Appendix E

Visual Impact Assessment Rating Forms

Visual Impact Rating Form Instructions

Project Name:	Mohawk Solar	EDR Project No:	16044
Date:	April 03, 2019		
Reference:	Visual Impact Rating Form - Instructions		

These instructions are intended to guide personnel conducting visual impact assessment contrast ratings through EDR's Visual Impact Rating Form.

Viewpoint Number/Location:

Please fill this in based on the information in the title block for each photograph/viewpoint that is provided.

Your Name/Date:

Please complete.

Landscape Similarity Zone:

The definition of landscape types found in a given study area provides a useful framework for the analysis of available visual resources and viewer circumstances. These landscape types, or Landscape Similarity Zones (LSZs), are defined based on the similarity of features such as landform, vegetation, water, and land use patterns. The LSZs within the study area include:

- Forest
- Village
- Rural Uplands
- Transportation Corridor
- Mohawk Valley

For a full description of each LSZ please see the attached sheet

Viewer Type:

The different categories of potential viewer types found in a given study area provides a useful framework for the analysis of viewer sensitivity. Viewer types, are defined as, Local Residents, Through Traveler/Commuter and Tourist/Recreational User. A Viewer type will be noted on the rating sheet, if you feel that this designation is not correct please infer who the mostly likely viewer(s) is/are based on the location and context of the view. More than one viewer type may be present at a given location. Please also refer to the Viewpoint Context Sheet for location maps and additional photographs.

Designated Aesthetic Resources:

The visual study area includes a variety of public resources and/or designated visually sensitive resources that are of potential statewide significance. These include:

- Properties of Historic Significance, Sites listed on the National or State Register of Historic Places (NRHP & SRHP), & Sites eligible for listing on the NRHP or SHRP.
- Designated Scenic Resources, sites, areas, lakes, reservoirs or highways designated or eligible for designation as scenic
- Public Lands and Recreational Resources, heritage areas, trails, local parks and recreation areas, named lakes, ponds and reservoirs.
- High-Use Public Areas, state, US and Interstate Highways, schools, cities, villages and hamlets.

Please refer to the Viewpoint Context Sheet, viewpoint location maps and photographs from each viewpoint to determine whether the view is from a specific visually sensitive resource.

Viewpoint Description:

Please describe the view in your own words, focusing on the landscape characteristics described below, if relevant.

- *Landscape Composition:* The arrangement of objects and voids in the landscape that can be categorized by their spatial arrangement. Basic landscape components include vegetation, landform, water and sky.

- *Form, Line, Color, and Texture*: These are the four major compositional elements that define the perceived visual character of a landscape. Form refers to the 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; usually evident as the edges of shapes or masses in the landscape. Texture in this context refers to the visual surface characteristics of an object.

- *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, 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.

- *Order*: Natural landscapes have an underlying order determined by natural processes. Cultural landscapes exhibit order by displaying traditional or logical patterns of land use/development. Elements in the landscape that are inconsistent with this natural order may detract from scenic quality.

- *Atmospheric Conditions*: Clouds, precipitation, haze, and other ambient air related conditions affect the visibility of an object or objects and can greatly impact the design elements of form, line, color, texture, and scale.

- *Lighting Direction*: Backlighting refers to a viewing situation in which sunlight is coming toward the observer from behind a feature or elements in a scene. Front lighting refers to a situation where the light source is coming from behind the observer and falling directly upon the area being viewed. Side lighting refers to a viewing situation in which sunlight is coming from the side of the observer to a feature or elements in a scene.

- *Visual Clutter*: Numerous unrelated built elements occurring within a view can create visual clutter, which adversely impacts scenic quality.

Viewpoint Sensitivity:

Please rate the sensitivity of each viewpoint as determined by scenic quality and viewer exposure, as follows:

Scenic Quality:

Please rate the scenic quality of the existing view without the project in place. 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, might be at the high end of the scale, while a landscape that appears monotonous or is already impacted by infrastructure or industrial facilities might be at the low end. Most residential areas will fall into the moderate category, unless they are either historic neighborhoods, or degraded/abandoned. Note that designation as a scenic or recreational resource is an indication that there is broad public consensus on the value of that particular resource. The particular characteristics of the resource that contribute to its scenic or recreational value provide guidance in evaluating a project's visual impact on that resource. However, the scenic quality rating you assign should be based on your individual judgment.

