

Attachment E

Contrast Rating Instructions, Forms, and Panel Information



Visual Contrast Rating Instructions

Project:	Agricola Wind Project
EDR Project No:	21029
Date:	September 12, 2024
Attachments	Attachment A. Photosimulations Attachment B. Contrast Rating Forms Attachment C. KMZ with Project Components and Viewpoint Locations

1.0 Introduction

Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. (EDR) is conducting a Visual Impact Assessment (VIA) for the proposed Agricola Wind Project, located in the Towns of Venice and Scipio, Cayuga County, New York (referred to as the Facility, hereafter). The proposed Facility is a utility-scale wind energy generating project that will include wind turbine generators, meteorological towers, an aircraft detection lighting system tower, operations and maintenance facility, underground collection cables, an overhead collection line, a collection substation and point of interconnection switchyard, an overhead transmission line and associated transmission structures at the point of interconnection, and access road.

These instructions are intended to guide personnel conducting ratings using EDR's visual contrast rating process. Visual Contrast is defined as the difference in color, line, form, and texture between an object (e.g., proposed project) and its surrounding landscape. The contrast can be measured by comparing project features with the major features in the existing landscape. The basic design elements of form, line, color, and texture are used to make this comparison and to describe the visual contrast created by a project. The contrast rating process developed by EDR involves using a short evaluation form and a simple numerical rating system to assign visual contrast ratings to various landscape features by comparing existing condition photographs to photographic simulations (photosimulations). The methodology for this evaluation was developed by EDR in 1999 (and subsequently updated) and is based primarily upon the Bureau of Land Management (BLM) Visual Contrast Rating Process.

1.1 Terminology

The following concepts and terminology related to landscape character and composition are important considerations when describing a view and evaluating the visual contrast of a proposed project with the existing landscape:

- *Form, Line, Color, and Texture:* These are the four primary compositional elements that define landscape character. Form refers to the mass or shape of an object that appears unified; often defined by edge, outline, and surrounding space. Line refers to the path the eye follows when

perceiving abrupt changes in form, color, or texture. Lines are usually evident at the edges of shapes or masses in the landscape. Color refers to the property of reflecting light and is the major visual property of surfaces. Texture in this context refers to the visual surface characteristics of an object. Although all four elements are present in every landscape, they exert varying degrees of influence. The stronger the influence exerted by these elements, the more visual variety there will be in a landscape, which will generally result in a higher degree of scenic quality. However, variety without order (particularly in terms of cultural modifications) may detract from the quality of a view. The extent to which form, line, color, and texture of introduced objects are similar to, or contrast with, these same elements in the existing landscape is a primary determinant of visual contrast.

- *Landscape Features*: to properly assess the contrasts between an existing and proposed view in terms of form, line, color, and texture, it is necessary to break down the landscape into basic features. This study identifies six different landscape features: landform, vegetation, land use, water, sky, and viewer activity.
- *Order*: Natural landscapes have an underlying order determined by natural processes, and cultural landscapes exhibit order by displaying traditional or logical patterns of land use and development. The introduction of unrelated built elements that are inconsistent with the traditional development pattern of cultural landscape or the natural order of natural landscape can create visual clutter that results in visual contrast with the existing landscape. When a new object is introduced to the landscape, intactness and order are maintained through the repetition of the forms, lines, colors, and textures that exist in the surrounding built or natural environment.
- *Focal Point*: Certain natural or man-made landscape features stand out and are particularly noticeable as a result of their physical characteristics. Focal points often contrast with their surroundings in color, form, line scale or texture, and therefore tend to draw a viewer's attention. Examples include prominent trees, mountains, and water features. Cultural features, such as a distinctive barn or steeple can also be focal points. If possible, a proposed project should not be sited so as to obscure or compete with important existing focal points in the landscape.
- *Landscape Composition*: Composition is the arrangement of objects and voids in the landscape that can be categorized by their spatial arrangement. Different landscape compositions are described below. Some landscape compositions, especially those that are distinctly focal, canopied, or feature-oriented, are more vulnerable to modifications than others, depending on how strongly the spatial configuration draws the eye to certain locations.
 - *Panoramic*: a broad, horizontal composition that may include open agricultural fields, expanses and open water, and distant hills or mountain ranges.
 - *Feature*: a composition dominated by a distant objects or cluster of objects, such as a waterfall, prominent landform, or cluster of buildings.
 - *Focal*: a composition where the converging lines in a landscape or a progression of aligned objects attract viewer attention and lead the eye to a focal area in the view.

- *Enclosed*: a view within or at the edge of a forest, where branches and foliage above the viewer create a canopy that results in a sense of enclosure. Enclosed views also can occur in the built environment, such as a view within a parking garage.
- *Atmospheric Conditions*: Clouds, precipitation, haze, and other ambient air-related conditions, which affect the visibility of an object or objects. These conditions can temporarily impact the visibility and contrast of landscape and project components in terms of their form, line, color, and texture.
- *Project Scale*: The apparent size of a proposed project in relation to its surroundings can define the compatibility of its scale within the existing landscape. Perception of project scale is likely to vary depending on the distance from which it is seen and other contextual factors.
- *Spatial Dominance*: The degree to which an object or landscape element occupies space in a landscape, and thus dominates landscape composition from a particular viewpoint.
- *Lighting Direction*: Lighting direction will affect the perceived color of a project's components and can have a significant effect on the visibility and contrast of existing landscape and project elements.
 - *Back lighting*: The light source comes from behind a viewed object. The visible face of the object is generally in shadow and its edge is highlighted.
 - *Front lighting*: The light source comes from in front of a viewed object, resulting in little shadow effect.
 - *Side lighting*: The light source comes from one side of a viewed object. This lighting condition is generally considered most effective for evaluating visual contrast.
- *Movement*: Wind turbine blades are typically rotating around a single axis at the turbine hub. This rotation can draw and hold viewer attention in otherwise static landscapes. When completing the contrast rating, consider how turbine blade movement may influence contrast with landscape features. Additionally, consider how movement of shadows cast by the blades on the ground surface may influence contrast.

2.0 Contextual Information

Information in this section is intended to familiarize you with the proposed Facility, viewpoints selected for photosimulation development, and the existing visual environment (identified viewer/user groups, landscape similarity zones, and visually sensitive resources).

2.1 Facility Components and Viewpoint Locations

The Google Earth file (KMZ) provided will allow you to "tour" the 5-mile radius visual study area and familiarize yourself with the location of Facility features. The KMZ file includes the following information:

- Five-mile radius visual study area;
- Viewpoint locations;

- Photosimulation cone of views;
- The location of proposed Facility components, including wind turbine generators, meteorological towers, aircraft detection lighting system tower, operations and maintenance facility, overhead collection lines, collection substation and point of interconnection switchyard, overhead transmission line centerline, and access roads.

2.2 Landscape Similarity Zones

Defining distinct Landscape Similarity Zones (LSZs) within a given study area provides a useful framework for the analysis of a project's potential visual effects. LSZs within the 5-mile radius visual study area were defined based on the similarity of various landscape characteristics including landform, vegetation, water, and land use patterns in accordance with established visual assessment methods. Six LSZs were identified in the study area and are described below. The identified LSZ for each viewpoint is noted on the context sheet of the simulation attachment.

- **Agricultural/Rural Residential:** Characterized by open agricultural land mixed with low-density residential development and woodlots that is dissected by a network of state, county, and local roads at low elevation.
- **Forest:** Characterized by large, contiguous areas of mixed deciduous and coniferous vegetation. Typical views within this LSZ are short range and include substantial foreground screening. Where open views are available, they are often tightly enclosed by trees and other vegetation, such as views along roadway corridors or in small clearings.
- **Hamlet:** Characterized by traditional development pattern of the 19th and early 20th century consisting of small clusters of residential development along with occasional commercial, religious, and/or municipal structures in a rural setting
- **Owasco Flats:** A wet river bottom floodplain located at the southern end of Owasco Lake, and is characterized by large, inundated areas of herbaceous and/or shrubby vegetation and pockets of open water.
- **Owasco Lake:** This LSZ includes Owasco Lake and its shoreline. Views from the water surface typically include a broad expanse of water in the foreground backed by trees, man-made structures, and wooded hillsides.
- **Village:** Characterized by moderate to high-density residential and commercial development. Buildings and structures are arranged along an organized street pattern that tends to screen outward views and focus views along the main streets.

2.3 Viewer/User Groups

Three Categories of viewer/user groups were identified within the study area and are described below. The primary identified viewer/user group(s) for each viewpoint is noted on the context sheet of the simulation attachment.

- **Local Residents** include those who live and work within the study area. These individuals generally view the landscape from their yards, homes, local roads, schools, and places of employment. Residents' sensitivity to visual quality is variable. However, it is assumed that residents may be very sensitive to changes in views from their homes, yards, and local communities.
- **Through-Travelers** passing through the area view the landscape from motor vehicles on their way to work or other destinations. These viewers are typically moving, have a relatively narrow field of view, and are destination oriented. Travelers' sensitivity to visual quality is variable. However, it is assumed that commuters may be sensitive to changes in views from areas that they travel through on a regular basis, while those traveling to and from more distant locations will generally be less aware and less concerned about visible changes to the landscape.
- **Tourists/Recreational Users** include residents as well as out-of-town visitors involved in recreational activities at locations such as biking, sightseeing, picnicking, kayaking, snowmobiling, or cross-country skiing. Tourists and recreational users will often have continuous but changing views of landscape features over relatively long periods of time. Visual quality may or may not be an important part of the recreational activities for these viewers. However, for many, scenery will serve to at least enhance their recreational experience.

2.4 Visually Sensitive Resources

Visually Sensitive Resources (VSRs) were identified within the study area in accordance with guidance provided by New York State Department of Environmental Conservation (NYSDEC) Program Policy DEP-00-2 *Assessing and Mitigating Visual Impacts* (NYSDEC, 2019) and the requirements of Article VIII. In addition, EDR identified other resources that could be considered visually sensitive based on the type or intensity of use they receive. The categories of VSRs considered in the VIA include properties of historic significance, designated scenic resources, public lands and recreational resources, and high-use public areas, and Native American lands. Any VSR that is in close proximity to a viewpoint will be noted and shown in the maps included on the context sheet for each of the simulations.

3.0 Visual Contrast Rating Instructions

Included in your materials are the photosimulations and context sheets (Attachment A) and visual contrast rating forms (Attachment B). A total of 36 sheets are included in the visual contrast rating form PDF (two for each of the 18 viewpoints). The viewpoint number, viewpoint location, and landscape similarity zone has been populated on each sheet. Additional information on completing the contrast rating forms is described below.

3.1 Existing View Description

Please begin the contrast rating process by describing the existing conditions view in your own words. Your description should incorporate the four primary compositional elements (form, line, color, and texture) and other relevant concepts and terms described in Section 1.1.

3.2 Scenic Quality

Scenic quality can be described as the overall impression of the landscape from a visual perception point of view. Please rate the scenic quality of the existing view (included in the photosimulation attachment) as low, medium, or high. An undeveloped landscape containing a variety of landscape features at different distances from the viewer or a landscape containing one or more aesthetically important structures may be of higher scenic quality than a landscape that appears monotonous or is already impacted by infrastructure or industrial facilities. Note that designation as a scenic or recreational resource is an indication that there is broad public consensus on the scenic value of that particular resource and potentially the viewpoint location. However, the scenic quality rating you assign for the existing view should be based on your individual judgment.

3.3 Sensitivity

Sensitivity in the context of this study is the level of public concern for scenic quality. Factors that will be considered in the study to determine sensitivity include the primary viewer/user group(s) for each viewpoint, exposure to those viewers, and designation as a scenic or recreational area.

Viewer exposure refers to the duration (amount of time) and frequency (how often) that the primary viewer/user(s) will experience a particular view. Your determination of the frequency and duration of the view depends upon your judgement of who the primary viewer/user(s) for each viewpoint may be and the context of the view. Most views will have one dominant viewer/user group. However, if you identify multiple viewer/user groups that you believe are equally dominant, your rating should be based upon the highest frequency/longest duration. Viewer/user groups are identified on the photosimulation context pages to help inform this judgement. If you feel the viewer/user groups identified on the context page is incorrect, please note the viewer/user groups you believe is more appropriate in the “perceived effect on scenic quality and viewer enjoyment” section of the rating form (second sheet), see Section 3.5 for additional information.

Please rate how frequently you expect the primary viewer/user(s) will be to experience this view:

- **Regular/repeated:** indicates that the viewer will experience a view often and on a repeated basis. For example, a view is from a heavily trafficked interstate or state highway (in this instance, the primary viewer/users are through-travelers), or a view from a dense and heavily populated residential neighborhood (in this case, the primary viewer/users are local residents).
- **Rare:** indicates infrequent exposure to a view. For examples, a view from a secluded local road in an agricultural area away from any nearby residences (in this case, the primary viewer/users are local residents), or a view an unremarkable section of a fairly remote hiking trail (therefore, not likely to be experienced by tourist/recreational users on a regular basis).

Please rate the duration you expect the primary viewer/user(s) to experience from this view based upon the view context:

- **Long:** indicates prolonged exposure. For example, a view from a scenic overlook or popular picnicking area in a local park where viewers will generally be stationary for extended periods of

time and attentive to the visual environmental (in this instance, the primary viewer/users are tourist/recreational users), or a view from directly in front of several residences on a quiet cul-de-sac (in this case, the primary viewer/users are local residents).

- **Short:** indicates brief exposure. For example, a view from a trail through a small break in the vegetation that is not particularly noteworthy or scenic (primary viewer/users are tourists/recreational users) or a view from a state or interstate highway that is not oriented in the direction of travel (in this case, the primary viewer/users are through-travelers and will be traveling at high speeds and will likely be focused on roadway conditions in the direction of travel).

3.4 Visual Contrast Rating

Please rate the contrast you perceive between major landscape features (landform, vegetation, land use, water, sky, and viewer activity) in the existing view photograph and the photosimulation of the Facility, where:

0 = Insignificant/None

1 = Minimal

2 = Moderate

3 = Appreciable

4 = Strong

If a particular landscape feature is not part of the view (i.e., there are no discernable water bodies), please note "N/A" in the rating score field. Please make use of 0.5 increments to allow for more accurate ratings (e.g., 2.5 = Moderate to Appreciable Contrast). Please also describe the factors that contribute to, or affect, the proposed Facility's degree of contrast with each landscape component (see terminology and concepts described in Section 1.1). Please consider the following for each landscape component:

Landform: Please consider the effect of the proposed Facility relative to the appearance of the landform/topography, the edge of the line, the strength and range of color, the density of relief, the space as defined by the landform, and its perceived scale.

Vegetation: Please consider the effect of the proposed Facility relative to the form(s) and variety of vegetation, the edge of its lines, the range of color, the density of texture, space as defined by the vegetation, and the vegetation's hierarchy/diversity of scale.

Land Use: Please consider the effect of the proposed Facility relative to the appearance of identifiable land use(s) in the view and evaluate the degree to which the project is compatible with the appearance of those land use(s).

Water: Please consider the effect of the proposed Facility relative to the appearance of water features in terms of the shape of the water body(ies), edges of its (their) lines, clarity

of color, texture (which refers here to evidence of movement) degree of enclosure around the feature(s); and the scale or extent of water in the view.

Sky: Please consider the effect of the proposed Facility relative to the appearance of the sky in terms of its expanse (i.e., degree of openness or enclosure, and the scale, or extent of the sky in the view), integrity of horizon line, and color (including the appearance of clouds).

Viewer Activity: Please consider the effect of the proposed Facility on likely viewer activity at the selected viewpoint, including the viewer's perception/appreciation of scenic quality and potential enjoyment of the view, taking into account the viewpoint location and context, viewer type, and viewer exposure.

3.5 Perceived Variability

3.5.1 *Variable Factors That May Have Influenced Contrast Rating*

Please described any conditions, based on what is visible in the photographs, that, if different, could influence the perceived degree of contrast between the proposed Facility and the existing features of the landscape (i.e., atmospheric, seasonal, or lighting conditions).

