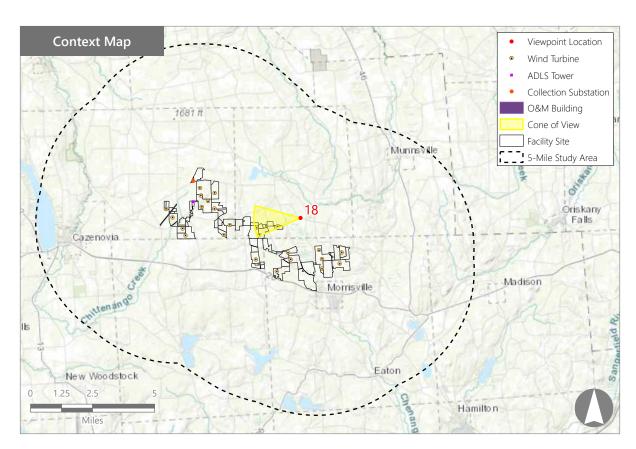
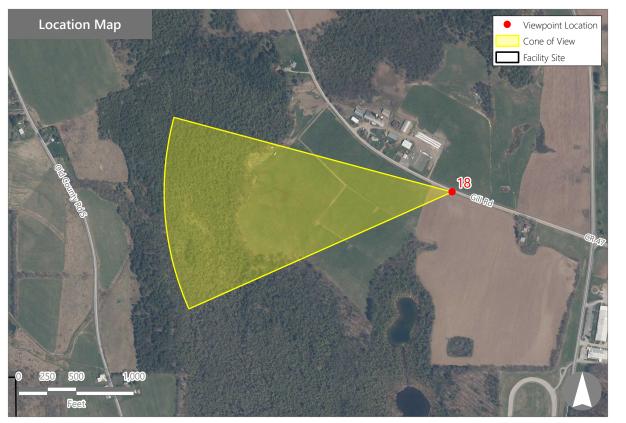


Note: The image above is a panorama photograph taken from Gill Road in the Town of Smithfield panning clockwise from south (left) to northwest (right). The green rectangle represents the extent of the simulated photograph.





Hoffman Falls Wind Project

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

Visual Impact Assessment Appendix 8-A

EDR

VIEWPOINT 18

Gill Road

VIEWPOINT INFORMATION

Town: Smithfield
County: Madison

Location: Gill Road

Latitude: 42.94291° N Longitude: 75.66677° W

LOCATION INFORMATION

Distance Zone Represented in View: Middle

Viewer Distance*: 1.0 mile

Landscape Similarity Zone: Agricultural/Rural

Residentia

Viewer/User Group(s): Local Residents
Visually Sensitive Resource(s): Erie Canalway
National Heritage Corridor

PHOTOGRAPH INFORMATION

Date: August 31, 2023 **Time:** 10:43 AM

Camera: Canon EOS 5D Mark IV

Resolution: 24 Megapixels

Lens Focal Length (35mm equivalent): 50 mm

Camera Elevation: 1,306 feet

Field of View: 39 degrees

Direction of View: West

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 Sensitivity¹:

Scenic Quality:

☐ Low

☑ High

Viewer Exposure

Frequency:

□ Rare

☐ Occasional

☑ Regular/Repeated

Duration of View:

☑ Short/Brief/Fleeting

☒ 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 be the review panel.

Contrast Rating Scores²:

Component	Score Install	Contrast Rating	
Landform	2.5	Moderate/Appreciable	
Vegetation	2.3	Moderate/Appreciable	
Land Use	2.0	Moderate	
Water	N/A	N/A	
Sky	2.8	Appreciable	
Viewer Activity	2.2	Moderate	
AVERAGE	2.4	Moderate/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	1.5	3.0		
Vegetation	1.0	3.0		
Land Use	1.5	3.0		
Water	NA	NA		
Sky	2.0	3.5		
Viewer Activity	1.5	2.5		

Existing View



Proposed View (Post Installation)



Existing View

Viewpoint 18 is located on Gill Road in the Town of Smithfield, approximately 1.0 mile from the nearest proposed wind turbine that would be visible in the selected photo's field of view. This viewpoint occurs in a portion of the Agricultural/Rural Residential LSZ with relatively level topography and a mix of farms, fields, and woodlots. Typical viewers in this location are local residents. In the selected photo, the existing view to the west features a roadside cornfield that extends from the foreground into the middle ground. The field is backed by a horizontal band of trees that represent the edge of a woodlot. The woodlot descends into a valley, and partially screens a mix of fields and forest on undulating hills that extend to the horizon line in the background. Above the rolling horizon line, the uninterrupted sky is clear and light blue in color. The abundance of trees and rolling hills screen any built features, and the view has a strong rural agricultural character and high scenic quality.

Proposed View

With the proposed Project in place, several wind turbines are now visible along the horizon line. The turbines extend well into the sky and their scale contrast with the existing vegetation and landform is notable. Because they are closer to the viewer, the turbines on the left appear larger and their details are more clearly visible. However, their white color and the late morning sun angle minimizes color contrast with the light blue sky. The turbines are prominent new built features in a predominantly undeveloped landscape. Although they present moderate to appreciable line, form, and scale contrast, the distance of the turbines from the viewer limits the effect of the Project on the scenic quality of this working agricultural landscape.

Hoffman Falls Wind Project

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

Visual Impact Assessment Appendix 8-A



Hoffman Falls Wind Project