



Note: The image above is a panorama photograph taken from South Road in the Town of Fenner panning clockwise from east (left) to southwest (right). The green rectangle represents the extent of the simulated photograph.

VIEWPOINT 54
South Road

VIEWPOINT INFORMATION

Location: South Road

Town: Fenner

County: Madison

Latitude: 42.94408° N

Longitude: 75.76462° W

LOCATION INFORMATION

Distance Zone Represented in View: Foreground

Viewer Distance*: 0.5 mile

Landscape Similarity Zone: Agricultural/Rural
Residential

Viewer/User Group(s): Local Residents

Visually Sensitive Resource(s): Erie Canalway
National Heritage Corridor

PHOTOGRAPH INFORMATION

Date: August 31, 2023

Time: 4:28 PM

Camera: Canon EOS 5D Mark IV

Resolution: 24 Megapixels

Lens Focal Length (35mm equivalent): 50 mm

Camera Elevation: 1,596 feet

Field of View: 39 degrees

Direction of View: South-southeast

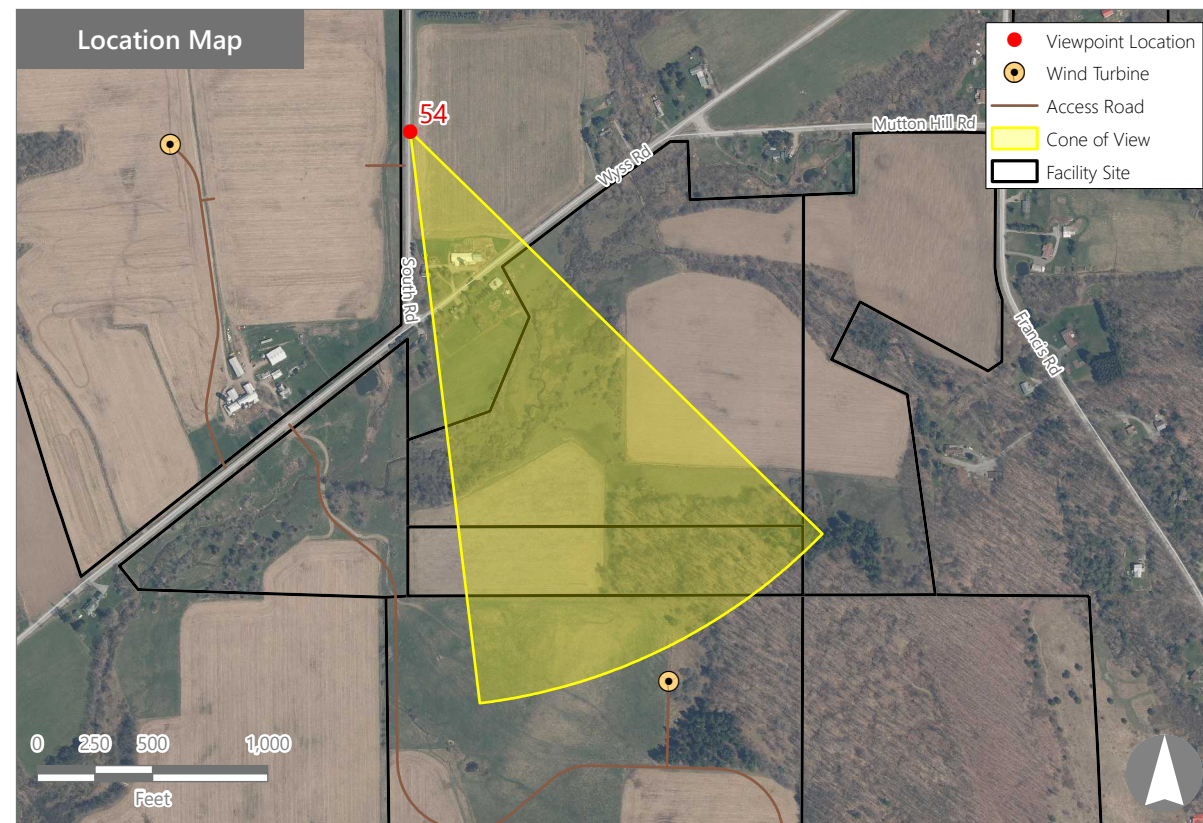
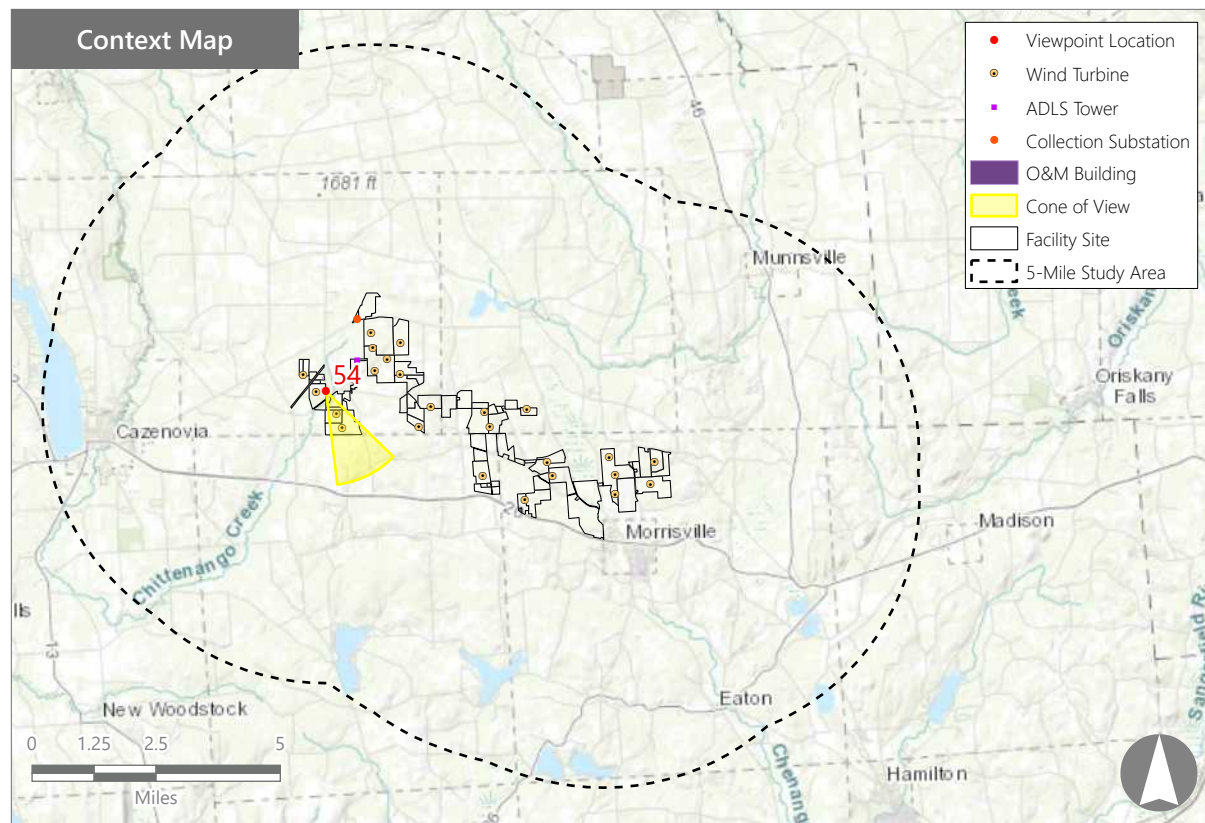
Printed Size: 10" x 15"

Viewing Distance:** 21"

NOTES

*Distance as measured from the viewpoint to the closest wind turbine generator 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.