3.5.2 *Perceived Effect on Scenic Quality and Viewer Enjoyment*

Please summarize your evaluation of the proposed Facility's overall effect on the appearance of the selected view, taking into account the viewpoint location and context, sensitivity, scenic quality, primary and secondary viewer/user groups. Additionally, if you feel that the viewer/user groups identified on the context pages are not correct, please note the viewer/user groups you have identified here.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 2
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view depicts an early spring agricultural area with several abutting fields. The fields appear as a soft texture with gold to brown colors dominating. Terrain is predominately flat to gently rolling. The view includes a sparsely vegetated hedge row and leaf-off deciduous and evergreen woodlots at the distant rear of the view. The immediate foreground to the right of the frame is a rural roadside swale, small white post office with pitched roof, and a small parking lot. Additional foreground mature deciduous and evergreen trees frame the view. The bright sky has thin cloud cover with very light blue to white color.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	3	The angular vertical forms of the vertical wind turbines contrast with the horizontal nature of the terrain and open fields.
Vegetation	3	The dominant patterns of the existing vegetation in the mid and rear of the view is one of large patches of mature trees, arranged horizontally in the view. The proposed wind turbines are set far apart from one another, which introduces a visual contrast with a more randomized pattern of vertical focal points. Some vegetation clearing is evident in the distance. The turbines are of much greater scale than the vegetation.
Land Use	3	The existing agricultural uses in the view do not include prominent utility components.
Water	NA	None visible
Sky	3	The soft and light colors of the sky are disrupted by the dark, angular, and vertical forms of the wind turbines.
Viewer Activity	3	For those traveling on the adjacent rural road, the introduction of many focal elements into the view will shift attention from the broad horizontal expanse of the agricultural landscape. Viewers in the nearby residences may experience greater awareness of the change as the turbines will be visible across a broad expanse of the horizon.
Total	15	Total all scores above
Average	3.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 2

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day without significant cloud cover. The sun is off frame the left and somewhat ahead of the viewer which throws the turbines into a darker silhouette against a bright sky. With different weather or atmospheric conditions, the turbines in the distance may not be visible at all, and those in the middle distance may visually fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, which may offer additional softening in the view due to a range of green colors in the composition.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the randomized pattern and verticality of proposed wind turbines contrasts with the visual consistency and horizontality of the landscape and topography. The overall effect on the scenic quality of the view is somewhat softened by the attractive agricultural fields remaining in the view. The effect on different user groups may vary with the duration of exposure. Specifically, passing drivers on the roadway will experience a relatively short view duration, while local residents will experience long view duration yielding greater sensitivity to the visual changes. It is also noted that several S-NRHP-Eligible Resources (ie Scipio Rural Cemetery) are in the vicinity, from which viewer sensitively may also be greater than for typical drivers on the roadway. The rotation and movement of the blades may increase the viewers' awareness of the development as well.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 4
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view is of an expansive agriculturally dominated landscape without discernible visual traces of development, utility wires, agricultural buildings or other built structures in late winter / early spring. The fore and middle ground depict an agricultural area, with post-harvest crop residue. The mid ground includes two clusters of mature trees - one deciduous (leaf off) and one evergreen. The flat terrain with additional agricultural fields extend into the distance to a distant tree line which encloses the view. The ground plane is light brown to green, and is primarily visually soft. The bright sky has thin cloud cover with very light blue to white color.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	3	The angular vertical forms of the vertical wind turbines contrast with the horizontal nature of the terrain and open fields.
Vegetation	3	The dominant patterns of the existing vegetation in the mid and rear of the view is one of large patches of mature trees. The background trees are arranged horizontally in the view, with the mid ground trees offering some verticality. The proposed wind turbines are set far apart from one another and are visually randomized across throughout the view. The vegetation contrasts with the existing vegetation and introduces vertical focal points. The turbines are of much greater scale than the vegetation.
Land Use	3.5	The existing agricultural uses in the view do not include additional constructed forms. The introduction of many turbines (built forms) introduces visual and land use contrast within this context.
Water	NA	None visible
Sky	3	The soft and light colors of the sky are disrupted by the angular and vertical forms of the wind turbines, some of which are shadowed.
Viewer Activity	3	For those traveling on the adjacent rural road, the introduction of many focal elements into the view will shift attention from the broad horizontal expanse of the agricultural and natural landscape. Viewers in the nearby residences may experience greater awareness of the change as the turbines will be visible across a broad expanse of the horizon.
Total	15.5	Total all scores above
Average	3.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 4

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day without significant cloud cover. The sun is off frame to the left and somewhat ahead of the viewer which throws the turbines into a darker silhouette against a bright sky. With different weather or atmospheric conditions, the turbines in the distance may not be visible at all, and those in the middle distance may visually fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, which may offer additional softening in the view due to a range of green colors in the composition, and the mid ground deciduous trees in-leaf may also help to buffer the view of the turbines in the landscape beyond.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the randomized pattern and verticality of proposed wind turbines contrasts with the visual consistency and horizontality of the landscape and topography. The effect on different user groups may vary with the duration of exposure. Specifically, passing drivers on the roadway will experience a relatively short view duration, while local residents will experience long view duration yielding greater sensitivity to the visual changes. It is also noted that a recreational snow mobile trail is marked on the provided base map. Users of this trail in the winter may perceive greater change to the scenic enjoyment of the existing agricultural / naturalized landscape than for typical drivers on the roadway as they will be closer to the proposed development.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 8
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts an agricultural field, rising gently from a roadside and swale on the left of the image toward a distant ridge which is enclosed by mixed leaf-off deciduous and evergreen mature vegetation. The season is late winter / early summer. The fore and mid ground fields include field residue from the prior season's harvest and is just beginning to display light green growth. The striped roadway to the left of the image includes signage and overhead utility wire hung from wood poles. Several buildings are in the background adjacent to the roadway, including agricultural storage buildings and a white farm house. The blue sky is almost completely clear of clouds.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	3	The soft rolling terrain and generally horizontal lines of the existing photo contrast against the angular and vertical wind turbines and blades.
Vegetation	3	The proposed wind turbines and blades cut scale the existing vegetation in the view. The randomized pattern of the proposed structures contrast against the organization of the long bands of existing vegetation and large open field.
Land Use	2	Utility uses in the majority of this agricultural view are absent. However, because there is already utility infrastructure adjacent to the roadway and development associated with the buildings, the proposed structures cannot be said to contrast more than they could have otherwise.
Water	NA	None visible
Sky	2.5	The hard and angular lines of the proposed turbines and blades contrast against the visually soft and clear and relatively uninterrupted blue sky.
Viewer Activity	2.5	For those traveling on the adjacent rural road, the introduction of many focal elements into the view will shift attention from the expanse of the agricultural and natural landscape. Viewers in the nearby residence and buildings may experience greater awareness of the change as the turbines will be visible across a broad expanse of the horizon, and are out of scale with other development in the view.
Total	13	Total all scores above
Average	2.6	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 8

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day without significant cloud cover. The sun is behind the viewer, which illuminates the bright white blades of the structures. With different weather or atmospheric conditions, the structures in the distance may be less visible or fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially on the tree line in the back of the view which may offer additional softening in the view due to the range of green colors in the composition and may buffer portions of the proposed turbines in the distant landscape.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the randomized pattern, verticality, and angularity of proposed wind turbines contrasts with the visual consistency and gentle horizontality of the landscape and topography. The proposed structures are of much greater scale than other built or natural forms in the landscape. The structures closest to the viewer are perceived as particularly out of scale. Rotation of the blades will increase their visibility and perception. The effect on different user groups may vary with the duration of exposure. Passing drivers on the roadway will experience a relatively short view duration, while local residents will experience long view duration yielding greater sensitivity to the visual changes. It is also noted that the Venice Center Pavilion is just behind the viewpoint on the provided base map. Users of this facility may perceive greater change to the scenic enjoyment of the existing agricultural / naturalized landscape than for typical drivers on the roadway due to duration of exposure.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14A
VIEWPOINT LOCATION: Burns Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts an agricultural field, falling slightly from a roadside on the left of the image. The season is late winter / early summer. The foreground and mid ground agricultural field is visually uniform with light brown color, soft texture, and flat terrain and is relatively uninterrupted across the entire width of the image. The background of the view is contained by tree lines of leaf-off mixed deciduous and evergreen vegetation at the horizon. Additionally, large scale utility structures are visible at the distant horizon near the center of the image. Structures are primarily red and white tall steel towers. The blue sky is completely clear of clouds.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	3.5	The horizontality and visual consistency of the existing landform is contrasted by the proposed utility structures' layout, scale, color, verticality and angularity.
Vegetation	3.5	The proposed wind turbines and blades cut scale the existing vegetation in the view. The randomized pattern of the proposed structures contrast against the organization of the long bands of existing vegetation and consistent large open field.
Land Use	2	Utility uses in the majority of this agricultural view are absent. However, because there is already large scale utility infrastructure toward the rear of the view, the proposed structures cause less land use contrast than they could have otherwise.
Water	NA	None visible
Sky	3	The hard and angular lines of the proposed turbines and blades contrast against the visually soft and clear and relatively uninterrupted blue sky.
Viewer Activity	3	For those traveling on the adjacent rural road, the introduction of many focal elements into the view will shift attention from the expanse of the agricultural and natural landscape. Turbines will be visible across a broad expanse of the horizon, and are out of scale with other development in the view, especially those closest to the viewer.
Total	15	Total all scores above
Average	3.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14A

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day without significant cloud cover. The sun partially illuminates the structures, turbines, and blades. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially on the tree lines in the back of the view which may offer additional softening in the view due to the range of green color in the composition and may buffer portions of the proposed turbines in the distant landscape.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the randomized pattern, verticality, and angularity of proposed wind turbines contrasts with the visual consistency and horizontality of the landscape and topography. The proposed structures are of much greater scale than other built or natural forms in the landscape. The structures closest to the viewer are perceived as particularly out of scale. Passing drivers on the roadway will experience a relatively short view duration. Rotation of the blades may increase viewer perception of the proposed development.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14B

VIEWPOINT LOCATION: Burns Road

LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)

☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts a patchwork rural landscape composed of late winter / early spring active agricultural fields in the foreground and distance, woodlots, fallow agricultural fields, and rural / agricultural development. The near agricultural field in the fore to mid ground includes light brown spiky debris from the prior season's harvest, along with patches of white snow. At the far left of the image is a small pond surrounded by a wire fence. Passing left to right in the image is a line of overhead utility wires supported by wood utility poles. The position of the viewer is slightly elevated, with terrain falling into a distant valley before rising to a low ridge at the horizon. The view is quite open, with minimal leaf off mature deciduous vegetation obscuring the horizon. The sky is blue to gray and lightly covered by soft thin cloud cover.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.

Component	Score	Description of Contrast
Landform	3	The horizontality of the existing landforms is contrasted by the proposed utility structures' layout, scale, color, verticality and angularity.
Vegetation	2.5	The proposed wind turbines out-scale the existing vegetation in the view, and the white color stands out from the earth tone trees. The proposed collection substation in the view is more in scale with the existing vegetation, but still contrasts due to its color, texture, line, and pattern.
Land Use	2.5	Utility uses in the majority of this agricultural scene are absent, and where they are visible, are minor. The proposed project creates new focal elements in the patchwork landscape which contrast with the view of the settlement patterns in the valley beyond.
Water	1.5	The proposed utility elements are primarily vertical, while the existing pond is primarily horizontal and subtle. The lighter colors reflected by the water sheet relate to the brighter white of the proposed turbine structures which are themselves illuminated by the sun.
Sky	2.5	The hard and angular lines of the proposed turbines and blades contrast against the visually soft and clear and relatively uninterrupted blue sky.
Viewer Activity	3	The expanse of the existing view is disrupted by the addition of the proposed structures by adding a strong focal point in the center of the view which commands attention.
Total	15	Total all scores above
Average	2.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14B

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day with thin cloud cover. The sun illuminates the structures, turbines, and blades and collection substation. With different weather or atmospheric conditions, the turbines may be less visible or fade into the sky due to their white color, and may soften the hardness of the collection substation. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially in the agricultural field in the foreground and on the tree lines in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may buffer the lower level portions of the proposed collection substation.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the installation is prominent and central in an otherwise expansive view. The pattern, verticality, and angularity of the proposed wind turbines and collection substation contrasts with the existing view and adds a focal point. The structures closest to the viewer are perceived as particularly out of scale. For passing drivers on the roadway, the scenic quality of the view will be diminished by the installation, but they will experience a relatively short view duration.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 24

VIEWPOINT LOCATION: Hill Road

LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)

☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The dominant lines in the foreground are that of a straight striped rural roadway with paved shoulders, running from the lower right of the image to the left where it passes to the horizon. The roadway corridor includes a mailbox, small scale utility equipment, and a white single story wood frame house in the distance. Beyond the roadway in the mid ground is an agricultural field which is visually uniform with light brown color, soft texture, and flat terrain and is relatively uninterrupted. The background of the view is contained by tree lines of mixed deciduous and evergreen vegetation at the horizon, along with additional agricultural structures including a silo and the roof of a barn. Some white snow patches are still visible on the ground. The sky is blue to gray and lightly covered by soft thin cloud cover.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.

Component	Score	Description of Contrast
Landform	2	The horizontality of the existing landform is contrasted by the proposed utility structures' layout, scale, color, verticality and angularity.
Vegetation	2.5	The proposed wind turbines out-scale the existing vegetation in the view, and the white color stands out from the earth tone trees.
Land Use	2	Utility uses in the majority of this agricultural scene are absent, and where they are visible, are very minor. The proposed project creates new focal elements in the landscape, but the view remains agriculturally dominated.
Water	NA	None visible
Sky	2	The hard and angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky.
Viewer Activity	1.5	The expanse of the existing view is disrupted by the addition of the proposed structures by adding randomized focal points spread across the foreground and horizon.
Total	10	Total all scores above
Average	2.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 24

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day with thin cloud cover. The sun illuminates the structures, turbines, and blades, and the metal lattice shapes of the taller ALDS towers. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more vegetation, especially in the agricultural field in the foreground and on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may buffer the lower level portions of the proposed turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

The installation is visually prominent. The pattern, verticality, and angularity of the proposed wind turbines and ALDS towers contrast with the existing view and add multiple focal points to the landscape. The structures closest to the viewer are perceived as particularly out of scale, and their rotation will be more perceived than those in the distance. For passing drivers on the roadway, the scenic quality of the view will be diminished by the installation, but they will experience a relatively short view duration.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 28
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view shows a rural road passing agricultural fields, farm development, and a small rural cemetery. The right side of the image contains a striped straight rural road passing into the distance to the horizon. Overhead utility wires are supported by wood poles, and are visible along the roadside and passing into the distance. The foreground to the left of the image includes a post harvest agricultural field, with crop residue. As the photo was taken in late winter / early spring, the ground includes some snow cover along the road as well as thin green fresh growth in the fields. The flat terrain extends to the horizon which includes a cluster of silos, barns, and mixed deciduous and evergreen vegetation. A small rural cemetery is also visible near the horizon at the center of the image. The sky is blue to gray and lightly covered by thin cloud cover.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	The horizontality of the existing landform is contrasted by the proposed utility structures' layout, scale, color, verticality and angularity. The distance to the installation reduces viewer perception.
Vegetation	1.5	The pattern and layout of the proposed wind turbines somewhat resembles the sparse vegetation on the horizon, but they out-scale the existing vegetation.
Land Use	2	The majority of the view is a productive agricultural land use, and the proposed wind turbines contrast with this primary land use.
Water	NA	None visible
Sky	2	The hard and angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky.
Viewer Activity	2	The expanse of the existing view is disrupted by the addition of the proposed structures by adding randomized focal points across the horizon.
Total	9	Total all scores above
Average	1.8	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 28

