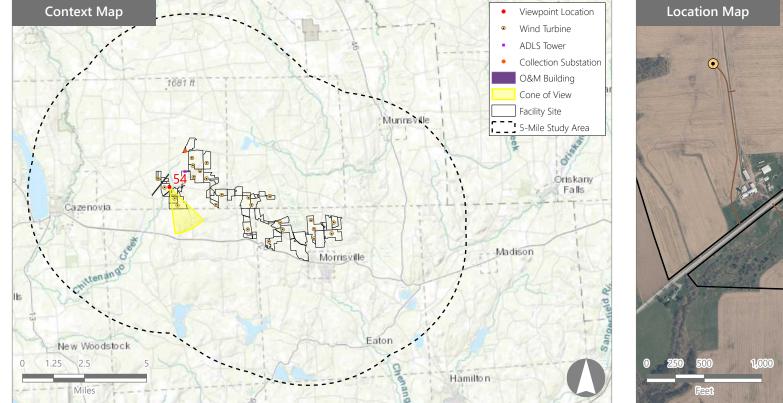
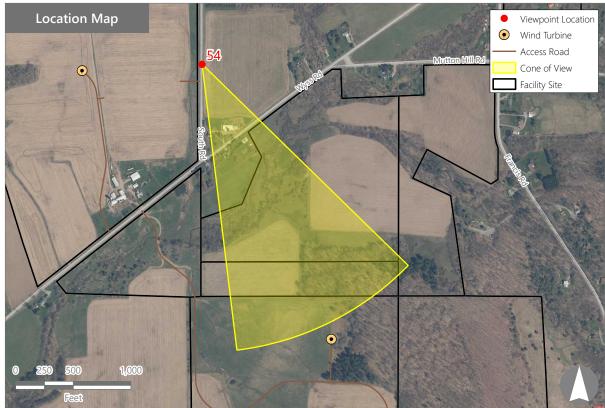
# **Attachment D. Photosimulations and Wireframe Renderings**



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.





# **Hoffman Falls Wind Project**

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

Visual Impact Assessment Appendix 8-A



#### Sheet 74 of 113

# 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.

# Attachment D. Photosimulations and Wireframe Renderings

### Viewpoint Sensitivity<sup>1</sup>:

# Scenic Quality:

- 🗆 Low
- □ Moderate
- 🛛 High

### Viewer Exposure

- Frequency:
  - 🛛 Rare
  - I Occasional
  - **X** Regular/Repeated

Duration of View:

- Short/Brief/Fleeting
- □ Moderate
- 🛛 Long

<sup>1</sup>Viewpoint 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 be the review panel.

Component	Score Install	Contrast Rating	
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:**

Post - Install				
Component	Score			
Component	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 southsoutheast, 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 unscreened 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

Visual Impact Assessment Appendix 8-A







Vote: 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.