View Exposure:

Some views are seen as quick glimpses while driving along a roadway or hiking a trail, while others are seen for a more prolonged period of time. Longer duration views of a project, especially from significant aesthetic resources, have the greatest potential for visual impact. Please infer the frequency and duration of views based on the Viewer Type, LSZ, viewpoint context, and viewpoint location map. Please indicate whether there is potential for continuous or repeated exposure (such as from residences, public facilities, or principal transportation routes with an open view toward the project), brief or occasional exposure (such as openings in otherwise screened areas or secondary roads that most people will not use on a daily basis), or rare exposure (such as viewpoints that are clearly off the beaten track and/or represent small areas of narrow visibility in otherwise completely screened areas).

Contrast Rating:

Please rate the level of contrast that you perceive between the existing landscape features (as they appear in each in photo) and the effect that the proposed project has on those components. This will be done for both the 3-6-month post install simulations and for the 5-7 year post install simulations. Please provide a numerical contrast rating between 0 and 4 for each landscape component, where:

0 = Insignificant/None
1 = Minimal
2 = Moderate
3 = Appreciable
4 = Strong
* (please make use of .5 necessary to allow for more accurate ratings, e.g., 2.5 = Moderate to Appreciable Contrast).

Please then also describe in your own words the factors that contribute to or affect, the project's degree of contrast with each landscape feature. Please consider the following:

Landform: Please consider the effect of the project 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 project 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 project 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 project 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 project 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 project 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.

Effectiveness of mitigation planting modules:

Plantings will be installed throughout the project site at designated locations to mitigate the visual effects of the proposed project components. The goal of the mitigation is to better integrate the project into the existing landscape, by softening the edges of the fence line and solar array, without creating a virtual barrier of green. Four individual planting modules were created to mitigate the installation of the proposed Project (Pollinator, Roadside, Hedgerow and Adjacent Residence). One of these modules is represented in each simulation as indicated on the context page.

Variable factors that may have influenced rating:

Please note any conditions, based on what is visible in the photographs, that, if different, could influence the perceived degree of contrast between the project and the existing features of the landscape (atmospheric condition, seasonal changes, etc.).

Perceived effect on scenic quality/viewer enjoyment:

Please summarize your evaluation of the project's overall effect on the appearance of the selected view, taking into account the viewpoint location and context, sensitivity, scenic quality viewer type, and viewer exposure.

Landscape Similarity Zones

Forest

The Forest LSZ covers approximately 21.9% of the visual study area. This zone is characterized by the dominance of mixed deciduous trees with sparse coniferous tree cover, often in association with moderately steep topography. The Forest LSZ is most prevalent in the southeastern portion of the visual study area where Interstate 20, a scenic byway, crosses through the visual study area and steeper slopes restrict opportunities for agricultural and residential developments. However, these steep hills give way to more gentle terrain within the rest of the study area, north of U.S. 20, where the Forest LSZ is composed of smaller forest lots interspersed between agricultural fields and residences. The forests are dissected by small streams, including Canajoharie Creek, Bowmans Creek, Otsquago Creek, Flat Creek, and Brimstone Creek, which often run through small valleys between the hills. Views within this zone are generally restricted to areas where small clearings and road cuts provide breaks in the tree canopy. Where long distance views are available they are typically of short duration, limited distance, and tightly framed by trees and adjacent slopes. Land use in this zone includes low-density residential development and recreational activities such as hiking, hunting, and snowmobiling. The majority of these forested areas occur on private lands with limited public access, however, public lands within Otsquago State Forest are located within the Study Area.