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun casts the structures, turbines, and blades into silhouette. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially in the agricultural field in the foreground and on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors and may buffer the lower level portions of the proposed turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

From this view, the randomized pattern, verticality, and angularity of proposed wind turbines contrasts with the visual consistency and horizontality of the landscape and topography. The proposed structures are of much greater scale than other built or natural forms in the landscape. However, they somewhat blend into elements punctuating the horizon due to the distance between the proposed development and the viewpoint which somewhat mitigates the scale contrast. Passing drivers on the roadway will experience a relatively short view duration. The effect on different user groups may vary with the duration of exposure. Specifically, passing drivers on the roadway will experience a relatively short view duration, while local residents and visitors to the S-NRHP-Eligible Cornwall Cemetery will experience long view duration, and greater perception of the turbine rotation which will yield greater sensitivity to the visual changes.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 36
VIEWPOINT LOCATION: Indian Field Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts an expansive view of a rural landscape. The patchwork rural landscape is composed of late winter / early spring active agricultural fields in the foreground and distance, leaf-off woodlots, fallow agricultural fields, and rural / agricultural development. The near agricultural field in the fore to mid ground is carpeted by light brown spiky debris from the prior season's harvest. The lower left of the image includes a striped paved rural road. The position of the viewer is elevated, with terrain falling toward a distant valley before rising to a low ridge at the horizon. The sky is blue and cloudless.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2	The horizontality of the existing landform is contrasted by the proposed utility structures' layout, scale, color, verticality and angularity. The distance to the installation reduces viewer perception.
Vegetation	2	The pattern and layout of the proposed wind turbines contrasts against the long horizontal bands of vegetation running along the hillside and valley in the distance. They are also of much greater scale than the existing vegetation.
Land Use	1.5	The majority of the view is a productive agricultural land use, and the proposed wind turbines contrast with this primary land use.
Water	NA	None visible
Sky	1.5	The angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky. The distance from the view point, and white color of the turbines and lighter sky near the horizon mitigate the contrast to some degree.
Viewer Activity	1.5	The expanse of the existing view is disrupted by the addition of the proposed structures by adding randomized focal points across the horizon. Again, the distance from the view point somewhat mitigates the contrast.
Total	8.5	Total all scores above
Average	1.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 36

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun brightens the structures, turbines, and blades which helps them to visually blend into the lighter blue / white sky closest to the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially in the agricultural field in the foreground and on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may buffer the lower level portions of the proposed turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

From this view and distance, the reduction of scenic quality is not as great as viewpoints which are closer to the proposed development. The installation is visible across an extensive view of the landscape. The pattern, verticality, and angularity of the proposed wind turbines contrasts with the existing view and adds multiple focal points across the horizon. For passing drivers on the roadway, the scenic quality of the view will be diminished by the installation, but they will experience a relatively short view duration. It is also noted that a recreational snow mobile trail is marked on the provided base map. Users of this trail in the winter may perceive greater change to the scenic enjoyment of the existing agricultural / naturalized landscape than for typical drivers on the roadway.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 38
VIEWPOINT LOCATION: Center Road
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view primarily depicts rural agricultural fields, wood lots, a wood frame residence and barn structure. The image is photographed in late winter / early spring with some early greening of the mown fields evident. The left of the image includes a striped rural road and gravel shoulder, which disappears over a ridge in the distance. Along the roadway and framing the foreground of the view are overhead utility wires supported by wood utility poles. A gravel driveway bisects the view horizontally in the foreground. The residence and barn are in the mid ground, with simple architectural forms and light tan color which somewhat resembles the yellows and light browns of the surrounding fields. In the distance, the view is contained by mixed evergreen and leaf-off deciduous tree lines and wood lots. Terrain is very gentle, rising slightly toward the distance, and emphasizes the predominate horizontality of the image. The sky is blue and almost cloudless.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2	The existing landform is predominately flat, consistent, and horizontal. The proposed project elements are vertical, angular, and arranged in a randomized pattern.
Vegetation	2	Existing vegetation appears as a relatively consistent with horizontal band at the rear of the image, with other vegetation appearing to frame the image. The pattern, angularity, and scale of the proposed wind turbines and blades contrast with the vegetation in the view.
Land Use	1.5	The majority of the view is a productive agricultural land use, and the proposed wind turbines contrast with this primary land use. The residential uses in the view contrast with the energy production use of the proposed project, though is somewhat buffered due to distance.
Water	NA	None visible
Sky	1.5	The angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	1.5	The view is disrupted by the addition of the proposed structures by adding randomized focal points across the horizon, in particular from the residence in the view. Again, the distance from the view point somewhat mitigates the contrast.
Total	8.5	Total all scores above
Average	1.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 38

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun brightens the structures, turbines, and blades which helps them to visually blend into the lighter blue / white sky closest to the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially in the agricultural field in the fore and mid ground and on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may buffer the lower level portions of the proposed turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

The provided materials indicates the proposed turbines are three miles from the viewpoint, which helps to mitigate their visual contrast. From this view and distance, the reduction of scenic quality is not as great as viewpoints which are closer to the proposed development. The installation is visible across a wide view of the landscape. The pattern, verticality, and angularity of the proposed wind turbines contrasts with the existing view and adds multiple focal points across the horizon. The anticipated constant rotation of the blades will provide a dynamic element across a large portion of the view from the residence. The movement will attract viewer attention and strengthen focus on the proposed turbines and blades for those experiencing a longer view duration. For passing drivers on the roadway, the scenic quality of the view will be diminished by the installation, but they will experience a relatively short view duration.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 51
VIEWPOINT LOCATION: State Route 90
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts a rural agricultural roadside, rolling fields with wood lots beyond, and a distant wooded ridge line. The image is photographed in late winter / early spring with minor early greening of the harvested agricultural fields evident. The striped edge and narrow shoulder of the roadside is visible at the extreme bottom of the image. Overhead utility wires are overhead above the road. The foreground to mid ground is an agricultural field, which appears to have been harvested the prior year, with light yellow to light brown crop residue evident. The terrain is moderate, falling toward the right of the image. The tree line at the back of the field is leaf-off deciduous and mixed maturity. In the distance is a low ridge dominated by woodlots and includes some farm structures and fields. The sky is bright blue, and almost cloudless.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The proposed project elements in the distance are vertical, angular, and arranged in a randomized pattern. The landform is rolling smoothly.
Vegetation	1	The tree line and woodlots are visually soft, and composed of grays and brown colors while the proposed turbines and blades are bright white, angular and hard-lined.
Land Use	1	The majority of the view is a productive agricultural land use, with a patchwork of fields, woodlots and development visible in the distance. The proposed wind turbines and energy production uses contrast with these uses.
Water	NA	None visible
Sky	.5	The angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	.5	The view is disrupted by the addition of the proposed structures by adding focal points to the horizon. Again, the distance from the view point somewhat mitigates the contrast.
Total	4	Total all scores above
Average	0.8	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 51

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun brightens the structures, turbines, and blades which increases their visibility against the darker blue sky. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially in the agricultural field in the fore and mid ground and on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may reduce visibility of the proposed turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

The turbines are more than three miles from the viewpoint, which is the primary mitigating factor from this viewpoint. From this view and distance, the reduction of scenic quality is not as great as viewpoints which are closer to the proposed development. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and adds focal points on the horizon. For passing drivers on the roadway, the scenic quality of the view will be diminished by the installation, but they will experience a relatively short view duration. It is noted that the viewpoint is taken from a State Scenic Byway, close to the Hamlet of Genoa Historic District, which increases the sensitivity of changes to its scenic quality.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 62
VIEWPOINT LOCATION: Owasco Bluffs Nature Preserve
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image depicts an agricultural field in the foreground, with a leaf-off tree line at the back of the field, with views of a distant ridge line visible through the scrim of branches in the tree canopy. The image is photographed in late winter / early spring with minor early greening of the harvested agricultural fields evident. The mown agricultural field in the foreground appears soft and consistent, and is primarily brown to orange in color. The tree line at the rear of the field is deciduous and mature. The distant ridge line is blue to gray. The sky is blue fading to white at the horizon without significant cloud cover.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The horizontality of the existing landform contrasts against the verticality and sharp angles of the proposed installation.
Vegetation	.5	The texture of the tree canopies in the distance filters views of the turbine blades. The colors of the trees and the turbine blades appear to be aligned with the tree tops.
Land Use	.5	The foreground view is a productive agricultural land use. The proposed wind turbines and energy production uses contrast with this use, but low visibility of the turbines and blades somewhat mitigates this contrast.
Water	NA	Non visible.
Sky	1	The angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	.5	Viewer activity is disrupted by the addition of the proposed structures by adding focal points to the horizon.
Total	3.5	Total all scores above
Average	0.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 62

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun casts the proposed turbines and blades into silhouette which increases their visibility against the bright white sky near the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more robust vegetation, especially on the tree line in the back of the view. The growth may offer additional softening in the view due to the range of green colors in the composition and may buffer most of the turbines in the distance.

Perceived effect on scenic quality/viewer enjoyment:

The turbines are more than three miles from the viewpoint, and are heavily filtered by the existing tree line which are the primary mitigating factors from this viewpoint. From this view and distance, the reduction of scenic quality is not as great as viewpoints which are closer to the proposed development. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and adds focal points on the horizon. The scenic quality of the view will be diminished by the installation, in particular as this viewpoint location is the Owasco Bluffs Nature Preserve, which increases its sensitivity to changes in the scenic quality.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 65
VIEWPOINT LOCATION: Rockefeller Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image represents an iconic Finger Lakes Region view archetype. The view depicts a mown agricultural field, descending a gentle slope, and a distant blue ridge line and lake in the distance. The image is photographed in late winter / early spring with minor early greening of the harvested agricultural fields evident. The foreground field dominating the lower third of the frame is soft green to gold, and visually consistent. The left of the image is a wood frame residence with a few mature trees. The distant ridge, running horizontal through the image, sits beyond a dark gray lake at the foot of the ridge. A patchwork of forests and fields are evident on the ridge, with sparse development visible. The sky is blue, lightening to a bright white at the horizon atop the ridge, without any clouds.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The strong uniform and horizontal bands of the landform contrast against the verticality, angularity and layout of the proposed development.
Vegetation	3	The proposed development contrasts against vegetation in the view as it is of a much greater scale, and the angularity of the individual / randomized turbine blades create a contrasting visual pattern than the consistent and soft bands of vegetation.
Land Use	2.5	The primary land uses in the view are agricultural and residential. The proposed active energy production contrasts against these land uses.
Water	3	The lake visible in the view is flat and horizontal. The proposed turbines and blades are vertical, sharp, and angular.
Sky	2.5	The view is disrupted by the addition of the proposed structures by adding randomized focal points across the horizon, in particular from the residence in the view.
Viewer Activity	3	Viewer activity is disrupted by the addition of the proposed structures by adding focal points to the horizon which contrast with the existing view.
Total	16.5	Total all scores above
Average	2.75	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 65

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun casts the proposed turbines and blades into silhouette which increases their visibility against the bright white sky near the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more vegetation to soften the composition, especially in the agricultural field in the foreground, but the scale of the proposed turbines and blades beyond the distant ridge will prevent true visual buffering.

Perceived effect on scenic quality/viewer enjoyment:

As noted above, the existing image represents an iconic Finger Lakes Region view archetype, highlighting the agricultural economy, the lakes, and the long low ridges which are typical of the region. The turbines are more than three miles from the viewpoint, but are still very visible due to the lack of enclosure and elevated position of both viewer and proposed installation. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and add focal points to the expansive horizon. The anticipated movement / rotation of the turbines and blades will likely increase viewer's awareness of the installation. The scenic quality of the view will be diminished by the installation, in particular from the residence in the view.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 71
VIEWPOINT LOCATION: Jugg Street
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view depicts an agricultural field, horizontal bands of leaf-off deciduous trees, and a low ridge at the horizon. The image is photographed in late winter / early spring with early greening of the harvested agricultural fields evident, with sporadic snow cover remaining. The foreground field dominating the lower half of the frame is soft green color, primarily flat, and visually consistent. Beyond are visible successive bands of tree lines running horizontally across the image. Filtered views of small scale development are in the middle left of the frame. The ridge at the horizon is blue to gray of color, without discernible development due to atmospheric haze. The sky is bright, lightening to white at the horizon atop the ridge, without any clouds.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	The proposed development is composed of individual vertical and angular structures, which contrasts against the naturally horizontal landform. However, because of the high number of structures visible spread across the horizon, they form a horizontal band in comparison which relates to the other horizontal bands in the view.
Vegetation	2	The existing tree lines are homogeneously composed in uniform bands across the image. The spacing of the proposed turbines create a contrasting pattern on the horizon.
Land Use	1.5	The primary land uses in the view are agricultural and residential. The proposed active energy production contrasts against these land uses.
Water	NA	None visible
Sky	1	The angular lines of the proposed turbines and blades contrast against the visually soft and clear blue sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	1.5	The view is degraded by the addition of the proposed structures by adding focal points to the horizon. Again, the distance from the view point somewhat mitigates the contrast.
Total	7.5	Total all scores above
Average	1.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 71

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright spring day. The angle of the sun casts the proposed turbines and blades into silhouette which increases their visibility against the bright white sky near the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. The end of winter / beginning of spring is depicted in the photo. A summer view may introduce more vegetation to soften the view, especially in the tree lines, but the scale of the proposed turbines and blades beyond the distant ridge will prevent true visual buffering.

Perceived effect on scenic quality/viewer enjoyment:

The reduction in scenic quality is somewhat mitigated by the extreme distance between the viewpoint and proposed development of 4.6 miles. Atmospheric haze reduces the visibility of the structures. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and add focal points to the expansive horizon. The scenic quality of the view will be diminished by the installation, but viewer exposure is somewhat limited from this rural road view point location.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 82
VIEWPOINT LOCATION: Owasco Lake
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image depicts a view from the water of a large lake, with the distant wooded shoreline rising to a low ridge. A small number of residences or cottages are visible at the shoreline, in particular to the right off the image. The photograph is taken in summer time leaf-on conditions, and as such, the trees carpeting the shoreline and ridge opposite are green and soft textured. The lake's water sheet in the lower half of the frame is dark gray to black, with bright highlights reflecting the sky. The sky itself is blue with extensive soft white to gray cloud formations.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The landform is flat to horizontal which contrasts against the verticality, angularity and layout of the proposed development.
Vegetation	2	The existing trees are consistent green and soft textured across the entire shoreline. The spacing of the proposed turbines create a contrasting pattern on the horizon.
Land Use	2	The primary land uses in the view are recreational. The proposed active energy production contrasts against these land uses.
Water	3	The lake visible in the view is flat and horizontal. The proposed turbines and blades are vertical, sharp, and angular.
Sky	1.5	The angular lines of the proposed turbines and blades contrast against the visually fluffy sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	2	The recreational users' nature-focused activities will contrast against the proposed development visible on the horizon.
Total	13	Total all scores above
Average	2.17	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 82

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright summer day from lake level. The angle of the sun casts the proposed turbines and blades into silhouette which increases their visibility against the sky. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. Winter or leaf-off condition may increase visibility of the lower sections of the tower structures.

