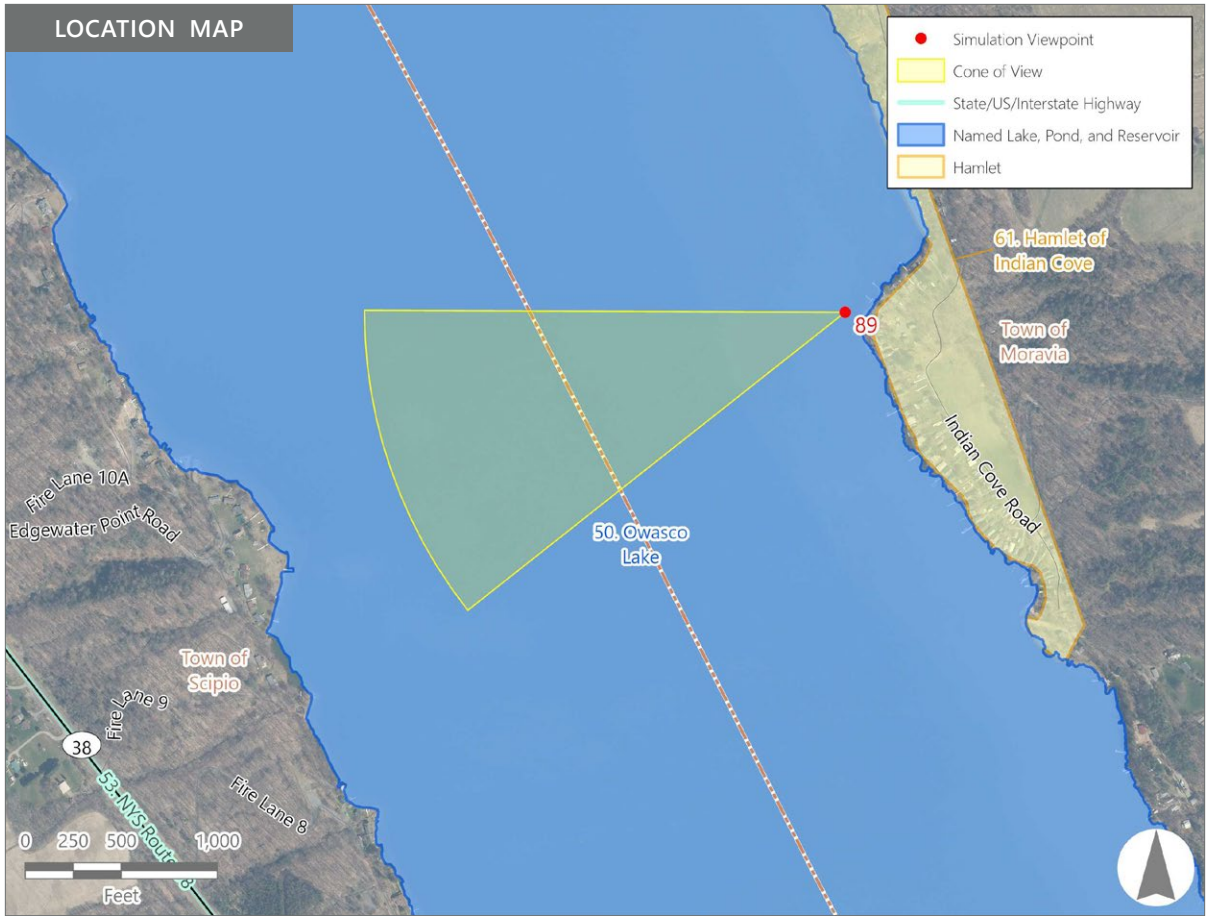








Note: The image above is a panorama composition panning clockwise from southeast (left) to west (right).



VIEWPOINT 89

Owasco Lake

LOCATION INFORMATION

Municipality:	Town of Moravia
County:	Cayuga
Latitude:	42.77122° N
Longitude:	76.46937° W
Wind Turbine Distance*:	1.8 miles
Distance Zone Represented:	Middle Ground
Landscape Similarity Zone:	Owasco Lake
Viewer/User Group(s):	Local Residents, Tourists/ Recreational Users

Visually Sensitive Resource(s):	
VSR ID # 50	Owasco Lake

PHOTOGRAPH INFORMATION

Date:	May 16, 2024
Time:	9:17 AM
Camera:	Canon EOS 5D Mark IV
Camera Resolution:	30.4 Megapixels
Lens Focal Length (35 mm sensor equivalent):	50 mm
Camera Elevation:	712 feet
Field of View:	39 degrees
Direction of View:	West
Printed Size:	10 inches x 15 inches
Viewing Distance**:	21 inches

NOTES

\*Distance as measured from the viewpoint to the closest wind turbine within the simulated photograph's field of view.