Rural Uplands

The Rural Upland LSZ is the largest, covering 63.9% of the visual study area. It is characterized by an expansive mosaic of agricultural fields, farm complexes with barns and livestock, and single-family residences. Topography in this LSZ is generally characterized by gently rolling hills topped with forest stands and open agricultural fields, separated by gentle valleys. Many roads are low traffic local roads, though this zone does include several more heavily traveled two-lane roads such as State Routes 80, 10, 67, and 5S. Interstate Route 90 and Highway 20 also run through the Rural Valley LSZ but have a distinctly different visual character and so fall within the Transportation Corridor LSZ described below. Dominant activities in the Rural Residential/Agricultural LSZ area are farming and local travel. Because of the abundance of open farm land on the tops of the rolling hills, lands in this LSZ often offer expansive views of the surrounding hillsides. These views typically include open fields in the foreground with widely scattered homes, silos, livestock, and other farm equipment. From low-lying vantage points in the valleys, the adjacent hills create borders that block more distant views. From the tops of hills, it is possible to see the tops of several adjacent fields far into the distance and the agricultural landscape located in the valleys.

Village

The Village LSZ occupies 3.9% of the study area and includes the Villages of Sharon Springs, Canajoharie, Palatine Bridge, Fort Plain, and Nelliston. This landscape similarity zone is characterized by moderate to high-density residential and commercial development, most of which is concentrated within the Mohawk River Valley. Buildings (typically 1-3 stories tall) and other man-made features dominate the landscape. The character of buildings and structures within this zone can be highly variable, although many of the villages have historic charm. The buildings are typically arranged along an organized street pattern that tends to screen outward views and focus views along the main streets and crossroads. In some areas, trees along the streets and within yards also tend to enclose and screen views within this zone.

Transportation Corridor

The Transportation Corridor LSZ occupies approximately 1.4% of the study area and includes divided, multi-lane highways with limited access. These include Interstate Route 90 and Highway 20, which run adjacent to the northern and southern ends of the Project Site, respectively. Views along each of these routes are fairly different from one another. Views from Interstate 90 are dominated by automobiles, pavement, guard rails, and signs in the foreground, backed by vistas of the surrounding Mohawk River Valley. Views from Highway 20 contain elements of road-related infrastructure such as automobiles, guard rails, and signs in the foreground, while the surrounding views are dominated by a mix of agricultural and forested land uses.

Mohawk Valley

The Mohawk Valley LSZ occupies 9.0% of the study area. The topography on either side of the river is characterized by gentle slopes with major roadways and several villages. The Mohawk River is paralleled by Interstate 90, as well as smaller two-lane highways, and a multi-use trail. From the bottom of the river valley the gentle slopes are often tree-lined, which blocks the views of agricultural fields on the side of the hills. Conversely, from the top of the hills overlooking the river valley, trees often partially obscure the view, and the gradient of the hills often blocks the view of large portions of the valley below. In populated areas within the valley bridges cross the river in several locations, and parks line the river.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 16

Distance to Nearest Visible Array: 0.05 Miles

Viewpoint Location: County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road), Town of Canajoharie

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident

Sensitive Site: N/A

Mitigation Planting Module: Roadside

Rating Panel Information:

Your Name: DAVID RADNACK/LW

Date: 4/8/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☒ Moderate ☐ High

TO

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*

THIS VIEW APPEARS TO BE OF A TYPICAL UPLAND AGRICULTURAL LAND USE WITH SILO AND FARMSTEAD, HEDGEROW AND OPEN HAYFIELD/CROPLAND. THE FORM of the HEDGEROWS, MOUNTAIN BACKDROP and LAND USE PATTERN IS LINEAR, COLOR and TEXTURE CHARACTERIZED BY "GREEN" and THE "SWATH" OF THE OPEN FIELD.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.5	2	THE PROJECT ALTERS THE LANDFORM BY COVERING IT and CHANGING THE VIEW of OPEN SPA
Vegetation	1	.5	OBSCURES EXISTING HEDGEROW
Land Use	3	1.5	CHANGES LAND USE from HAYFIELD/CROPLAND TO ENERGY INFRASTRUCTURE
Water	0	0	PROJECT DOESN'T AFFECT WATER
Sky	.5	.5	PROJECT MINIMALLY AFFECTS OVERALL SENSE of SKY and HORIZON
Viewer Activity	2.5	2	DISTINCT CHANGE WILL BE NOTED / SCENIC QUALITY WILL BE DIMINISHED FOR VIEWER
TOTAL	9.5	6.5	*Total all scores above*
AVERAGE	1.58	1.08	*Average all scores above*