Perceived effect on scenic quality/viewer enjoyment:

The reduction in scenic quality is somewhat mitigated by the extreme distance between the viewpoint and proposed development of over 5 miles. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and add focal points to the expansive horizon. The scenic quality of the view from and of the lake for recreational users will be diminished by the installation, but viewer exposure may be somewhat mitigated by the seasonal use of the lake.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 86
VIEWPOINT LOCATION: Owasco Lake
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image depicts a view from the water of a large lake, with the wooded shoreline on the opposite shore rising to a low ridge. A small number of residences or cottages are visible at the shoreline, and a farm with multiple buildings is up the ridge to the right. The photograph is taken in summer time leaf-on conditions, and as such, the trees carpeting the shoreline and ridge opposite are green and soft textured. The lake's water sheet in the lower half of the frame is dark blue to black, with bright blue highlights reflecting the sky. The sky itself is vibrant blue with soft gray clouds.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The landform is flat to horizontal which contrasts against the verticality, angularity and layout of the proposed development.
Vegetation	2	The existing trees are consistent green and soft textured across the entire shoreline. The spacing of the proposed turbines create a contrasting pattern on the horizon.
Land Use	2.5	The primary land uses in the view are recreational. The proposed active energy production contrasts against these land uses.
Water	3	The lake visible in the view is flat and horizontal. The proposed turbines and blades are vertical, sharp, and angular.
Sky	2	The angular lines of the proposed turbines and blades contrast against the visually fluffy sky. The distance from the view point somewhat mitigates the contrast.
Viewer Activity	2	The recreational users' nature-focused activities will contrast against the proposed development visible on the horizon.
Total	14	Total all scores above
Average	2.33	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 86

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright summer day from lake level. The angle of the sun highlights the proposed turbines and blades which increases their visibility against the sky. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. Winter or leaf-off condition may increase visibility of the lower sections of the tower structures.

Perceived effect on scenic quality/viewer enjoyment:

The reduction in scenic quality is somewhat mitigated by the sparse layout and low quantity of the proposed turbines. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and add focal points to the expansive horizon. The scenic quality of the view from and of the lake for recreational users will be diminished by the installation, but viewer exposure may be somewhat mitigated by the seasonal use of the lake. Rotation of the blades may increase viewer perception of the proposed structures.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 89
VIEWPOINT LOCATION: Owasco Lake
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image depicts a view from the water of a large lake, with the opposite wooded shoreline rising to a low ridge. Residences or cottages are visible at the shoreline. The photograph is taken in summer time leaf-on conditions, and as such, the trees carpeting the shoreline and ridge opposite are green and soft textured. The lake's water sheet in the lower half of the frame is dark blue to black, with bright blue highlights reflecting the sky. The sky itself is blue and almost cloud free.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The landform is flat to horizontal which contrasts against the verticality, angularity and layout of the proposed development.
Vegetation	2	The existing trees are consistent green and soft textured across the entire shoreline. The spacing and scale of the proposed turbines create a contrasting pattern on the horizon.
Land Use	2.5	The primary land uses in the view are recreational. The proposed active energy production contrasts against these land uses.
Water	3	The lake visible in the view is flat and horizontal. The proposed turbines and blades are vertical, sharp, and angular.
Sky	2.5	The angular lines of the proposed turbines and blades contrast against the sky.
Viewer Activity	2	The recreational users' nature-focused activities will contrast against the proposed development visible on the horizon.
Total	14.5	Total all scores above
Average	2.42	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 89

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright summer day from lake level. The angle of the sun highlights the proposed turbines and blades which increases their visibility against the sky. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. Winter or leaf-off condition may increase visibility of the lower sections of the tower structures.

Perceived effect on scenic quality/viewer enjoyment:

The reduction in scenic quality is somewhat mitigated by the sparse layout and low quantity of the proposed turbines in the view. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and add focal points to the expansive horizon. The scenic quality of the view from and of the lake for recreational users will be diminished by the installation, but viewer exposure may be somewhat mitigated by the seasonal use of the lake. Rotation of the blades may increase viewer perception of the proposed structures.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 111
VIEWPOINT LOCATION: East Venice Cemetery
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view depicts a historic rural cemetery, with a mown lawn extending into the mid ground, with a cluster of agricultural buildings in the distance. The gray headstones in the foreground punctuate a soft bright green lawn carpeting the lower half of the frame. The red and white barn, silo, and agricultural buildings in the distance create a central focal point. A leaf-on deciduous tree line extends from the agricultural buildings toward the left side of the image. A view into a distant agricultural field toward the right of the barn is visually enclosed by a tree line in the far distance. Terrain is flat to rolling. The sky is bright blue, with few clouds to the left of the frame.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The landform is flat to horizontal which contrasts against the verticality, angularity and layout of the proposed development.
Vegetation	2	The existing trees are consistent green and soft textured. The scale, angularity, color and spacing of the proposed turbines create a contrasting pattern.
Land Use	2.5	The primary land uses in the view are agricultural and historic cemetery. The proposed active energy production contrasts against these land uses.
Water	NA	None visible
Sky	2	The angular lines of the proposed turbines and blades contrast against the sky.
Viewer Activity	1.5	Visitors to the historic cemetery solemn-focused activities will contrast against the proposed development visible on the horizon.
Total	10.5	Total all scores above
Average	2.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 111

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright summer day. The angle of the sun illuminates the proposed turbines and blades which increases their visibility against the sky near the horizon. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely due to their white color. A winter or leaf-off view would increase the visibility and presence of the proposed development by revealing more of the structures in the landscape.

Perceived effect on scenic quality/viewer enjoyment:

The turbines are 2.6 miles from the viewpoint, and are somewhat filtered by the existing tree line. From this view and distance, the reduction of scenic quality may not be as perceived as viewpoints which are closer to the proposed development. The pattern, verticality, and angularity of the proposed wind turbines contrast with the existing view and adds focal points on the horizon. The scenic quality of the view will be diminished by the installation, in particular as this viewpoint location is the S-NRHP Eligible East Venice Cemetery, which increases its sensitivity to changes in the scenic quality. A cemetery is an inherently contemplative place, and the constant movement of the proposed turbine blades may be distracting for this user group.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: JBP
DATE: September 25, 2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 113
VIEWPOINT LOCATION: Melrose Park
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The image depicts a view from the water level of a large lake, with the opposite shoreline wooded and developed with residences and cottages. The shoreline rises to a low ridge. The color and texture of the distant trees is leaf-off, soft, and relatively consistent although some openings are evident. The lake's water sheet in the lower half of the frame is dark blue to black, transitioning to brighter highlights reflecting the sky in the distance. A group of waterfowl is floating on the lake. The morning sky is illuminated with soft pink light from the left side of the frame and is relatively cloudless.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	The landform is flat to horizontal which contrasts against the verticality, angularity and layout of the proposed development.
Vegetation	1	The existing trees are relatively consistent and soft textured across the distant shore. The spacing, scale, verticality, and angularity of the proposed turbines create a contrasting pattern on the horizon.
Land Use	2	The primary land uses in the view are residential, wooded, and recreational. The proposed active energy production contrasts against these land uses.
Water	2	The lake visible in the view is flat and horizontal. The proposed turbines and blades are vertical, sharp, and angular.
Sky	1	The angular lines of the proposed turbines and blades contrast against the soft sky.
Viewer Activity	1	The viewers' activities contrast against the proposed development visible on the distant horizon.
Total	8.5	Total all scores above
Average	1.42	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 113

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The photograph was taken on a bright winter / spring morning from lake level. The low angle of the sun, soft colors in the sky, and some atmospheric haze diminishes the visibility of the proposed turbines. With different weather or atmospheric conditions, the turbines in the distance may be less visible or fade into the sky completely. Summer leaf-on conditions and green colors may decrease the visibility of the lower sections of the tower structures to a small degree.

Perceived effect on scenic quality/viewer enjoyment:

The reduction in scenic quality is mitigated by the extreme distance, noted as 8.4 miles, from the viewpoint. The low angle of the sun, soft colors in the sky, and atmospheric haze reduce the visibility of the proposed development. Additionally, the existing development along the opposite shoreline contributes contrasting color and form contrasting with the natural qualities of the view. The scenic quality of the view from and of the lake for recreational users will be diminished by the installation, but viewer exposure may be somewhat mitigated by the seasonal use of the lake.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 2
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A series of mown or fallow farm field stretch nearly a mile into the distance. There is a slight rise in the topography revealing the striation of brown and yellow dormant vegetation across the fields. Vegetation sparsely lines a farm road, bisecting the view, highlighted by a thin band of remaining spring snow. In the distance the sky is visible through the branches of a stand of evergreen trees. Beyond the horizon line of the fields a thin band of distant forest vegetation separates the hazy blue sky from the fields. Atmospheric haze mutes the colors in the distance. The branches of a Norway spruce reach into the image from frame left. A post office and it's parking sit along the road, frame right. Three evergreens and a few leafless deciduous trees anchor the lot to the road. Overall the view is open and unobstructed. The flatness of the topography and the expanse of the open sky makes the horizon line the focus of this view.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	The presence of the turbines shortens the focus of the view. Overall the view is still flat and expansive.
Vegetation	0	No change in vegetation is observed.
Land Use	3	The expanse is now cluttered by the numerous turbines visible.
Water	N/A	
Sky	2	The distance to the nearest turbine allows the sky to maintain its expanse however the focus is pulled from the horizon line to the numerous turbines. This will only appreciate with the movement of the blades, especially those that are disembodied from their spine.
Viewer Activity	1.5	Focus will be drawn to the movement of blades above and below the horizon line.
Total	7	Total all scores above
Average	1.4	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 2

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Visual contrast may be lower given the atmospheric haze and low angle of the sun. Leaf on conditions may increase contrast to the turbines. The movement and angle of the blades may also increase or decrease visual clutter and contrast.

Perceived effect on scenic quality/viewer enjoyment:

The number of turbines makes it hard to ignore. The movement on the horizon line will draw the viewer. Their proximity as well gives them a more substantial presence. Some may see turbines as a yawning pastoral view or even meditative experience, while others may be negatively impacted by the constant movement and obscured angles.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 4
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

Dark shadows fall across the grassy foreground embankment along the side of the road. Above, last years corn stalks line the edge of a harvested field like a barricade fence. A few hundred feet into the view 4 leafless deciduous trees burst out of the horizon line into the sky, view center-right. They create a sharp and dark contrast to distant haze and a thin line of faded tree top branches at the horizon line. Towards image right a mass of trees sits like a distant ship, floating on the horizon. Open agricultural land meets the horizon image left. At image right a dense silhouette of evergreens meets the frame towards the foreground of the view. The sky is hazy but blue and expansive to the view. The long shadows makes the foreground elements sever while the distant haze creates a more serene quality.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The foreground rise shortens this view while the turbines give more for the eye to explore and define as distance and depth.
Vegetation	0.5	vegetation remains intact, minimal change in contrast of light and color (this may change with seasonal condition). The turbines dwarf the mass of distant trees on the horizon line.
Land Use	3	The quantity of turbines is undeniably the new focus of this view.
Water	N/A	
Sky	3	The movement of blades will be the main focus in this view, even in their dormant photo condition the clutter to the sky is substantial. A number of blades will dip below the horizon line.
Viewer Activity	3	The proximity and quantity of the movement along the horizon line will differ considerably from the previously still view.
Total	10.5	Total all scores above
Average	2.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 4

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Contrast may increase with seasonal condition, angle of the sun and turbine heads as well as reduction in atmospheric haze.

Perceived effect on scenic quality/viewer enjoyment:

The length and simplicity of this view lend to it be more of a tranquil experience. The number of turbines may detract for some or provide more visual interest to others. The quality of the view will at the very least be impacted by the visual clutter of rotating blades so close to the horizon line of focus.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 8
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

An early spring view of an agricultural field rolls along the road side with slight undulation parallel the road and rising up to the image right. The foreground's silver green grass gives way to thinning vegetative cover. Gold stalks protrude from the marbled green and brown of exposed bare ground. In the distance the transparent field changes to an opaque blond reaching up to the horizon line. From beyond the horizon, image right, tips of tree vegetation are visible, reaching into the blue sky, and further emerge as the horizon line slopes down, image left. At the left a large open sided agricultural shed meets a metal pole barn. The barns sit a few hundred feet behind a white house adjacent the road. Image left follows the edge of the road, with caution signs, utility poles, wires and a road side ditch.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	Turbine emerge from beyond the horizon line reveal changes in topography otherwise not visible to the viewer. The topography in view, remains unchanged.
Vegetation	1	The crisp silhouettes of the trees along the horizon line are dwarfed by the mass of the turbines beyond.
Land Use	1.5	Where the farm structures took up a small portion of the view the turbines now bring the land use throughout the view.
Water	N/A	
Sky	2	Turbines become the main focal point detracting from the openness of the view. The shadows on the motor and white of the blades create their own contrast within the sky.
Viewer Activity	2.5	The turbines interfere with the horizon line from one end of the view to the other. Blades dip beyond the horizon and overall the visual clutter has increased.
Total	7.5	Total all scores above
Average	1.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 8

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Seasonal condition would effect the contrast as well as the angle of the sun and the blades to the viewer. The type and life cycle of the crops planted in the field would also affect the visibility of existing site clutter such as the accessory structures.

Perceived effect on scenic quality/viewer enjoyment:

The turbines will pull the viewers focus, contrasting what was a static experience into a changing one. The number of turbines could have a moderate effect on viewer enjoyment.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14A
VIEWPOINT LOCATION: Burns Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A large expanse of flat open agricultural field stretches away from the viewer to the horizon line. Slight undulation in the topography is revealed by the contrasting lines of shorn vegetation. At the horizon line, silhouettes of trees reach up into the clear blue sky. At the center of the view the fore-field reaches the sky between sparse treetops peeking out from beyond the horizon line. Three large antenna reach up from beyond the horizon line. Utility lines are just visible in the openings along the horizon line. Vegetation along the horizon thickens on either side of the view.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	The depth of the view is slightly increased by the rhythm of turbines sprouting up from behind the vegetation at the horizon line, shrinking into the distance
Vegetation	1	distant trees are dwarfed by the surrounding turbines
Land Use	2	pastoral agriculture fields compete with the turbines for dominance in the view
Water	N/A	
Sky	2	Numerous turbines puncture the sky, blades will dip below the horizon line increasing visual clutter. One turbine towers so high above the viewer is blades are not visible.
Viewer Activity	2	Blade movement along the horizon line will dominate the view
Total	7.5	Total all scores above
Average	1.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14A

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Dormant vegetation may create a greater contrast than fully vegetated agricultural fields that may soften the view. The angle of the sun and blade would also have an effect on the visibility and contrast of the view.

Perceived effect on scenic quality/viewer enjoyment:

The numerous turbines and proximity to the horizon line will pull the viewers attention.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14B

VIEWPOINT LOCATION: Burns Road

LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)

☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare

Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

Remaining corn stalks poke through sparsely snow covered grounds at the forefront of the view. To the right, the topography of the fore-field pushes out further to hold a detention pond. Snow covers it's far-side bank. Beyond the field the topography drops away. A few trees at the center of the view reach up adjacent a utility pole, into the gray sky. Utility lines bisect the view just below a much more distant horizon line. A quilting of farm-fields and forest, minimally stippled with structures, is visible in the distance. The horizon line is dark and silhouetted by distant clouds. The sky is dim and hazy.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	The small glimpse of the mid-ground at the center of the view is highlighted by the substation
Vegetation	2	Vegetation removed from the mid-ground disconnects from the distant view. The high contrast of the silver substation pops from the view.
Land Use	4	The color, line and texture of the substation is a considerable contrast to its surroundings.
Water	0.5	The view of the water remains intact from this vantage point. It is not the focus of the view.
Sky	2	Two turbines tower into the sky along with the numerous posts of the substation.
Viewer Activity	3.5	The substation becomes the main focus of the view, followed by the turbines, rotating blades will skim the horizon line.
Total	13.5	Total all scores above
Average	2.25	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14B

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Gray skies may decrease the contrast the substation and towers create. Atmospheric haze may increase visual interest of the distant landscapes. Dormant vegetation, snow cover and low lighting conditions may lower the initial scenic quality of the view.