\*\*The simulation is at the correct perspective when printed on an 11 inch by 17 inch sheet at full scale, and viewed approximately 21 inches from the eye of the viewer.

Agricola Wind Project

Towns of Venice and Scipio, Cayuga County, New York

Visual Impact Assessment  
Appendix 8-A



VIEWPOINT 89

Owasco Lake

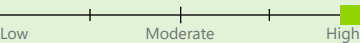


Existing View

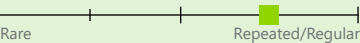
Viewpoint 89 is located along the eastern shoreline at the southern end of Owasco Lake in the Town of Moravia, approximately 1.8 miles from the nearest proposed wind turbine that would be visible in the selected photograph's field of view. This viewpoint occurs in the Owasco Lake LSZ where typical viewers include both local residents and tourists/recreational users. Views in this area are dominated by a broad expanse of water but framed by dense forest along the adjacent and opposite shorelines. In the selected photo, the existing view to the west features the calm waters of the Owasco Lake, which provide an open and unobstructed foreground. Reflection of the sky causes the water in the immediate foreground to appear light blue in color, but gradually transitions to a dark green in the middle ground as it reflects the forested slope on the opposite side of the lake. The middle ground includes the opposite shoreline, which is characterized by forest vegetation interspersed with a line of lightly colored cottages along the shoreline, which also reflect onto the water. The topography rises abruptly from the lake's edge to a densely forested upland. Minor gaps in the background vegetation in the upper left portion of the view allow fields and residences near the top of the upland to peek into view. The horizon is defined by the jagged upper edge of the forest canopy which blocks views of more distant landscape features, and abruptly transitions to the light blue color of the clear sky. Although the expanse of water and strong colors provide visual interest, the limited number of focal features and lack of interesting variation in vegetation and topography results in moderate scenic quality.

Viewpoint Sensitivity<sup>1</sup>:

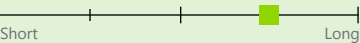
Scenic Quality:



View Frequency:



View Duration:



<sup>1</sup>Viewpoint Sensitivity information is gathered from rating panel results. Scenic Quality and Viewer Exposure indicated in this table reflects all ratings by the rating panel.



Proposed View

With the proposed Facility in place, two wind turbines are fully visible above the wooded ridge on the opposite side of Owasco Lake. In addition to the fully visible turbines, the blades of additional more distant turbines are also visible above the treetops. Movement of these substantially screened turbines will make them more noticeable as the turning blades come in and out of view above the trees. Due to their size and novel form, the turbines compete with the developed features along the lake's shoreline for viewer attention and become the primary focal point of this view. Under the lighting and sky conditions illustrated in the selected photo, the turbines present limited color contrast with the sky. However, their proximity and movement will make them dominant features of the view and introduce wind power as a new and different land use. As such, they alter the character and scenic quality of the existing waterfront view. They will likely be viewed as discordant features by shoreline residents and tourists that value the view as it currently exists.

Visual Contrast Rating Results Summary

Landscape Component	Score	Rating
Landform	1.5	Minimal/Moderate
Vegetation	1.2	Minimal
Land Use	2.5	Moderate/Appreciable
Water	1.5	Minimal/Moderate
Sky	2.5	Moderate/Appreciable
Viewer Activity	2.3	Moderate/Appreciable
Overall Average	1.9	Moderate

Agricola Wind Project

Towns of Venice and Scipio, Cayuga County, New York

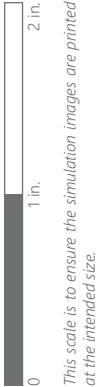
Visual Impact Assessment  
Appendix 8-A



EXISTING VIEW



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



VIEWPOINT 89  
Owasco Lake





*Note: Printed at actual size, the resulting simulation image is 15 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed from a distance 21 inches from the eye of the viewer.*