Viewpoint 16

County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road) DR/LW

Effectiveness of mitigation planting scheme

EARLY EFFECTIVENESS IS MINIMAL; 5-7 years MORE EFFECTIVE, CREATES A NEW LANDSCAPE PATTERN

I MIGHT SUGGEST EXPLORING VINES on the PERIMETER * FENCING, or A WILLOW HEDGE... THESE ARE METHODS NOW BEING EXPLORED IN NEW ENGLAND PROJECTS

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

THIS VIEWPOINT REPRESENTS A TYPICAL AGRICULTURAL LANDSCAPE WITH SOME INHERENT SCENIC VALUES BUT NOT UNIQUE OR OUTSTANDING

Perceived effect on scenic quality/viewer enjoyment:

IT WILL DIMINISH SCENIC QUALITY and CHANGE THE LAND USE PATTERN and VIEW, BUT NOT TO AN UNACCEPTABLE LEVEL GIVEN VIEW DURATION

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 24

Distance to Nearest Visible Array: 0.06 Miles

Viewpoint Location: Nestle Road; north of G Jones Road, Town of Canajoharie

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident

Sensitive Site: N/A

Mitigation Planting Module: Roadside

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/8/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☒ Moderate ☐ High

E-SE TO SE NE → ENE

Viewer Exposure: *(Please rate frequency and duration of view)*

☒ Continuous * ☐ Repeated/Regular

☐ Occasional/Brief ☐ Rare

*BASED on VIEWPOINT CONTEXT

Viewer Description: *(Please describe this view in your own words.)*

WHILE THIS VIEWPOINT CAPTURES A CONE OF VISION, THE CONTEXT OF EXISTING LANDS IS TYPICALLY SCENIC BUT WITH THE PRESENCE OF THE TRANSMISSION LINE THE VIEWS ARE COMPROMISED. ROLLING OPEN FIELDS W/ LOW RIDGES IN THE BACKGROUND CREATE A PLEASANT CONTEXT BUT NOT ONE THAT IS UNIQUE OR HIGHLY SENSITIVE

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant 0 .5 Minimal 1 1.5 Moderate 2 2.5 Appreciable 3 3.5 Strong 4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.5	2.5	LINEAR ARRAY CONTRASTS W/ ROLL OF LANDFORM and HAS A LARGER SCALE
Vegetation	2	2	PLANTINGS ADD NEW COLORS/TEXTURES (PROXIMITY TO VIEWER) BUT DO BLEND SOMEWHAT
Land Use	2	2	ARRAYS ALTER LAND USE DESPITE TRANS. LINE
Water	0	0	N/A
Sky	1	1	NEW PLANTINGS and ARRAY ALTER SLIGHTLY THE OVERALL "AFFECT" of the SKY
Viewer Activity	3.0	3.0	THE VIEWER'S ACCESS and ENJOYMENT of the VIEW WILL BE APPRECIABLY DIMINISHED
TOTAL	10.5	10.5	*Total all scores above*
AVERAGE	1.75	1.75	*Average all scores above*

DR/LW

Viewpoint 24

Nestle Road; north of G Jones Road

Effectiveness of mitigation planting scheme

MODERATELY EFFECTIVE @ 5-7 YEARS ... I WOULD RECOMMEND ADDITIONAL EVERGREENS (PINES) TO CLOSE THE GAPS. ... PERHAPS MORE OF A HEDGEROW APPROACH

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

THE EXTENSIVE PRESENCE of SURROUNDING ARRAYS CHANGES THE LANDSCAPE CHARACTER; THE TRANSMISSION LINE MITIGATES SOMEWHAT THIS CHANGE ... MORE CONTINUOUS MITIGATION (VERSUS PLANTINGS WITH GAPS) MAY BE DESIRABLE and WOULD POTENTIALLY REDUCE THE PERCEIVED CHANGE.