Perceived effect on scenic quality/viewer enjoyment:

The substation and tower undeniable dominate the view. The substation creates a large amount of visual clutter and the white roof of the new building contrasts the natural surroundings. A decrease in viewer enjoyment is anticipated.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 24

VIEWPOINT LOCATION: Long Hill Road

LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)

☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare

Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

An open field, dormant with golden grasses expands nearly a mile from the viewer. Leafless trees create a thin irregular line between the foreground field and the blue sky. A second horizon line is visible through the branches of naked trees. At image left, the road extends to a white house nestled in a stand of evergreen and deciduous trees. Beyond the house, a road is just barely discernible by a few utility poles and a farm structure with silo. Along the road side a large black mailbox sits adjacent the remaining snow in a roadside ditch. At image right the distant forest reaches towards the viewer obscuring farm access road, disappearing beyond the bend. The sky is hazy along the horizon breaking open to blue here and there.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The distance of the view is expanded by the turbines, revealing that the land is flat for quite some ways into the distance, beyond the visible horizon lines.
Vegetation	2	Vegetation is dwarfed by the turbines and foreground antenna
Land Use	2.5	pastoral agricultural use competes for dominance of the view. Much added movement to a previously static view.
Water	N/A	
Sky	2	While the sky still feels expansive in this view the horizon line is repeatedly interrupted. Foreground antenna extend beyond the top of the frame. The closest turbine demands the viewers focus.
Viewer Activity	3	Previously the eye had explored the edges of the field and the woodland, the focus is shifted to explore the sky and the tree tops. Where the eye would previously come to rest on the distant white house, the visual clutter now pulls the viewer in many directions.
Total	13.5	Total all scores above
Average	2.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 24

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Dormant vegetation may create more visual interest. It allows the viewer to see additional horizon lines and distant structure may be more obscured if the agricultural field was fully grown. Variation in fall color along the horizon line may decrease the contrast of the turbine blades along the horizon line. The angle of the turbines could be less head on and more obscured.

Perceived effect on scenic quality/viewer enjoyment:

The visual clutter along the horizon line will draw the viewers attention and detract from the scenic quality of the view.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 9/13/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 28
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

Rows of dead stalks stick out of the greening soil along the road, reaching a near mile to the horizon line. From across the street, image right, power lines traverse the road and fade into the distance beyond a farm at the end of view. The farmhouse, small and white, is nestled amongst a mix of evergreen and deciduous trees at the edge of the road. Behind it, a large black roof sits like a black rectangle on the horizon. Five silos reach up into the milky sky, image left of the barn roof. In the mid-ground of the fore stretching field, a small sprig of vegetation brings attention to a number of head stones sitting on the horizon line in a small cemetery. Well beyond the cemetery image left a number of farm structures are tucked just beyond the horizon line, roofs sticking proud of the field, but below distant tree top vegetation. Between this farm and the cemetery, another set of silos can be seen, even farther in the distance.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	A greater distance can be seen by the turbines. The reveal a dip in topography beyond the horizon line view right
Vegetation	1	The distant horizon line vegetation is made even more insignificant by the turbines along the horizon line.
Land Use	1.5	Given the number of farms and farm structures as well as transmission lines in the existing view, the addition of the turbines is softened. There is still added clutter and movement to the view
Water	N/A	
Sky	2	A number of turbines pepper the horizon line, additional shadow on the blades increase contrast to the white sky.
Viewer Activity	1.5	numerous rotating blades at the horizon line will pull the viewers attention.
Total	6.5	Total all scores above
Average	1.3	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 28

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The fade of the horizon line may increase the current views contrast to the sky. The angle of the blades to the viewer and the sun will change contrast. Additionally a vegetated field may obscure and soften a number of the distant agricultural structures/features.

Perceived effect on scenic quality/viewer enjoyment:

Rotating blade along the horizon line, some disembodied from their support, will pull focus. Given the distraction of the visual clutter, the viewer may miss the opportunity to observe the silhouetted cemetery on the horizon line. The existing view has it's own clutter from power lines and farm structures but this is trumped by the spread and number of turbines visible in this view. Some may welcome the visual interest of the rotating turbines while other may find the clutter overbearing.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 36
VIEWPOINT LOCATION: Indian Field Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A large expanse of the landscape if visible from this vista. A slight valley allows the viewer to see several miles, able to identify numerous farms, their structures, a quilt work of agricultural fields lined with hedge rows and bordered by woodland stands. Homes and farms are stippled white dots across the landscape. The foreground is a mown farm field as dormant as the leafless forest in the distance. The forested patches have a slightly fuzzy texture and color variation becoming more of a gray band as it approaches the distant horizon. Almost the entirety of the horizon line is vegetated. The horizon line is hazy and the sky is almost white as it's edge, transitioning to blue overhead. Overall the view is flat and vast.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	The distance of the view is confirmed by the scale of the turbines
Vegetation	1	Vegetation is dwarfed in comparison to the turbines
Land Use	3	Over two dozen turbines pepper the landscape from one end of the view to the other.
Water	NA	
Sky	3	much clutter and movement interrupts the vast stillness of the view.
Viewer Activity	3	Movement of the turbines will steal the focus of the viewer.
Total	10.5	Total all scores above
Average	2.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 36

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Atmospheric haze creates a muted effect on the view. Clearer conditions may increase contrast ratings. Also the leaf-off season could lower the overall scenic quality of the view, variation in colors and lighting could effect visibility and contrast of the turbines. The direction of the wind could also increase or decrease the presence of the turbines in the sky.

Perceived effect on scenic quality/viewer enjoyment:

The large number of turbines will definitely take dominance of the view but the number could also give them a more mass to have a meditative quality. Blades at, or below the horizon line will be the most distracting.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/24



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 38
VIEWPOINT LOCATION: Center Road
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The view is framed by a gravel driveway in the foreground, the road traveling away from the viewer image left, a power line suspended in the sky and a utility pole image right. The view within this frame is a large tan garage structure sitting ahead of a matching single story residence. The structures are planted in the ground just beyond the horizon line of the foreground lawn. Beyond the structures the landscape rises gently. The field beyond the house is green and ends in a contrasting line of yellow as the field continues to rise away from the structures and end at a wooded horizon line. The home is nestled below the trees on the horizon while the garage just skims the tips of branches in the sky. The horizon line is hazy and fades to the light blue sky above.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	Additional distance is added to the view via the turbines.
Vegetation	0.5	Horizon line vegetation is dwarfed by the turbines.
Land Use	3	More than a dozen turbines project from beyond the horizon line creating added visual clutter and assigning use to lands not previously visible.
Water	NA	
Sky	2	The sky remains open while the mass of the turbines does not overpower the foreground elements the additional movement along the horizon create a new focus to the view.
Viewer Activity	2	Turbines along the horizon line will compete with the structure for dominance in this view. The scale along the horizon line is not overpowering to the overall static view.
Total	8	Total all scores above
Average	1.6	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 38

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Atmospheric haze and leaf-off conditions may obscure visual interest and variability in the existing view. The angle of the turbine heads will effect the presence they project to the viewer.

Perceived effect on scenic quality/viewer enjoyment:

The scale of the turbines relates to some of the larger trees within the view. While the movement of the blades will take more of the viewers attention the overall quality of the view should remain intact.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 51
VIEWPOINT LOCATION: State Route 90
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The foreground farm field is divided into two parts. To the left the remnant stalks of a mown corn field protrudes from the ground in straight lines, the yellow stalks contrasting with the green and brown of the ground surface. The right half of the field, a mown lawn with slight undulation descends down the hill side image right. The yellow field creates a crisp contrasting line to the naked deciduous forest at it's borders. At image right, as the topography drops away, a hillside rises in the distance. A large red barn and silver silo structures are visible through the tree tops. Beyond it open fields are visible through the heavily wooded hillside, along with other distant structures. The horizon line of trees is faded as it meets the sky. There is a slight fade in the blue sky as it reaches the horizon line.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	a single turbine from beyond the distant horizon line reveals a drop in the topography otherwise not visible to the viewer.
Vegetation	0.5	Vegetation is dwarfed by the turbine and creates a strong contrast to the dark mass of the leafless forest.
Land Use	1	There is a slight increase of intensity of use at the center of the view but the viewers eye can find other places to rest in the landscape.
Water	NA	
Sky	1	Turbines fight with the horizon line, some blades are obscured by the tips of tree branches.
Viewer Activity	1	The turbines become a new focal point in the landscape.
Total	4	Total all scores above
Average	0.8	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 51

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Leaf on conditions may greater obscure the turning blade heads of the turbines. The atmospheric haze may be softening the contrast of the turbines to the sky and the leafless forest mass.

Perceived effect on scenic quality/viewer enjoyment:

While lightly distracting, limited impact is anticipated on viewer enjoyment from this distance.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 62
VIEWPOINT LOCATION: Owasco Bluffs Nature Preserve
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☐ Repeated/Regular ☒ Rare
Duration of View: ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A modest open field is textured by chunky grass mounds. The grass is a light tan with green peaking through. The field is truncated by the dark shadow of a leafless forest edge. A few mature trees are robust enough to catch the light and have a silver outline in an otherwise silhouetted view. Through the tops of the trees branches a dark distant hillside is visible. The horizon line of that hillside is mostly obscured by the tops of trees, but still creates a crisp line with the white hazy sky beyond. A few branches protrude, in the foreground, from image left. Below them, a mown grass edge creates the sense of a path wrapping out of view, image left.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	The turbines have no impact on the sense of the landform.
Vegetation	0.5	Limited impact is made in the contrast of the turbine blades to the branching tree tops
Land Use	1.5	A new use is introduced to a preserved view.
Water	NA	
Sky	1.5	Movement of the turbine blades above the horizon line will be an added movement and distraction to the view.
Viewer Activity	1.5	A pastoral scene in a recreational area will have new use and intensity with rotating blades appearing from beyond the vegetation.
Total	5	Total all scores above
Average	1.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 62

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Atmospheric haze may have increase the visible contrast to the turbines as well as given more depth of view through the forest treetops. The low angle of the sun made for strong shadows within this view that could impact overall contrast ratings. Leaf on conditions may obscure more of the depth of this view and visibility of the turbines.

Perceived effect on scenic quality/viewer enjoyment:

Well limited impact is anticipated on scenic quality the movement of the turbines will draw the viewers attention away from the landscape the are in and up into the sky beyond.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 65
VIEWPOINT LOCATION: Rockefeller Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☒ Repeated/Regular ☐ Rare
Duration of View: ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

This long view across the valley of Owasco lake transports the viewer into numerous scenes of farm houses and fields. The foreground lawn, its own horizon line contains a single leafless tree adjacent a residence that cuts out of frame image left, just behind an evergreen tree. From beyond the horizon line of the lawn, tree tips brush up like tall grass in front of the distant dark water. The haze is so thick the water is barely discernible from the distant bank. Open fields and woodland create striations along the landform on the opposing hillside. The horizon line is completely vegetated. The view appears almost white washed by the haze. The sky is white, only coming to blue at the top extreme of the view, image left.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The drop in the topography beyond the view is made visible by the many turbines that now fight for dominance in the view.
Vegetation	1.5	vegetation is dwarfed and focus on the foreground tree is interrupted.
Land Use	3.5	The land use intensity is very visible from quite a distance. The number of turbines fills the horizon line
Water	3	The turbines take the focus out of the lake and hillside and up to the horizon line.
Sky	3.5	A crisp line to an expansive open sky is punctuated by a dozen turbines. Many blades are disembodied from their support post.
Viewer Activity	3	Turbine have become the focus of the view.
Total	17	Total all scores above
Average	2.83	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 65

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The atmospheric haze leaves much to be desired in terms of visibility of the opposite bank. The low angle of the sun also makes the turbines silhouetted in the sky, a greater contrast that if the sun was on the opposite side and white turbines might fade back into the white sky. Leaf-on conditions may have provided greater scenic quality, color variation while potentially reducing texture and depth of view.

Perceived effect on scenic quality/viewer enjoyment:

Some may find the movement of the turbines extremely distracting from a previously static view. Others may welcome the focus to the turbines and their meditative rotation. Overall the turbines do detract from the original focus of the view and the ability for ones eye to stay lost in the landscape. The stillness and cohesiveness of the view is lost.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 71
VIEWPOINT LOCATION: Jugg Street
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A large green field stretches out a few hundred yards from the viewer. It still has some snow on it's foreground. The slightly undulating topography dips slightly towards image left. The field ends at a sparse tree line. The silhouettes of the trees is visible ahead of a large flat expanse suggestive of a wetland. A few mobile homes are visible beyond the trees. Beyond the open fields a thick line of gray made by a mass of trees, coats the horizon line. Beyond, a lighter gray line creates a second horizon line. There is a sense this second horizon line could just be a dark cloud on the horizon but some jagged texture to the line implies vegetation. The sky is white, fading to a light blue at the top of image right.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The turbines confirm the distant land form and take the viewer so much farther into the distance.
Vegetation	1.5	Distant vegetation is dwarfed by the turbines. An added contrast of line, color and texture is introduced to the view.
Land Use	3.5	Turbines fill the horizon line of the view from one end to the other.
Water	NA	
Sky	4	The soft line of the distant horizon is now punctuated with dozens of turbines creating stark contrasting vertical silhouettes.
Viewer Activity	3.5	The turbines are the focus of this view and greatly impact the scale of the view.
Total	15	Total all scores above
Average	3.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 71

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Atmospheric haze increases the depth of this view. The angle of the turbines is a small a visual footprint as what will be able to be seen. Seasonal interest in the foreground field may be able to pull some attention away from the turbine covered horizon.

Perceived effect on scenic quality/viewer enjoyment:

The turbines, though distant, become the dominant element in the view.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 82
VIEWPOINT LOCATION: Owasco Lake
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

Looking across a lake of steely-gray calm water the viewer can see several miles of shoreline of Owasco Lake. The shore line is lined with houses that shrink into the distance at image center to left. The bank is a steep deciduous forest, lush and green. It is a thin line that separates water from the sky. Three large shadows from the puffy white clouds above drape over the bank from water to horizon line.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	A few disembodied blade tips reaching from beyond the horizon imply the change in topography beyond the crest of the hill.
Vegetation	0.5	The scale of the vegetation is dwarfed by the turbines.
Land Use	3	Turbines are visible across most of the horizon line of this view.
Water	2	Where the shoreline had been the dominate element of the view, the horizon line above now competes for visual interest.
Sky	2.5	Over a dozen turbines puncture the horizon line. Added movement and overlap of the blades from this perspective creates a visual clutter in the sky.
Viewer Activity	3.5	the turbines become the dominate element in this view.
Total	12	Total all scores above
Average	2.0	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 82

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Cloudy skies could obscure some of the turbines from view resulting in lower contrast ratings. There is a lot of movement not represented in this static image. The waves, cloud movement and spinning turbines could have a very different feel from this snap shot.

Perceived effect on scenic quality/viewer enjoyment:

A moderate to appreciable impact is anticipated on viewer enjoyment as the eye is led out of the lake and into the sky.

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:

RATER INFORMATION:

NAME:
DATE:



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER:
VIEWPOINT LOCATION:
LANDSCAPE SIMILARITY ZONE:

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The lake is nearly still, reflecting blue sky with a few purplish morning clouds. The smoothness of the water accentuates the texture of the dense vegetation along the undulating crest of the opposing bank. A large farm sits near the crest, image right, within a grid of agricultural fields. The green of the vegetation is also accentuated by the purple clouds along the horizon at the right 2/3rds of the view. A handful of houses can be glimpsed through the vegetation along the shoreline. The feeling of the view is open and pastoral.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	Additional topography beyond the horizon line is depicted by the varying heights of the turbines.
Vegetation	0.5	The vegetation is dwarfed by the scale of the turbines. Changes in the horizon line are barely notable.
Land Use	2.5	several turbines span the breadth of the view.
Water	1	The viewers eye is drawn away from the water and into the sky.
Sky	3	several turbines puncture the horizon line, many disembodied blades reach up from out of view.
Viewer Activity	3	The majority of the turbines visible are only blades emerging from beyond the horizon line. The turbines create a visual clutter on the horizon, drawing the viewers attention up away from the water and shoreline.
Total	10.5	Total all scores above
Average	1.75	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:



VIEWPOINT NUMBER:

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Changes in season could impact the variability and contrast within this view. The morning light and stillness of the water enhance the scenic quality of this view.

Perceived effect on scenic quality/viewer enjoyment:

So many disembodied blades creates an unsettling feel for the viewer. The movement and proximity of the turbines will detract from the existing stillness and reflective quality of the view.