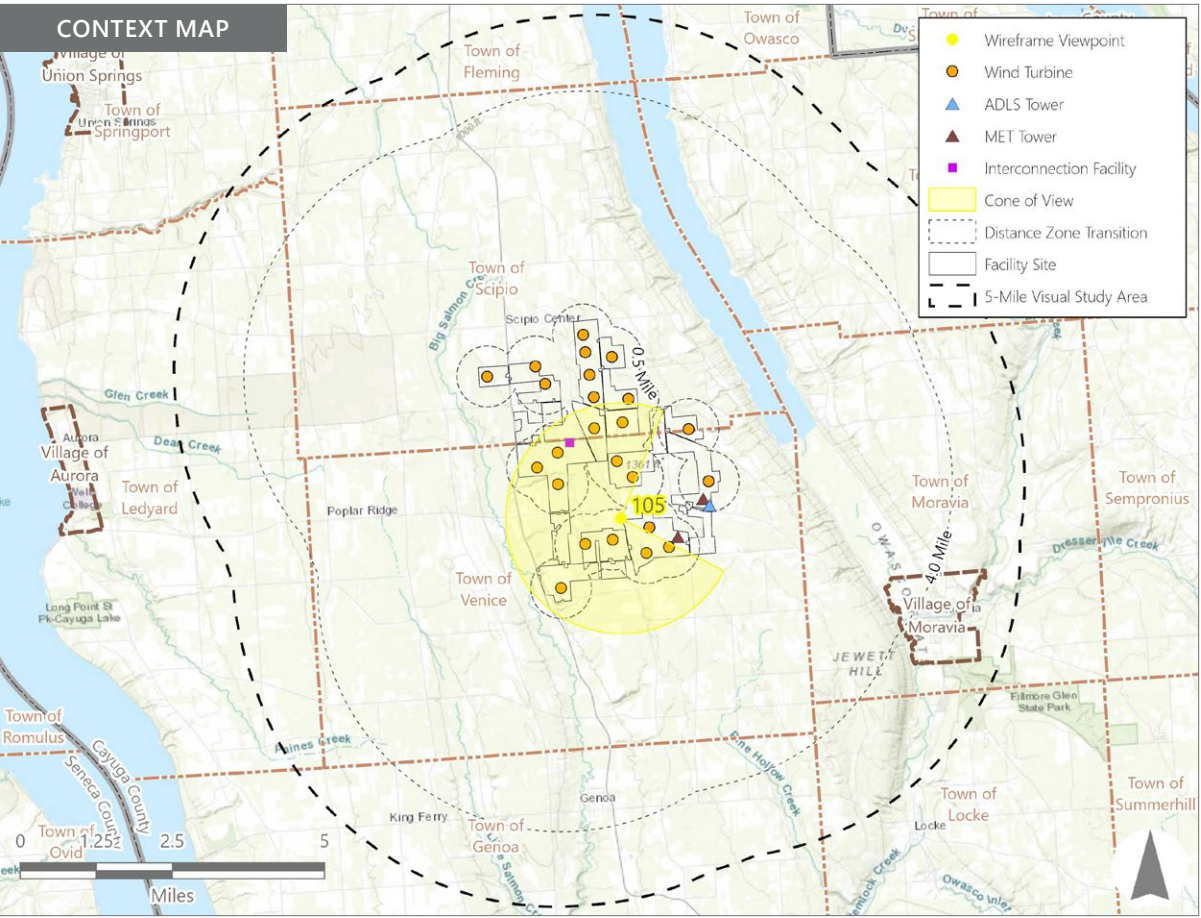
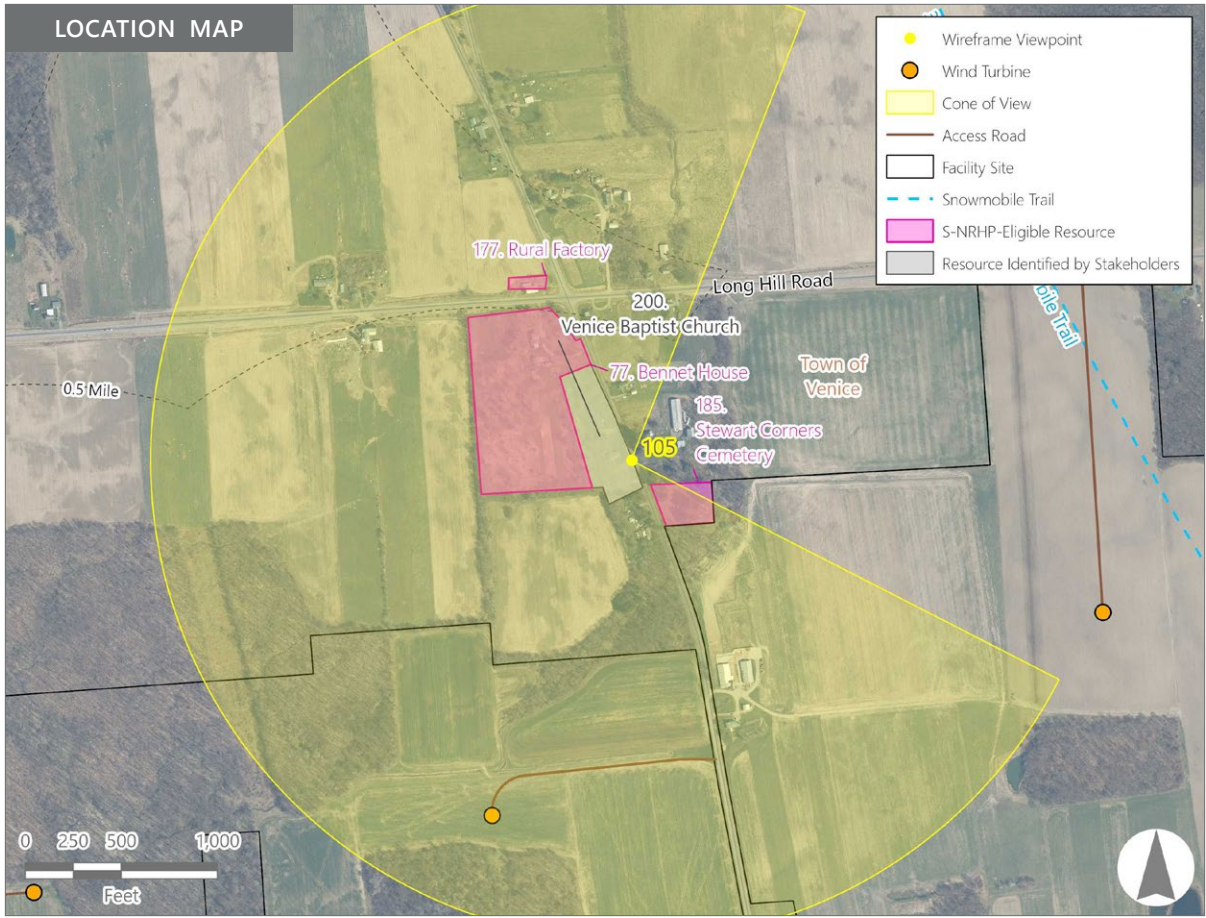
VIEWPOINT 105  
Stewarts Corners Road