Perceived effect on scenic quality/viewer enjoyment:

THE ARRAYS "CUT-OFF" THE BACKDROP and THE PLEASING QUALITIES of HEDGEROW, CROPLAND and BACKGROUND FORESTS. THIS LANDSCAPE WILL HAVE A MARKEDLY DIFFERENT "FEEL" POST-CONSTRUCTION

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 26

Distance to Nearest Visible Array: 0.32 Miles

Viewpoint Location: H Jones Road; adjacent to State Route 80 (Clinton Road), Town of Canajoharie

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident, Commuter/Through Traveler

Sensitive Site: N/A

Mitigation Planting Module: Pollinator

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/9/18

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☒ Moderate* ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*

TYPICAL AGRICULTURAL OPEN SPACE W/ SWEEPING VIEWS, A FARMSTEAD FOCAL POINT, BUT WITH TRANSMISSION INFRASTRUCTURE.

A PLEASING BUT SOMEWHAT ALTERED LANDSCAPE.

* I FIND THIS AREA TO HAVE LOW TO MODERATE SCENIC QUALITY OVERALL, HOWEVER COMPROMISED BY THE UTILITY INFRASTRUCTURE PROJECT

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	1	1	FITS WITHIN LANDFORM/ BUT AN UNNATURAL ELEMENT NONETHELESS
Vegetation	1	1	CHANGES CROPLAND/SOIL & GROUND "COLORS" BUT NEW GREEN HELPS (from PLANTING)
Land Use	3	3	CHANGES THE SWEEP of FARMLAND TO A SWEEP of SOLAR PANELS
Water	N/A	N/A (0)	
Sky	.5	.5	SOME REFLECTIVITY & CONTRAST from the EXTENT of PANELS
Viewer Activity	3	3	THE VIEWER WILL SEE SOMETHING ENTIRELY DIFFERENT
TOTAL	8.5	8.5	*Total all scores above*
AVERAGE	1.4	1.4	*Average all scores above*

DR/LW

Viewpoint 26

H Jones Road; adjacent to State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme

DOESN'T SCREEN ARRAY, BUT DARK GREEN SURROUND FOR THE INSTALLATION REDUCES CONTRAST AND HELPS SOMEWHAT WITH THE FIT.

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

WINTER CONDITIONS (SNOW, MUTED COLORS of VEGETATION and GROUND PLANE MAY IMPROVE THE "FIT" of THE PROJECT and REDUCE ITS CONTRAST/PRESENCE SOMEWHAT

Perceived effect on scenic quality/viewer enjoyment:

THE FACT THAT THE LAYOUT FITS WITHIN EXTANT FIELD and VEGETATION PATTERNS HELPS ACCOMMODATE THE PROJECT. HOWEVER, THE EXTENT of THE ARRAYS COVERING THE ENTIRE VIEW WILL DIMINISH THE SCENIC QUALITY SOMEWHAT and REDUCE VIEWER ENJOYMENT & APPRECIATION of THE VIEW, AS COMPARED TO ITS UNDEVELOPED STATE CURRENTLY

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 28

Distance to Nearest Visible Array: 0.27 Miles

Viewpoint Location: Seebers Lane; southeast of State Route 80 (Clinton Road), Town of Canajoharie

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident

Sensitive Site: N/A

Mitigation Planting Module: Hedgerow

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/9/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

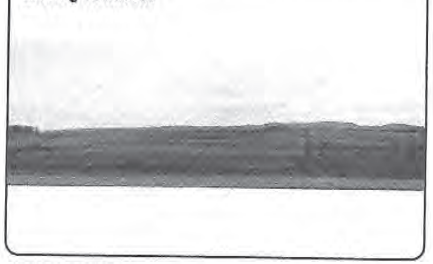
☐ Low ☒ Moderate + ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Existing Conditions



Viewer Description: *(Please describe this view in your own words.)*

THIS IS AN UNFETTERED AG/UPLAND LANDSCAPE WITH NO VISIBLE DEVELOPMENT and a CONTINUOUS RIDGELINE in the BACKGROUND. A HIGHER SCENIC VALUE THAN OTHER VIEWPOINTS for the PROJECT IS THE RESULT

