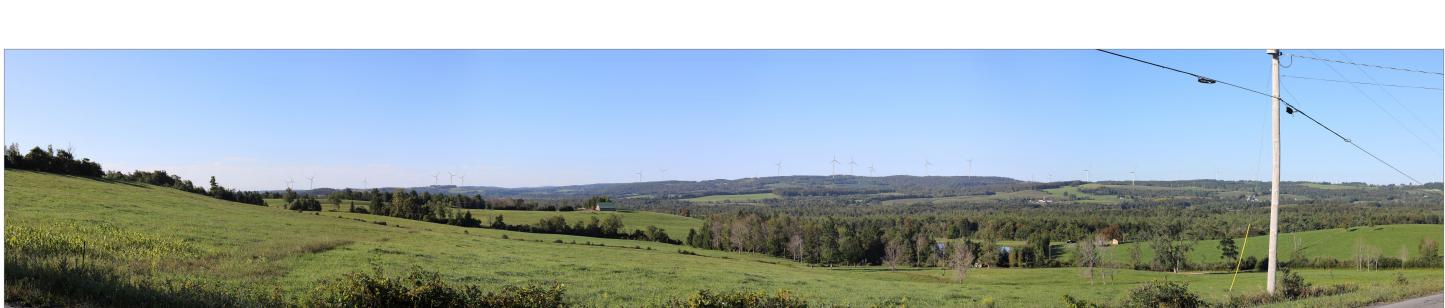
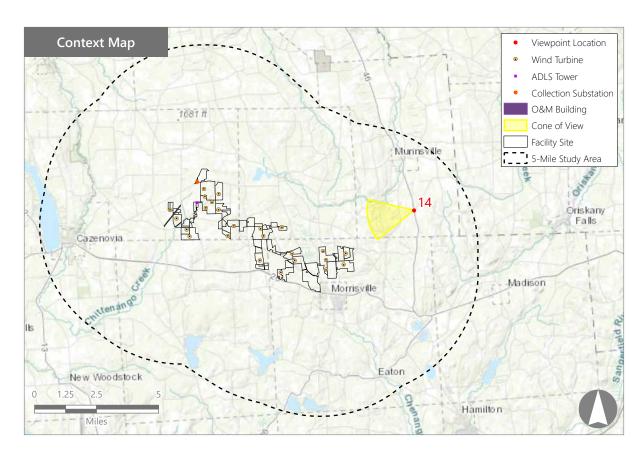
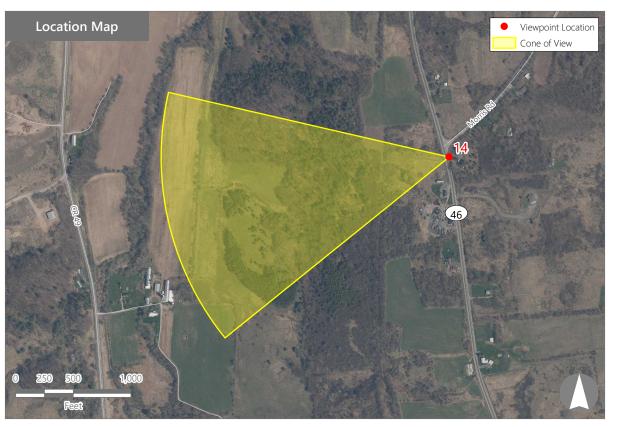
FDR





Note: The image above is a panorama photograph taken from NYS Route 46 in the Town of Stockbridge panning clockwise from southwest (left) to northwest (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

EDR

# **VIEWPOINT 14**

NYS Route 4

#### **VIEWPOINT INFORMATION**

**Location:** NYS Route 46

Town: Stockbridge

County: Madison

**Latitude:** 42.94724° N

**Longitude:** 75.57975° W

#### **LOCATION INFORMATION**

**Distance Zone Represented in View:** Middle

Viewer Distance\*: 3.3 miles

Landscape Similarity Zone: Agricultural/Rural

Residentia

Viewer/User Group(s): Local Residents, Through-

Travelers

Visually Sensitive Resource(s): NYS Route 46, Erie Canalway National Heritage Corridor

#### PHOTOGRAPH INFORMATION

**Date:** August 31, 2023

**Time:** 9:43 AM

Camera: Canon EOS 5D Mark IV

**Resolution:** 24 Megapixels

Lens Focal Length (35mm equivalent): 50 mm

Camera Elevation: 1,082 feet

Field of View: 39 degrees

**Direction of View:** West-Southwest

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.

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

## **Scenic Quality:**

X Low

## **Viewer Exposure**

Frequency:

☐ Rare

☐ Occasional

☑ Regular/Repeated

### **Duration of View:**

☐ Short/Brief/Fleeting

**X** 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.

## Contrast Rating Scores<sup>2</sup>:

Component	Score Install	Contrast Rating	
Landform	0.8	Minimal	
Vegetation	0.8	Minimal	
Land Use	1.3	Minimal/Moderate	
Water	N/A	N/A	
Sky	1.5	Minimal/Moderate	
Viewer Activity	1.3	Minimal/Moderate	
AVERAGE	1.2	Minimal	

 $^2$  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				
Commonant	Score			
Component	Low	High		
Landform	0.5	1.0		
Vegetation	0.5	4.0		
Land Use	1.0	2.0		
Water	NA	NA		
Sky	1.0	2.0		
Viewer Activity	1.0	2.0		

### **Existing View**



### **Proposed View (Post Installation)**



#### **Existing View**

Viewpoint 14 is located on State Route 46 in the Town of Stockbridge, approximately 3.3 miles from the nearest proposed wind turbine that would be visible in the selected photo's field of view. This relatively high elevation viewpoint occurs in the Agricultural/ Rural Residential LSZ but overlooks an area characterized by more abundant woody vegetation. Typical viewers at this location would be through travelers and local residents. In the selected view to the west-southwest, a guardrail at the edge of the highway is a prominent horizontal feature in the immediate foreground. Beyond the guardrail, the land descends into a shallow wooded valley. Forest vegetation is the dominant land cover and extends from the foreground to the distant background. The land rises from the middle ground to a ridgeline where the forest is broken by occasional open fields. Above the ridgeline, the sky is clear blue and uninterrupted by foreground trees or structures. The horizon line, guardrail, and road edge present strong horizontal lines in the landscape, and beyond the road edge, developed features are generally lacking. Elevated viewer perspective and the lack of large trees or structures in the foreground allow for uninterrupted long-distance views from this location. The scenic quality of this view was characterized as variable by the rating panel and indicated to range from low to high.

### **Proposed View**

With the proposed Project in place, multiple wind turbines can be seen extending into the sky at and beyond the ridgeline that defines the horizon. The height/scale contrast of the turbines relative to trees on the ridgeline is notable. But their color contrast with the sky is limited due to lighting conditions, their white color, and distance from the viewer. Because they are closer and essentially unscreened by the ridgeline, turbines in the left half of the view are more prominent than those on the right. Limited color contrast and the effects of distance also reduce the contrast of the turbines' vertical lines with the horizontal features of the landscape. Although the wind turbines represent new focal points that draw viewer attention, the average contrast rating received was minimal indicating they do not significantly change the character or scenic quality of the existing view.

# **Hoffman Falls Wind Project**

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

Visual Impact Assessment Appendix 8-A



VIEWPOINT 14 NYS Route 46

**Hoffman Falls Wind Project**