LOCATION INFORMATION

Municipality:	Town of Venice
County:	Cayuga
Latitude:	42.73699° N
Longitude:	76.52305° W
Wind Turbine Distance*:	0.2 miles
Distance Zone Represented:	Foreground
Landscape Similarity Zone:	Agricultural/Rural Residential
Viewer/User Group(s):	Local Residents
Visually Sensitive Resource(s):	
VSR ID # 200	Venice Baptist Church



Note: The image above is a panorama composition panning clockwise from southeast (left) to northeast (right). This panorama is the total extent of the wireframe renderings.



PHOTOGRAPH INFORMATION

Date:	August 14, 2024
Time:	1:25 PM
Camera:	Canon EOS 5D Mark IV
Camera Resolution:	30.4 Megapixels
Lens Focal Length (35 mm sensor equivalent):	50 mm
Camera Elevation:	1,293 feet
Field of View**:	264 degrees
Direction of View:	Southeast to northeast
Printed Size:	10 inches x 15 inches
Viewing Distance***:	21 inches

NOTES

\*Distance as measured from the viewpoint to the closest wind turbine within the simulated photograph's field of view.

\*\*The simulated field of view is comprised of multiple single frame simulations, each with a field of view of 39 degrees.

\*\*\*The single-frame wireframe renderings are at the correct perspective when printed on an 11 inch by 17 inch sheet at full scale, and viewed approximately 21 inches from the eye of the viewer.





EXISTING VIEW (1 OF 10)

*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*





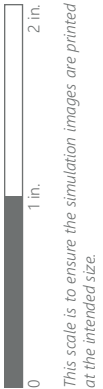
WIREFRAME RENDERING (1 OF 1)

*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*





EXISTING VIEW (2 OF 10)



VIEWPOINT 105  
Stewarts Corners Road

**Agricola Wind Project**  
Visual Impact Assessment, Appendix 8-A, Attachment D



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*





WIREFRAME RENDERING (2 OF 10)

*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW (3 OF 10)