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	3.5	CREATES A NEW, STRONG, LINEAR ELEMENT and BROAD PATTERN
Vegetation	2.5	2.5	NEW PLANTINGS SEEM INCONGRUOUS IN S/SE VIEW WITH EXISTING OPEN SPACE
Land Use	3.5	3.5	TOTALLY CHANGES LAND USE
Water	N/A(0)	N/A(0)	
Sky	2.5	2.5	ARRAY, PARTICULARLY in S/SE PORTION OF PROJECT WILL ALTER OVERALL "TABLEAU",
Viewer Activity	3.5	3.5	INCLUDING THE SENSE of the HORIZON and SKY. → CHANGES VIEWER'S PERCEPTION of the
TOTAL	15.5	15.5	*Total all scores above* LANDSCAPE SIGNIFICANTLY.
AVERAGE	2.5	2.5	*Average all scores above*

DR/LW

Viewpoint 28

Seebers Lane; southeast of State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme

I DON'T THINK THE LANDSCAPE MITIGATION IS EFFECTIVE OR APPROPRIATE – ALMOST SEEMS FORCED/UNNATURAL.

EITHER 1) NO PLANTINGS 2) TREE PLANTING ALONG THE ROAD VIEW CORRIDOR or 3) LONGER, LINEAR, DENSER PLANTINGS, PARTICULARLY FOR THE S/SE PORTION WOULD BE MORE EFFECTIVE.

THIS IS A TOUGH/DIFFICULT VIEW TO MITIGATE.

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

THE UNDEVELOPED ARC of OPEN SPACE and BACKGROUND RIDGE RENDERS THIS PORTION of the PROJECT SITE PARTICULARLY SENSITIVE and LESS DESIRABLE for LARGE SCALE SOLAR.

Perceived effect on scenic quality/viewer enjoyment:

THE SOLAR DEVELOPMENT HERE WILL HAVE A NOTICEABLE, IF NOT JARRING EFFECT ON THE LOCAL VIEWER USED TO THIS SWEEP of OPEN LANDSCAPE, HEDGEROWS and RIDGELAND.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 32

Distance to Nearest Visible Array: 3.1 Miles

Viewpoint Location: State Route 10 (Ephratah Road); east of Gerhartz Street, Town of Palatine

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident, Commuter/Through Traveler

Sensitive Site: State Route 10

Mitigation Planting Module: N/A

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/10/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*

THIS IS A LONG DISTANCE VIEW ACROSS THE RIVER VALLEY THAT TAKES IN MANY ELEMENTS: A FOREGROUND FIELD, UTILITY POLES, DEVELOPMENT/STRUCTURES with THE RIDGELINE BEYOND. SOMEWHAT TYPICAL of the AREA and SOMEWHAT SCENIC BUT NOT EXCEEDINGLY SO DUE TO THE PREVALENCE of these VIEWS in the AREA.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		* ONE SIM EVALUATED Description of Contrast
	3-6 month	5-7 year*	
Landform		.5	ADDS A SUBTLE BUT VISIBLE LINEAR ELEMENT TO THE VIEW.
Vegetation		0	NO EFFECT (VISIBLE) on EXIS. VEG.
Land Use		1	INTRODUCES A CHANGE
Water		0	NO EFFECT
Sky		0	" "
Viewer Activity		.5	VIEWERS MIGHT NOTICE NEW ELEMENT in LANDSCAPE, BUT IT WILL HAVE A MINIMAL
TOTAL		2	*Total all scores above* EFFECT on the VIEWER'S EXPERIENCE
AVERAGE		0.33	*Average all scores above*

Viewpoint 32

State Route 10 (Ephratah Road); east of Gerhartz Street

Effectiveness of mitigation planting scheme

NO MITIGATION VISIBLE from this VIEWPOINT... AND MITIGATION IS NOT NECESSARY HERE DUE TO VIEWER'S DISTANCE from the PROJECT SITE (3.1 MILES)... ALSO the VISIBLE "LINE" of the INSTALLATIONS DOES NOT CONTRAST WITH SURROUNDINGS in THIS VIEW.