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:

RATER INFORMATION:

NAME:
DATE:



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER:
VIEWPOINT LOCATION:
LANDSCAPE SIMILARITY ZONE:

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The glassy water is almost black at the opposite shoreline creating an opportunity for a blurry mirrored reflection on the water. Houses line the waters edge, some opening allow you to see the steep banks and under-story of the forest that climbs a short ways to a nearly flat, fully vegetated, horizon line. The sky is blue, a few purple clouds creep from beyond the horizon line image right.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	The tips of turbine blades emerging from beyond the horizon line implies a drop in the topography beyond view.
Vegetation	0.5	Vegetation is dwarfed by the turbines, a strong contrast in color from dark green to stark white.
Land Use	2	The horizon line is interrupted from one end of the view to the other. The turbines are moderately spaced.
Water	1.5	The view is pulled away from the water and to the horizon line.
Sky	2	Visual clutter is added to the horizon line, many disembodied blades accentuate the horizon line.
Viewer Activity	3	A lot of movement is added to an otherwise still and reflective view. The turbines with compete for dominance in this view.
Total	9.5	Total all scores above
Average	1.58	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:



VIEWPOINT NUMBER:

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Seasonal conditions may impact the contrast the turbines present across the landscape.

Perceived effect on scenic quality/viewer enjoyment:

The movement of the turbines will detract from the reflective quality of this view.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 111
VIEWPOINT LOCATION: East Venice Cemetery
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☒ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The viewer stands amongst head stones in a roadside cemetery looking out over a green lawn speckled with purple clover flowers. A shadow falls across the left of the image for a tree outside the frame. The lawn continues a few hundred yards to a farm. A white house, along with several red barn structures and a silver silo are clustered together amongst deciduous trees, image center. To the left of the homestead utility poles line the edge of an unseen road, a forest sits across the street. To the right of the farm agricultural fields spill into the distance ending at a thin green band of forest dividing the farms from the sky. The view is flat. The sky is expansive, light blue with a slight haze.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	More of the distant topography is depicted by the heights of the turbines.
Vegetation	0.5	The scale and color contrast are accentuated by the turbines.
Land Use	2.5	Turbines fill the breathe of the horizon line, some overlapping one another.
Water	NA	
Sky	1.5	numerous turbines and an antenna break the horizon line.
Viewer Activity	2	The existing view already has a touch of visual clutter, added to by the number of blades meeting the horizon line. Focus will be pulled from the distant farm fields to the movement of the turbines.
Total	7	Total all scores above
Average	1.4	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 111

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

Slight haze obscures some of the turbine blades and softens the contrast of distant elements. Seasonal conditions, such as leaf-off vegetation might reveal more turbines and movement along the horizon line.

Perceived effect on scenic quality/viewer enjoyment:

A moderate impact is anticipated on the viewer enjoyment of this scene.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: E. Garavuso
DATE: 10/07/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 113
VIEWPOINT LOCATION: Melrose Park
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)
Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

A flock of gulls sit on the glassy lake at the foreground of the view. In the distance a community sits along the shoreline, image right. The houses shrink out of view as the shore continues away to the left. The topography rises slowly away from the shore. A few stands of evergreens are dark masses in the leafless deciduous forest. Beyond the forest the topography continues to rise and there is a thin line of agricultural fields visible just below the vegetated crest of the hill. The fields and crest are washed out in the atmospheric haze. This haze meets the shore line at the left quarter of the view. The sky is hazy with a slight pink hue of morning light.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0.5	A greater distance is implied by the turbines beyond the horizon line.
Vegetation	0.5	Hilltop vegetation is dwarfed by the scale of the turbines.
Land Use	3	numerous turbines overlap in this view.
Water	1	Though subtle, given the atmospheric haze, attention is drawn away from the water and pulled into the distance.
Sky	1.5	The movement of the rotating blades repeatedly overlap each other and the horizon line.
Viewer Activity	2.5	Numerous blades interfere with the horizon line and one another movement creating visual clutter in this otherwise still view.
Total	9	Total all scores above
Average	1.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind Project
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 113

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The haze may reduce contrast visible in this view. The low angle of the sun may also give the turbines a more silhouetted contrast to the sky. Seasonal color may also effect the contrast to the turbines. The angle of the turbine heads may also effect the overlap and cluttered appearance.

Perceived effect on scenic quality/viewer enjoyment:

About half the horizon line remains unaltered in this view, giving respite to the eye as it travels along the shoreline. Given the scale and distance these turbines will have a moderate effect on viewers enjoyment. The overlapping movement and visual clutter diminish the scenic quality of the view.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 2
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a fairly expansive collection of sloping grassy / ag. fields that extend into the distance, towards the dense and varied wooded tree lines. The foreground has a two-story post office, small parking lot, and landscape trees that screen views from Route 34. These foreground elements partially screen the barn structures and wooded tree line in the background, on the right side of the image. The grassy / ag. fields slope towards the viewer.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The project components appear to be placed atop the contour of the land, without greatly modifying it. Vertical components contrast with the horizontal land form.
Vegetation	.5	Some minor clearing visible. The components color and texture visually blend with the existing vegetation where masking occurs.
Land Use	3	The project components contrast with the existing land uses.
Water	NA	
Sky	3	The skyline geometry contrasts with the existing view. Components extend above the existing skyline.
Viewer Activity	1	The change in land use and skyline geometry will be noted however, the scenic quality of the view has not been completely transformed.
Total	8.5	Total all scores above
Average	1.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 2

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken on a mostly clear day with the deciduous trees in a leaf-off condition. The white clouds may decrease the level of visual contrast of the white wind turbines. The high visibility of the scene allows the viewer to see many of the components that may be obscured in less favorable conditions. The sparse looking trees may obscure some of the project components in a leaf-on condition.

Perceived effect on scenic quality/viewer enjoyment:

The change in landuse and skyline geometry will be notable. The overall feeling of expansive grassy / ag. fields remains. The project components do not greatly modify the existing scene's pastoral character.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 4
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a grassy / ag. field that slopes sharply towards the viewer in the foreground, terminating in a vegetated drainage channel. The midground is an expansive open field that extends towards a very dense tree-lined backdrop in the center of the image. On the right side of the image, the midground field is interrupted by a grouping of large evergreen trees. The midground and background elements are elevated above the viewer's eye line.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	Th project components do not modify the view's ground plane contour. The components appear to sit atop the landform.
Vegetation	1	The changes to vegetation is not perceptible. Existing trees feel smaller in scale in relationship to the project components.
Land Use	2	The project components contrast with the existing ag. field's rural land use character. Foreground and midground land use remains unchanged.
Water	NA	
Sky	3	The project components contrast with the existing skyline geometry. The previously open sky has been populated with turbines.
Viewer Activity	1	The expansive view & ag. field aesthetic is not greatly modified by project components.
Total	8	Total all scores above
Average	1.6	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 4

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing photo is taken while the deciduous trees were in a leaf-off condition and the sky was clear. The leaves may obscure some of the project components. During snowy conditions, contrast between the white project components and the ground plane may be lower.

Perceived effect on scenic quality/viewer enjoyment:

Perceived changes in land use and skyline geometry will be notable. The general composition and expansive ag. field aesthetic has not been greatly modified. View of this scene will be short in duration and limited to traveling, excluding the few local residences. Project components are set back from the viewer, this minimizes their impact.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 8
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☒ Repeated/Regular ☐ Rare
Duration of View: ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of an expansive, rolling ag. field that slopes towards the viewer. The hillside rises into the distance and terminates at the base of a densely wooded tree line that stretches across the image. The tree line is obscured by a few ag. buildings and a multi-story residence on the left side of the image.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	5	The grade and contour of the land remains unchanged. The project components occur beyond the background land elements. The white components contrast with the light brown ag. field.
Vegetation	1.5	No clearing appears visible in the view. Project components effects the perception of the scale of the existing forest. The white project components contrasts with the grey/ brown treeline.
Land Use	2	The project components create a notable contrast with the existing rural scene however, this is mitigated by the components being located at a distance from the viewer.
Water	NA	
Sky	2.5	The skyline geometry is modified by the project components. The rising midground obscures part of the turbine on the right side of the image.
Viewer Activity	1	The project components appear behind the existing scene and do not interrupt the existing landform.
Total	7.5	Total all scores above
Average	1.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 8

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken during clear skies and with the deciduous vegetation in a leaf-off condition. Leaves and clouds may further obscure the project components. Snow of the ground may decrease the level of visual contrast created by the turbines.

Perceived effect on scenic quality/viewer enjoyment:

Projects components are partially obscured and located behind existing land form elements. Changes in skyline geometry and land use will be notable however, impacts are lessened by their distance to the viewer.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14A
VIEWPOINT LOCATION: Burns Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☐ Repeated/Regular ☒ Rare
Duration of View: ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of an expansive grassy ag. field that pitches gently towards the viewer, and extends out to a number of varied tree-lined hedgerows in the midground and background. The skyline geometry is varied with the patchy tree line in the background occasionally revealing openings where grade falls away. In the middle of the scene, two tall utility structures are visible.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	Some minor clearing impacts the perception of the landform. The components interrupt the horizontal line of the fields. The scale of the landform is modified by the large turbines
Vegetation	2	The tree line clearing is visible. Existing forested hedgerows appear much smaller and darker next to the large, white project components.
Land Use	3	The project components introduce a visual contrast to the existing image.
Water	NA	
Sky	3	The skyline geometry changes are notable with one turbine extending above the view.
Viewer Activity	1.5	The changes in land use and skyline geometry will be notable however, the basic composition of the existing scene remains mostly unchanged.
Total	12	Total all scores above
Average	2.4	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14A

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing image was taken during a clear day, with the deciduous vegetation in a leaf-off condition. Clouds may obscure project components. Leaves may also further obscure the project components. Snow on the ground may decrease the contrast of the turbines to the existing scene.

Perceived effect on scenic quality/viewer enjoyment:

Changes in land use type and skyline geometry will be notable. The turbine that is closest to the viewer may feel like a focal point due to it's size and height above the viewer. The texture and open feeling of the existing scene remains mostly unchanged in the simulations.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 14B
VIEWPOINT LOCATION: Burns Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of an ag. field, ag. pond, utility line, and forested patch in foreground / midground. The view extends beyond these elements a great distance towards varied forested patches in the background that are partially obscured by the weather. The midground is composed of varied ag fields, forested patches, and residences that are arranged in an open, rural manor.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2.5	The changes to midground grading and landform contour are evident. Components mask the landform beyond. The scale of the turbines effects the open feeling of the land.
Vegetation	2.5	The midground clearing is notable. The metallic and white color and texture of the components visually contrasts with a existing earthy palette and texture.
Land Use	3.5	The project components contrast appreciably with the surrounding rural aesthetic. Visual contrasts of the industrial aesthetic are notable.
Water	1	Water is present in the scene however, it appears smaller next to project components.
Sky	2.5	The clearing and project components have modified the existing skyline geometry.
Viewer Activity	3	The project component's industrial aesthetic and changes to the landuse type will be notable.
Total	15	Total all scores above
Average	2.5	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 14B

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing image was taken during a slightly cloudy day, with the deciduous vegetation in a leaf-off condition. The ag. field appears to have been harvested. The status of the ag. field crop height may greatly impact the visibility of the project components from this view.

Perceived effect on scenic quality/viewer enjoyment:

The changes in the land use and industrial aesthetic of the project components will be notable. The project components obscure parts of an otherwise long view. Impacts to the scene are mitigated by the infrequent view duration, and the setback of the project components from the viewer.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 24
VIEWPOINT LOCATION: Hill Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a series of continuous grassy ag. field lots that stretch across the image, paralleling Hill Road. These ag. fields are bound by a dense forested treeline in the background that undulates, and is partially obscured by ag. structures and a residence on the left side of the image. The field appears to be relatively flat. The tree-lined background provides a continuous skyline geometry that foreshortens the view.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The landform contour remains relatively unchanged however, project components slightly alter the overall scale of the view.
Vegetation	2	The existing vegetation remains unchanged. The scale, color, and texture of the forested areas contrasts with the bright white turbines above.
Land Use	3.5	The project components create a higher level of contrast than the rural aesthetic of the existing view.
Water	NA	
Sky	3	The skyline geometry changes are notable. The project components break up the existing horizontal skyline.
Viewer Activity	2.5	The project components have a high contrast to the existing view however, they do not completely change the geometry or texture of the existing scene.
Total	12	Total all scores above
Average	2.4	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 24

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing photo was taken during a mostly clear day, with the existing deciduous vegetation in a leaf-off condition. Leaves and clouds may obscure project components to a greater extent. A snowy ground plane may reduce the visual contrast of the project components.

Perceived effect on scenic quality/viewer enjoyment:

The project components do not greatly modify the existing land form or vegetation. The changes in land use and skyline geometry will be notable. The project component impacts are lessened by their distance from the viewer. The majority of the project components occur behind the existing tree-line, lessening their visual impact.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 28
VIEWPOINT LOCATION: State Route 34
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a wide ag. field that extends into the background, and is bound by a varied forested tree line on the left side of the image. A number of ag. structures occupy the background in the middle of the image. The right side of the image is composed of State Route 34. The ag. field appears to be post-harvest. The large utility poles and wires stretch across the center and right side of the image.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	The project components occur behind visible landform elements. The vertical components contrast with areas of the view that are more horizontally composed.
Vegetation	1.5	The existing vegetation remains unchanged. The scale of the turbines creates a visual contrast to the adjacent forested patches. The grey components blend into the vegetation in the background.
Land Use	2	The background project components contrast with existing land uses.
Water	NA	
Sky	2	The project components modify skyline geometry.
Viewer Activity	1.5	The changes to land use type and skyline geometry are notable.
Total	8.5	Total all scores above
Average	1.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 28

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing image was taken during a somewhat clear day, with the deciduous vegetation in a leaf-off condition. There appears to be a small amount of snow on the ground. Leaves and clouds may further obscure the project components. Additional snowy conditions may decrease the contrast of the project components against the existing scene.

Perceived effect on scenic quality/viewer enjoyment:

The project components occur beyond the background skyline and appear to be partially obscured by the existing vegetation. Changes in land use type and skyline geometry will be notable however, these effects are lessened by the distance the components are set back from the viewer.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 36
VIEWPOINT LOCATION: Indian Field Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view has a fairly long sight distance and is composed of a patchwork of grassy ag. fields, dense forested plots, and woody hedgerows. A few residences are scattered throughout, giving the scene a rural aesthetic. The foreground is a continuous grass field that parallels Indian Field Road. The viewer appears elevated above the lands beyond.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	2	The contour of the existing landform appears unchanged. The vertical white turbines break up the horizontal composition and create contrast with the brown pallet of the land.
Vegetation	1.5	The large, white turbines break create contrast with the vegetation's texture and color.
Land Use	2	The project components draw your focus and contrast with the rural aesthetic.
Water	NA	
Sky	3	The skyline geometry has been modified. This effect is heightened by the existing, perched view.
Viewer Activity	2	The texture and landform of the existing scene remains unchanged. The project components are set back a good distance from the viewer.
Total	10.5	Total all scores above
Average	2.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 36

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken during a clear day, with the deciduous vegetation in a leaf-off condition. The perched view does not create a huge difference with leaf or snow conditions. The distance of the project components to the viewer may allow for weather conditions to greatly impact the visibility of the proposed work.