Hoffman Falls Wind Project

Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York

Visual Impact Assessment
Appendix 8-A

Viewpoint Sensitivity¹:

Scenic Quality:

- Low
- Moderate
- High

Viewer Exposure

Frequency:

- Rare
- Occasional
- Regular/Repeated

Duration of View:

- Short/Brief/Fleeting
- Moderate
- Long

¹Viewpoint Sensitivity information is gathered from rating panel results. Scenic Quality is an average based on Low = 1, Moderate = 2, High = 3. Viewer Exposure reflects all those selected by the review panel.

Contrast Rating Scores²:

Component	Score		Contrast Rating
	Install		
Landform	3.0		Appreciable
Vegetation	2.8		Appreciable
Land Use	2.8		Appreciable
Water	N/A		N/A
Sky	3.2		Appreciable
Viewer Activity	3.2		Appreciable
AVERAGE	3.0		Appreciable

² Contrast Rating Scale: 0.0 - 0.2 (Insignificant), 0.3 - 0.7 (Insignificant/Minimal), 0.8 - 1.2 (Minimal), 1.3 - 1.7 (Minimal/Moderate), 1.8 - 2.2 (Moderate), 2.3 - 2.7 (Moderate/Appreciable), 2.8 - 3.2 (Appreciable) 3.3 - 3.7 (Appreciable/Strong), 3.8 - 4.0 (Strong).

Contrast Rating - Lowest and Highest Scores:

Component	Post - Install	
	Score	
	Low	High
Landform	2.0	3.5
Vegetation	2.0	3.5
Land Use	2.5	3.0
Water	NA	NA
Sky	2.5	3.5
Viewer Activity	2.5	3.5

Existing View



Proposed View (Post Installation)



Existing View

Viewpoint 54 is located on South Road in the Town of Fenner, approximately 0.5 miles from the nearest proposed wind turbine that would be visible in the selected photo's field of view. This high elevation viewpoint is relatively even with the proposed turbine location and occurs in the Agricultural/Rural Residential LSZ. The viewpoint overlooks an area characterized by rolling agricultural lands broken up by woodlots and hedgerows. Due to the generally isolated location away from major highway arterials, the typical viewers at this location would be local residents. In the selected view to the south-southeast, rows of corn at mid height obscure views to the middle ground, however, background hills extend above the crop line. The middle ground descends into a valley, with only the upper portions of trees and agricultural buildings visible in the valley. The upper portion of a silo extending up from the valley is a focal point in the view, but the viewer's eye is also drawn to the opposite hill which occupies the entire background. The hill is slightly above the elevation of the viewer. It is half wooded and half agricultural meadowland, and blocks views of more distant landscape features. Above the ridge line the sky is clear blue and is uninterrupted by foreground trees or overhead wires. The crop line, valley, and horizon present gently rolling lines within the landscape. These are not hard lines because they are broken by the roofs of agricultural buildings and the jagged edges of crops and wood lots. The elevated viewer perspective and the descent of the valley between the viewer and the opposite hill create visual interest and high scenic quality according to the rating panel.

Proposed View

With the proposed Project in place, two wind turbines can be seen extending well into the sky at and beyond the ridgeline that defines the horizon. Some tree clearing to accommodate the turbines has occurred on the background hillside, but the change is not particularly noticeable. However, the height/scale contrast of the turbines relative to the rolling landform and trees on the ridgeline is substantial. A noticeable color contrast of the turbines with the sky also occurs due to lighting conditions; the dark shadow on their near face contrasting with the brightly lit white surfaces and the light blue sky. Due to their proximity to the viewer, and because they are completely unshielded by the ridgeline or any intervening features, details of the turbines are clearly visible and they become the dominant focal points in the view. The contrast of the turbines' vertical lines with the horizontal features of the landscape is slightly reduced by the rolling nature of the foreground and background horizontal features which are further broken by agricultural structures. Because the wind turbines now dominate the view, they alter the character and scenic quality of the view and result in appreciable visual contrast.

Hoffman Falls Wind Project

Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York

EXISTING VIEW



0 1 in 2 in
This scale is designed to insure the simulation images are printed at the intended size.

VIEWPOINT 54
South Road

Hoffman Falls Wind Project
Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York

EDR

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.