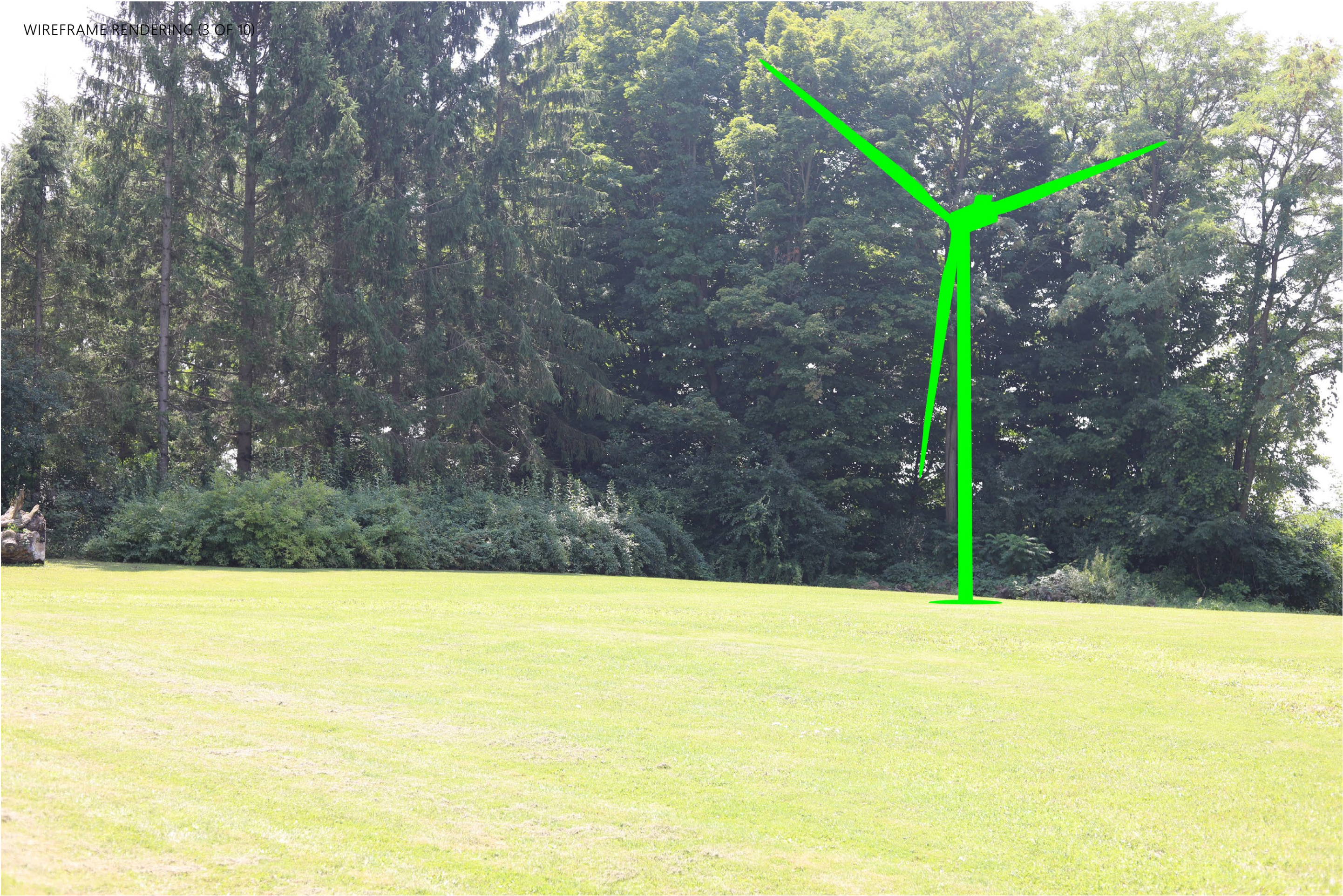


*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



VIEWPOINT 105  
Stewarts Corners Road

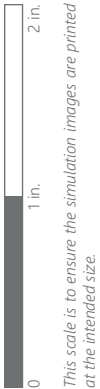




*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW (4 OF 10)



VIEWPOINT 105  
Stewarts Corners Road

*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*





WIREFRAME RENDERING (4 OF 10)

*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW (5 OF 10)



*Note: Printed at actual size, the existing view image is 15 inches wide by 10 inches high. At this size and focal length, the existing view image should be viewed from a distance 21 inches from the eye of the viewer.*



VIEWPOINT 105  
Stewarts Corners Road

**Agricola Wind Project**  
*Visual Impact Assessment, Appendix 8-A, Attachment D*







*Note: Printed at actual size, the resulting wireframe rendering is 15 inches wide by 10 inches high. At this size and focal length, the rendering should be viewed from a distance 21 inches from the eye of the viewer.*



EXISTING VIEW (6 OF 10)



VIEWPOINT 105  
Stewarts Corners Road