Perceived effect on scenic quality/viewer enjoyment:

The changes in the land use and skyline geometry are notable. The project components occur at a good distance from the viewer. The shape and texture of the existing view is not greatly changed by the proposed elements. The project components draw your focus, given the perched vantage point.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 38
VIEWPOINT LOCATION: Center Road
LANDSCAPE SIMILARITY ZONE: Hamlet

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of grassy rural residential lots and grassy ag. field lots in the midground and foreground. The fields are bound by a dense forested tree line in the background. The midground is partially obscured by 2 residential structures and landscaping with the forested tree patch just off their shared back yard.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The landform appears at a smaller scale next to the large turbines.
Vegetation	1	The existing vegetation visually matches the color of the background turbines. The scale of the forested areas appears differently.
Land Use	1.5	The project components contrast with the existing rural scene however, they are set away from the viewer.
Water	NA	
Sky	3	The project components modify the existing skyline geometry.
Viewer Activity	2	The project components draw the viewer's focus.
Total	8.5	Total all scores above
Average	1.7	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 38

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken during a clear day, with vegetation in a leaf-off condition. Leaves will potentially further obscure project components. Weather may greatly impact turbine visibility. Snow may decrease component visual contrast.

Perceived effect on scenic quality/viewer enjoyment:

The changes in land use and skyline geometry are notable. The distance of the components to the viewer and the partial obscuring of the turbines by the existing background forested tree-line helps to lessen the visual impacts.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/04/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 51
VIEWPOINT LOCATION: State Route 90
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a sloping ag. / grassy field in the foreground. The midground is composed of a fairly large patch of deciduous forest. This midground tree-line obscures much of the extended forested and residential lands beyond. The forested lands on the right side of the image extend into the distance and read a forested rural landscape.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	The changes in land form are not perceptible.
Vegetation	1	Turbines form blend into the existing forested midground. The white components contrast with the grey/ brown tree tops.
Land Use	1.5	Some project components extend above the tree-line and contrast with the rural landscape below.
Water	NA	
Sky	1.5	The visible project components alter the existing skyline geometry.
Viewer Activity	1	The project components visually blur with the forested midground's tree-line.
Total	5	Total all scores above
Average	1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 51

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing image was taken on a clear day with the deciduous vegetation in a leaf-off condition. The ag. field appears to be after harvest. The ag. field crop may obscure project components prior to harvest. Project components may be less visible on cloudier days. The leaves on the forested tree-line may also obscure project components.

Perceived effect on scenic quality/viewer enjoyment:

The project components are set back from the viewer and blend in with the midground forested tree-line on the left side of the image. Changes in land use and skyline geometry are lessened by the visually dominant tree line.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 62
VIEWPOINT LOCATION: Owasco Bluffs Nature Preserve
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is composed of a lawn / recreational field in the foreground. The lawn terminates at a continuous and well defined tree-line and densely forested area that stretches across the image. The grade gently falls away from the viewer on the lawn and then appears to more steeply fall away in the forested area. A dark forested ridge line is visible through the trees in the distance. The trees otherwise foreshorten a long view of the valley/ lake.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	The land contours remain unchanged. The minor screening by the components visually blend into the grey landform background
Vegetation	1	Project components appear to visually blend into the midground tree tops.
Land Use	1	The project components are visible and contrast with the existing land uses however, they recede into the background.
Water	0	Water not visible in the view.
Sky	2	The skyline geometry has been modified.
Viewer Activity	1	The project components blend into the existing tree line however, they do not greatly distract from the existing naturalized scene.
Total	5	Total all scores above
Average	1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 62

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing photo was taken on a clear day, with the deciduous vegetation in a leaf-off condition. Leaves on the trees would further obscure the project components. The weather conditions may also reduce the visibility of the project components.

Perceived effect on scenic quality/viewer enjoyment:

The project components appear to be obscured by the midground tree line and set back away from the viewer. The vertical nature of the project components blend into the branching. The distance of the components to the viewer reduces the component's visual impact. The foreground and midground remain entirely undisturbed. The scenic quality of the existing scene is not greatly modified.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 65
VIEWPOINT LOCATION: Rockefeller Road
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view appears to be across Owasco Lake and valley towards a patchy forest / ag. field / residential lots on the ridge beyond. The foreground lawn slopes away from the viewer and terminates at a brush line that disappears with grade. A singular landscape tree and residence is visible on the left side of the image. The ridge beyond appears hazy and far off in the distance.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	The landform appears to remain unchanged. Components appear beyond the existing contour of the land. Turbines effect the scale of the forested hillside in the background.
Vegetation	1	The visibility and extents of the existing vegetation appears to remain unchanged. The turbines effect the scale of the tree line. The component's color and texture blends into the tree line.
Land Use	2.5	The project components contrast with the existing land uses.
Water	0	No changes in these areas.
Sky	3	The skyline geometry appears to be strongly modified.
Viewer Activity	1	The changes in land use and skyline geometry may be notable however, components are located a good distance.
Total	8.5	Total all scores above
Average	1.42	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 65

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken on a mostly clear day with the deciduous vegetation in a leaf-off condition. The visibility of the turbines may vary greatly depending on the weather at this distance. Leaves will have a small influence on the visual contrast of the overall scenes. Snow on the ground may decrease the contrast of the ground plane and the components above, decreasing the visual impacts.

Perceived effect on scenic quality/viewer enjoyment:

Changes to land use and skyline geometry may be notable however, the long view and dramatic contour of the lake valley remains unchanged. The distance of the project components to viewer lessened the overall visual impact.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 71
VIEWPOINT LOCATION: Jugg Street
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is looking across a large grassy / ag. field, a patchwork of forested and residential lots, and towards a hazy lake ridge beyond. The foreground grassy field appears relatively flat and terminates at a sparse, yet tall tree line that partially obscures the patchwork varied lots in the midground beyond. The background elements appears to be bands of dark forested elements with the ridge line background rising well above the midground and foreground elements.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	Turbines appear beyond the existing landform only create contrast in areas of sky.
Vegetation	0	No visible change to the existing vegetation. Background vegetation and components all blend together.
Land Use	2	The project components contrast with the existing land uses.
Water	NA	
Sky	2.5	The skyline geometry has been modified by the project components.
Viewer Activity	1	The project components appear in the far distance.
Total	5.5	Total all scores above
Average	1.1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 71

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken on a somewhat clear day with the deciduous vegetation in a leaf-off condition. The level of visibility and weather will greatly impact the visibility of the project components, with the turbines appears hazy in this mostly clear view. The midground tree-line vegetation may further obscure project components on the right side of the image. Snow on the ground may decrease the contrast of the ground planes and the sky above, decreasing the project component's visual impact.

Perceived effect on scenic quality/viewer enjoyment:

Changes to land use and skyline geometry may be notable to some however, project components are at a good distance to the viewer and their impact will greatly be influenced by the visibility on the day. The landform contour and overall openness of the existing scene remains unchanged.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 82
VIEWPOINT LOCATION: Owasco Lake
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☒ Repeated/Regular ☐ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is taken on the water, on Owasco lake. The midground and foreground are composed of entirely water. The background is a very densely wooded shoreline that rises quickly from the water's edge. The background forest extends well above the viewer's eye. The shoreline has residences spaced across the right side of the image, breaking up the otherwise densely forested shoreline.

CONTRAST RATING SCORE CHART:

Insignificant 0 0.5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	No visual contrast in landform is perceptible. Components appear beyond the existing visible landform and only create contrast in the sky areas of the image.
Vegetation	0	No clearing or modification to the existing vegetation is perceptible. Components only appear visible beyond the existing tree line.
Land Use	3	The project components contrast with the existing land use.
Water	0	No visual contrast in water areas of the scene are visible. Components occur well beyond the shoreline and water's surface.
Sky	3	The project components modify the existing skyline geometry.
Viewer Activity	2	The project components are located in the distance. Changes in land use and skyline will be notable.
Total	8	Total all scores above
Average	1.33	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 82

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken during a cloudy day, with the deciduous vegetation in a leaf-on condition. An all blue sky condition may create more contrast with the project components. A leaf-off condition may reveal additional more the project components.

Perceived effect on scenic quality/viewer enjoyment:

The project components are set behind the existing landform elements. The view of the water and the forested shoreline remains uninterrupted. The components appear in the distance and visually blend in with the cloudy sky beyond. Changes to land use and skyline geometry may be notable to some.

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER:
VIEWPOINT LOCATION:
LANDSCAPE SIMILARITY ZONE:

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is taken on the water on Owasco lake. The midground and foreground are composed of entirely water. The background is a very densely wooded shoreline that rises quickly from the water's edge. The forested background foreshortens the view. Ag. fields and residences break up the otherwise forested shoreline on the right side of the image.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	0	The existing landform remains unchanged. Project components appear beyond the land and are only visible in the sky areas of the existing image.
Vegetation	0	The turbines are not visible in the areas of the image that are vegetated. The turbine color matches the sky color beyond.
Land Use	2.5	The project components contrast with the existing land use.
Water	0	No visual contrast in water areas of the scene are visible. Components occur well beyond the shoreline and water's surface.
Sky	2.5	The project components modify the existing skyline geometry.
Viewer Activity	2	The project components are set back in the distance. The existing water and landform remain unchanged.
Total	7	Total all scores above
Average	1.17	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:



VIEWPOINT NUMBER:

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken during a mostly clear day with some clouds visible behind the project components. A blue sky may have a greater visual contrast. A lower visibility day may obscure the project components entirely. The forested shoreline is in a leaf-on condition. A leaf-off condition may further reveal project components and increase the visual contrast in the simulated views.

Perceived effect on scenic quality/viewer enjoyment:

The changes to land use and skyline geometry may be notable to some. The water and landform elements remain unchanged. The project components are set back in the distance and they do not visually dominate the scene. Several wind turbines are partially obscured by the forested ridge line. This decreases the visual impact of these elements.

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER:
VIEWPOINT LOCATION:
LANDSCAPE SIMILARITY ZONE:

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency ☐ Repeated/Regular ☒ Rare
Duration of View ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is taken on the water on Owasco lake. The midground and foreground are composed of entirely water. The background is a very densely wooded shoreline that rises quickly from the water's edge. Residences occur regularly along the waterfront, breaking up an otherwise very dense forested shoreline.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1.5	Project components occur beyond the existing landform. Vertical turbines interrupt the existing horizontal treeline geometry.
Vegetation	1	A greater contrast of the tree line occurs next to the white project components beyond.
Land Use	3	The changes to land use are notable.
Water	0	No visual contrast in water areas of the scene are visible. Components occur well beyond the shoreline and water's surface.
Sky	3	The project components modify the existing skyline geometry.
Viewer Activity	2	The changes to skyline geometry and land use are notable however, project components are behind existing landform elements.
Total	10.5	Total all scores above
Average	1.75	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT:
EDR PROJECT NUMBER:



VIEWPOINT NUMBER:

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken on a clear day with the deciduous vegetation in a leaf-off condition. A cloudier day may decrease the visibility of the turbines. The forested shoreline in a leaf-off condition may reveal more of the of the project components, which may increase the visual contrast.

Perceived effect on scenic quality/viewer enjoyment:

The existing landform, water, and vegetation remains unchanged from the existing view. The changes in the skyline geometry and land use may be notable. The components are set back from the viewer and they are greatly obscured by the treeline. The project components are spaced in a even way that does not draw your focus to them.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 111
VIEWPOINT LOCATION: East Venice Cemetery
LANDSCAPE SIMILARITY ZONE: Agricultural/Rural Residential

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☒ Moderate ☐ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☐ Repeated/Regular ☒ Rare
Duration of View: ☐ Long ☒ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view contains a rural cemetery with a grassy / ag. field in the foreground. The field terminates at a collection of ag. buildings and a densely forested tree line on the left side of the image. The field appears to continue on the right side of the image, transitioning to various crop/field types before meeting another dense tree line in the far distance.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	Project components occur beyond the existing landform. Vertical turbines interrupt an otherwise horizontal treetop geometry.
Vegetation	.5	The dark midground and background trees contrasts again the white turbines beyond.
Land Use	3	The project components contrast with existing land uses.
Water	NA	
Sky	2.5	The existing skyline geometry has been modified.
Viewer Activity	2	The changes in land uses are notable. The project components are located in the distance.
Total	9	Total all scores above
Average	1.8	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 111

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing image was taken during a clear day with the deciduous vegetation in a leaf-on condition. During a more cloudy day, project components may be less visible. During a leaf-off condition, more of the turbines may be visible. Project components visually blend into the hazy blue sky in the simulated image.

Perceived effect on scenic quality/viewer enjoyment:

The changes in land use and skyline geometry may be be notable to some viewers. There are no changes to the existing landform or vegetation in the proposed view. The project components are set away from the viewer and blend into the hazy blue sky.

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029

RATER INFORMATION:

NAME: Kenneth Gifford RLA
DATE: 10/11/2024



VIEWPOINT INFORMATION:

VIEWPOINT NUMBER: 113
VIEWPOINT LOCATION: Melrose Park
LANDSCAPE SIMILARITY ZONE: Owasco Lake

VIEWPOINT SENSITIVITY:

SCENIC QUALITY: (Please rate existing scenic quality)
☐ Low ☐ Moderate ☒ High

VIEWER EXPOSURE: (Please rate frequency and duration of view)

Frequency: ☐ Repeated/Regular ☒ Rare
Duration of View: ☒ Long ☐ Short

EXISTING VIEW DESCRIPTION: (Please describe this view in your own words)

The existing view is a waterfront view across Owasco Lake, towards a far shoreline with densely spaced residences and a steep forested ridge that rises above the viewer. The existing view is a mostly clear day with some clouds and haziness, particularly on the left side of the image.

CONTRAST RATING SCORE CHART:



CONTRAST RATING TABLE

(Please rate the level of contrast between the photosimulation and the existing view.)

Component	Score	Description of Contrast
Landform	1	Visible contrast in the scene occurs above the landform. The components visually blend into the sky beyond.
Vegetation	.5	Wooded hillsides in the background are not obscured. Components have a similar color as the distant tree line. Turbines interrupt an otherwise horizontal forested tree-top composition.
Land Use	1.5	The project components contrast with existing land uses. These impacts are limited.
Water	0	No visual contrast in water areas of the scene are visible. Components occur well beyond the shoreline and water's surface.
Sky	2	The skyline geometry has been modified.
Viewer Activity	1	The project components are located in the distance.
Total	6	Total all scores above
Average	1	Average all scores above

VISUAL CONTRAST RATING FORM

PROJECT: Agricola Wind
EDR PROJECT NUMBER: 21029



VIEWPOINT NUMBER: 113

EFFECTIVENESS AND PERCEIVED VARIABILITY

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):

The existing view was taken on a mostly clear day with some clouds/ haziness on the left side of the image. The weather and visibility when viewing this scene will strongly impact the visual contrast. The existing deciduous vegetation was in a leaf-off condition. Leaf-on conditions will not dramatically change the visual contrast.

Perceived effect on scenic quality/viewer enjoyment:

The project components are in the far distance in the simulated image. The turbines are visible and contrast with the existing land uses however, these components visually blend into the atmosphere at this distance and in these weather conditions. Similar impacts can be noted about the skyline geometry's visual contrasts. The water, vegetation, and landform remain unchanged from the existing view.

JONATHAN PEET RLA ASLA

Principal



Licensure

- Registered Landscape Architect in the State of New York (#002436-1)
- Registered Landscape Architect in the Commonwealth of Massachusetts (#1501)

Education

- Bachelor of Science in Landscape Architecture, State University of New York, College of Environmental Science and Forestry, 2000

Professional Memberships

- American Society of Landscape Architects, Member
- New York State Association of Transportation Engineers, Member

Other

- Guest Lecturer / Guest Critic at SUNY ESF and Cornell University, 2013 - Present
- New York State Association of Transportation Engineers Conference Presenter, 2016

Professional Experience

- TWM Fisher Associates, Senior Project Manager, Ithaca NY, 2021 to 2023
- Trowbridge Wolf Michaels Landscape Architects, Senior Landscape Architect, Ithaca NY, 2013 to 2021
- Halvorson Design Partnership, Senior Associate, Boston MA, 2003 to 2013
- Bergmann Associates, Landscape Designer, Rochester NY, 2000 to 2003

Jonathan is a registered landscape architect with 23 years of experience managing and collaborating with multidisciplinary teams to provide design services for municipal, commercial, and institutional clients. He has worked from conceptual design through construction observation on many successful projects, with an emphasis on community engagement and design communications on complex transportation and greenspace projects. His focus is on public landscapes that foster community, create common ground, and strengthen ecological connections.

CURRENT PROJECT WORK

SUNY Cobleskill Renovation and Addition to Home Economics (2025)

Skaneateles Library (2025)

North Tonawanda Twin City Memorial Highway (2025)

City of Ithaca Active Transportation Plan (2025)

City of Corning Comprehensive Plan (2024)

Hoffman Falls Wind Project, VIA Rating Panel Member (2024)

Cornell University Treman Triangle Park Ped Bridge Feasibility Study (2023)

SELECT PROJECTS UNDER PRIOR EMPLOYMENT

INFRASTRUCTURE / STREETSCAPES

I-81 Viaduct Project, Phase 1 Contract 3, Syracuse, NY (2023)

I-81 Viaduct Project, Phases I-IV and VIA, Syracuse, NY (2022)

Inner Loop North Transformation Project, Rochester, NY (2022)

State Street Reconstruction Project, Rochester, NY (2022)

I-690 Teall Ave Interchange, Directed Design, Syracuse, NY (2016)

Governor Mario M. Cuomo (Tappan Zee) Bridge Shared Use Path and Landings, Nyack-Tarrytown, NY (2014)

PARKS / GREENSPACE / WATERFRONTS

High Falls State Park Preliminary Concept Plan, Rochester, NY (2022)

Allegany State Park Comport Stations, Salamanca, NY (2021)

Buffalo Outer Harbor Wilkeson Pointe Activation, Buffalo, NY (2022)

Terminal B at Buffalo Outer Harbor, Buffalo, NY (2021)

Buffalo Outer Harbor Comprehensive Plan, Buffalo, NY (2019)

Buffalo Outer Harbor Civic Improvements, Buffalo, NY (2019)

Buffalo Harbor State Park, Buffalo, NY (2016)

High Falls Pedestrian Access Plan, Rochester, NY (2016)

HIGHER EDUCATION

Cornell University North Campus Residential Expansion, Ithaca, NY (2018)

COMMERCIAL

Catherine Commons, Ithaca, NY (2022)

Corning Inc. Campus Landscape and Atria Renovation, Corning, NY (2020)

RESIDENTIAL / HOUSING

INHS 210 Hancock Street Redevelopment, Ithaca, NY (2015)

INHS Stone Quarry Apartments, Ithaca, NY (2014)

INHS Greenways Residences, Ithaca, NY (2014)



Education

- Bachelor of Landscape Architecture, State University of New York College of Environmental Science and Forestry, 2006

Registration

- Registered Landscape Architect: NY #002690

Professional Affiliations

- Member, American Society of Landscape Architect (ASLA)
- Member, NY Upstate ASLA Chapter Board: Student Liaison to SUNY College of Environmental Science & Forestry, 2020-present

Employment History

- Senior Landscape Architect/Project Manager, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, DPC, Syracuse, NY, 2018-present
- Associate Landscape Architect, Maxian + Horst Landscape Architects + Land Planners PLLC. WBE., Syracuse, NY, 2017-2018
- Landscape Designer, Maxian + Horst Landscape Architects + Land Planners PLLC. WBE., Syracuse, NY, 2007-2017

Emily Garavuso is a Project Manager and Senior Landscape Architect with EDR. She is a registered Landscape Architect in the state of New York with 16+ years of professional experience in the field. Emily served as a board member of the New York Upstate Chapter of the American Society of Landscape Architects from 2019-2022. She has practiced on a wide range of projects including residential, commercial, institutional, industrial, municipal, and environmental. Her knowledge includes civil engineering such as stormwater hydrology, community and land use planning, visual impact assessment and mitigation.

As a project manager Emily's responsibilities include: all stages of design development from concept through construction documents, bidding and construction administration phases; providing technical guidance to production team; performs research and consults with government agencies that may have jurisdiction over a project area; consultation with material suppliers and experts as required; coordinates in-house production activities with those of the prime consultant, project sub-consultants to EDR and other disciplines within EDR.

Project Experience

SOLAR/WIND/BATTERY STORAGE

White Creek Solar, Livingston County, NY – Provided visual impact assessment rating for development of a proposed 135 MW solar facility located on approximately 1,679 acres in the Towns of Leicester and York, Livingston County, NY.

Alfred Oaks Solar, Allegany, NY – Provided visual impact assessment rating for development of a proposed 100 MW solar facility located on 1,093.7 acres in the Town of Alfred, Allegany County, NY.

Union Ridge Solar, Licking County, OH - Provided landscape mitigation and buffering design services and developed vegetation management strategy for a proposed 108-megawatt solar facility spanning approximately 550 acres. Developed various mitigation strategies to address specific neighborhood concerns and aesthetic goals.

Wheatsborough Solar, OH - Provided landscape design services and developed vegetation management strategy for a proposed 125-megawatt solar facility with on-site battery storage facility. Instrumental in developing a comprehensive screening and revegetation strategy spanning the 600-acre project area.

Tymochtee Solar, OH - Provided landscape design services, vegetation management strategy, and tree and shrub protection plan for a proposed 120-megawatt solar facility with on-site battery storage facility. Developed a comprehensive screening and revegetation strategy spanning the 1,900-acre project area.

Hannacroix Solar, New Baltimore, NY – Provided grading plans, and erosion and sediment control plans together with drainage calculations for the development of the Stormwater Pollution Prevention Plan (SWPPP) for a 5-megawatt solar facility located on 38 acres in the Town of New Baltimore in Greene County, NY.

Hawthorn Solar, Hoosick, NY – Developed Concept site plan for site plan review for of a 20-megawatt solar facility located on 300 acres in the town of Hoosick, in Rensselaer County, NY.

Dolan Solar, Fort Edward, NY – Developed Concept site plan for site plan review for of a 20-megawatt solar facility located on 225 acres in the town of Fort Edward, in Washington County, NY

Feliciano Solar, New Baltimore, NY – Provided grading plans, and erosion and sediment control plans together with drainage calculations for the development of the Stormwater Pollution Prevention Plan (SWPPP) for a 2.5-megawatt solar facility located on 35 acres in the Town of Ticonderoga in Essex County, NY.

Riverhead Solar, Calverton, NY – Provided visual impact assessment rating for development of a proposed 36 MW solar facility located on 283 acres in the Town of Riverhead in Suffolk County, NY.

Flint Mine Solar, Coxsackie, NY – Provided visual impact assessment rating for development of a proposed 100 MW solar facility located on 1,638 acres in the Towns of Coxsackie and Athens, in Greene County, NY.

Mohawk Solar, Canajoharie and Minden, NY – Provided landscape design services vegetation management strategy, and tree and shrub screening for a proposed 90.5 MW solar facility located on 530 acres in Montgomery County, NY.

Alamo Solar, Washington and Gasper, OH – Provided landscape design services vegetation management strategy, and tree and shrub screening for a proposed 90 MW solar facility located on 994 acres in Preble County, OH.

Wild Grains Solar, Van Wert County, OH - Provided landscape design services, vegetation management strategy, and tree and shrub protection plan for a proposed 150-megawatt solar facility. Developed a comprehensive screening and revegetation strategy spanning the 2,324-acre project area. Developed a site lighting plan

Flint Grid Energy Storage System, Jersey, OH – Provided landscape design services vegetation management strategy, and tree and shrub protection plan for a proposed 200-megawatt battery storage facility. Developed a comprehensive screening and revegetation strategy spanning the 15-acre project area located in Jersey Township in Licking County, OH.

Moraine Solar, Burns, NY – Provided visual impact assessment rating for development of a proposed 94 MW solar facility located on 842 acres in the Town of Burns and Dansville, in Allegany and Steuben Counties, NY.

Alle-Catt Wind Farm, NY – Provided visual impact assessment rating for development of a proposed 117 MW turbine wind facility located on 26,900 acres of leased land in the Towns of Arcade, Centerville, Freedom, Farmersville and Rushford, in Allegany, Cattaraugus, and Wyoming Counties, NY

Horseshoe Solar, Rush, NY – Provided visual impact assessment rating for development of a proposed 180 MW solar facility located on 1,870 acres in the Town of Caledonia and Town of Rush, in Monroe County, NY.

Powell Solar Facility, Paulding County, OH – Provided native plant selection for visual mitigation modules as well as compiled the Landscape Mitigation Report for a 150 MW photovoltaic solar facility spanning 2022 acres across Liberty and Palmer Townships in Putnam County, Ohio.

Yellowbud Solar, OH – Provided native plant selection for visual mitigation modules as well as compiled the Landscape Mitigation Report for a 274 MW photovoltaic solar facility spanning 2040-acres across Union, Wayne, Deerfield and Deer Creek Townships in Pickaway and Rosa Counties, Ohio.



Ken is a Landscape Architect at EDR. He is also a Registered Landscape Architect and SITES-certified Accredited Professional, with more than 10 years of professional experience including streetscapes, higher education campus planning, athletic facilities, recreation trails, private residences, and wetland mitigation design. In this role, Ken's responsibilities include concept design, preliminary design, design development, construction documentation, bidding, and construction administration phases; and working in close concert with outside consultants and other EDR disciplines.

Project Experience

South Ripley, Town of Ripley, NY - Provided visual impact assessment rating for development of a proposed 270 MW solar facility located on approximately 1,295 acres in the Chautauqua County, NY

Bear Ridge, Cambria and Pendleton, NY - Provided visual impact assessment rating for development of a proposed 100 MW solar facility located on 953 acres in Niagara County, NY

Moraine, Burns and Dansville, NY - Provided visual impact assessment rating for development of a proposed 94 MW solar facility located on 598 acres in Allegany and Steuben County, NY

Rotterdam Solar, NY - Provided visual impact assessment rating for development of a proposed 20 MW solar facility located on 450 acres in the Town of Rotterdam in Schenectady County, NY.

White Creek Solar, Leicester and York, NY - Provided visual impact assessment rating for development of a proposed 135MW solar facility located on 2,135 acres in the Towns of Leicester and York, in Livingston County, NY.

Yellow Barn Solar, NY - Provided visual impact assessment rating for development of a proposed 160 MW solar facility located on 858 acres in the Towns of Groton and Lansing, in Tompkins County, NY.

Orange Grove, Syracuse University, Syracuse, NY - Supported design, document, and oversee campus improvements at Syracuse University. The project focused on enhancing the pedestrian experience, ADA accessibility, utility services, and maintenance operations. The built work successfully blends into the historic quad's aesthetic and function.

Owera Vineyard & Events Center, Cazenovia, NY - Supported design development, contract documentation and construction oversight in support for development of Madison County's first farm winery located on picturesque grounds near Cazenovia Lake.

Skaneateles Lake Country Club Waterfront Master Plan, Skaneateles, NY - Supported site planning and design related design studies and conceptual design details options for redevelopment of the lake shoreline.

Campus Wide Exterior Signage System, Syracuse University Main Campus, Syracuse, NY - Supported development of a new consistent signage design package that includes standards for the identification of buildings, wayfinding for vehicles and pedestrians, identification of parking lots, unification of guard booths, street name signage, and identification of campus gateways. One of the project goals is to develop a durable low maintenance family of signage that is cost-effective, yet, still unique and impactful.

Fairfield Inn & Suites, Town of DeWitt, NY - Supported site design and municipal permitting services for a new, 106-room hotel in the Town of DeWitt. Project work included the design of utilities, parking lot, site lighting, planting, and grading and drainage. EDR

Education

- Bachelor of Landscape Architecture, State University of New York College of Environmental Science & Forestry, Syracuse, NY, 2011

Registration / Certification

- Licensed Landscape Architect, NY #003021, 2021
- Registered Landscape Architect, WA
- Sustainable Sites Initiatives (SITES) Accredited Professional

Professional Affiliations

- Member, American Society of Landscape Architects
- Past Member, WASLA Chapter Student and Emerging Professional Committee

Employment History

- Landscape Architect, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C., 2021-present
- Landscape Architect, Weber Thompson, Seattle, WA, 2018-2021

prepared a Site Plan Review package and helped guide the project through the Town of DeWitt Planning Board approval process and prepared the project SWPPP.

Homewood Suites, Town of DeWitt, Onondaga County, NY - Supported site design and permitting for a new 4-story, 80-room hotel including siting the building, grading and stormwater design, layout of parking and pedestrian pavements, utilities, erosion and sedimentation plan, and planting design. The project site is located within the Pioneer Business Park, which has an existing detention pond system that was designed to provide peak-flow mitigation for all development in the subdivision. One of the challenges of this project was to meet the current NYSDEC water quality and runoff reduction goals prior to releasing stormwater flows into the existing detention pond system, located across the street from the site. This was achieved through the use of a green roof, tree plantings, stormwater planters, and a hydro-dynamic separator. EDR prepared a Site Plan Review package and helped guide the project through the Town of DeWitt Planning Board approval process and prepared the project SWPPP.

Weighlock Café, Dewitt, NY - Worked with team to provide design development, contract documentation and approved planning board site drawings with improvements to the outdoor seating and parking.

Owasco River Multi-Modal Trail Corridor Plan, Auburn, NY - Supported design and development of site plans and details in the preparation of alternative planning related studies, public and agency approvals, and a final conceptual master plan for a 6-mile trail from Wadsworth Park to Owasco Lake in Auburn, New York.

Northwood School, Lake Placid, NY - Northwood School, founded in 1905, is an independent, co-educational college preparatory school in the Adirondack park serving approximately 175 students in grades 9-12. The project scope included the construction of two new classroom buildings and the conversion of a vehicular road into a pedestrian corridor connecting student dorms to the academic buildings. Supported siting the two buildings, layout of the new walk and lighting, stormwater management design, SWPPP preparation, and planting design.

New Liberal Arts Building, SUNY Brockport, Brockport, NY - Supported design of site improvements for a new 61,000 square foot academic building. The design preserves an existing grove of shade trees and existing open lawn areas precious to outdoor student activities. Working as a sub-consultant for SWBR, the site improvements include concrete walkways, plazas, benches, bike racks, a pedestrian bridge, a shared use fire access and pedestrian walkway, lighting, and a delivery/service drive.

Eastover Road New Electrical Substation Project, National Grid, Rensselaer County, NY - Supported production of report for compliance with the requirements of Part 102 of the Public Service Law. Team member to help accomplish scope of work for the State Environmental Quality Review compliance including environmental data collection and studies necessary to complete the Part 102 report (including visual impact assessment, background data collection, wetland delineation, Phase 1A Cultural Resources Survey, with NYS Department of Agriculture & Markets, and preparation of an Environmental Assessment Forum -- including Part 3 narrative).

Goldberg Residence, Cazenovia, NY - Supported development of shop drawings for custom pre-cast patio walls, steps, and pool copings.

CNY Biotechnology Research Accelerator, SUNY Upstate Medical Center & SUNY ESF, Syracuse, Onondaga County, NY - Completed Stormwater Pollution Prevention Plan (SWPPP) inspections at the construction site of a new 50,000 SF medical research facility on 14-acre site. Work included on-site SWPPP monitoring and preparation of weekly SWPPP reports. Reviewed contractor submittals for water, sanitary sewer, and storm drainage utilities for project specification compliance.

Five Mile Substation, National Grid, Humphrey, NY - Supported siting of the substation and design of grading, stormwater management, erosion and sedimentation controls, planting for substation screening, and SWPPP preparation.

DASNY, SUNY Oneonta Parking Project, Oneonta, NY - Supported production of documents to address storm water grading, planting, and utility plans.

SUNY Buffalo South Campus, Buffalo, NY - Supported preparation of study that analyzed the feasibility of a housing and neighborhood revitalization strategy developed by the University, the city of Buffalo and the towns of Amherst and Tonawanda. The housing revitalization strategy is part of a comprehensive effort that also includes attention to public education, safety, and commercial development. The housing strategy focuses on improving the attractiveness of the neighborhood and the area's housing stock by undertaking a large-scale effort to acquire, rehabilitate, and re-occupy homes to remove blighting influences and stabilize entire blocks.