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

DISTANCE of VIEW MINIMIZES VISUAL EFFECT

Perceived effect on scenic quality/viewer enjoyment:

MINIMAL IF ANY EFFECT on the SCENIC QUALITY in THIS VIEW, and the VIEW OF THE ARRAYS WILL NOT APPRECIABLY CHANGE THE LOOK and FEEL of THIS VIEW

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 82 Snow

Distance to Nearest Visible Array: 4.35 Miles

Viewpoint Location: United States Highway 20 ; Adjacent to the Tepee parking lot, Town of Cherry Valley

Landscape Similarity Zone: Transportation Corridor

Viewer Type: Commuter/Through Traveler, Tourist/Recreational User

Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee

Mitigation Planting Module: N/A

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/10/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☐ Low ☒ Moderate ☒ High

BECAUSE OF
- 'SCENIC BYWAY
- NRHP SITE
- BREADTH, SCALE, CHARACTER of VIEW

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*

SEE DESCRIPTION of FALL VIEW PLUS;

- FOREGROUND RESIDENCE DETRACTS/DISTRACTS from SCENIC VIEW
- WINTER CONDITIONS HEIGHTEN CONTRAST W/ DARK and LIGHT TONES.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant 0 | .5 | Minimal 1 | 1.5 | Moderate 2 | 2.5 | Appreciable 3 | 3.5 | Strong 4

Component	Score *		* 1 SIM Description of Contrast (BUT CHANGE IS STILL NOTICEABLE)
	3-6 month	5-7 year	
Landform		1	DISTANCE and EVERYTHING ELSE in the VIEW LIMITS PERCEIVED CHANGE/IMPACTS
Vegetation		.5	FITS WITHIN HORIZONTAL PATTERN of FIELDS and FORESTS
Land Use		.5	CHANGE in LAND USE IS VISIBLE BUT MINIMAL
Water		0	N/A
Sky		0	N/A
Viewer Activity		1	MORE VISIBLE in WINTER CONDITIONS DUE TO COLORATION and CONTRAST
TOTAL		3	*Total all scores above*
AVERAGE		0.5	*Average all scores above*

DR/LW

Viewpoint 82 Snow

United States Highway 20 ; Adjacent to the Tepee parking lot

Effectiveness of mitigation planting scheme

NO MITIGATION VISIBLE (READILY VISIBLE) AND DISTANCE AND VIEW PERSPECTIVE WOULD NOT PROVIDE FOR EFFECTIVE MITIGATION

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

ATMOSPHERE/WEATHER CONDITIONS in SIM ADDS TO OVERALL SCENIC INTEREST and MAY DIMINISH EFFECT of SEEING THE MASSING of the SOLAR PANELS ON CLEAR DAYS WITH SUN PANELS MAY STAND OUT MORE.

Perceived effect on scenic quality/viewer enjoyment:

MINIMAL TO NOTICEABLE EFFECT on the OVERALL NATURE of the VIEW MAY NEGATIVELY IMPACT THE EXPERIENCE of SOME VIEWERS

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 82 Fall

Distance to Nearest Visible Array: 4.35 Miles

Viewpoint Location: United States Highway 20; From the Tepee parking lot, Town of Cherry Valley

Landscape Similarity Zone: Transportation Corridor

Viewer Type: Commuter/Through Traveler, Tourist/Recreational User

Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee

Mitigation Planting Module: N/A

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/10/19

Viewpoint Sensitivity:

Scenic Quality: (*Please rate existing scenic quality*)

☐ Low ☒ Moderate ☒ High * DUE TO SCALE & BREADTH of VIEW

Viewer Exposure: (*Please rate frequency and duration of view*)

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Viewer Description: (*Please describe this view in your own words.*)

THIS IS A LONG DISTANCE & BROAD VIEW FROM HIGH GROUND ALONG RTE 20 WHICH IS A SCENIC BYWAY. A RURAL/AGRICULTURAL/ RESIDENTIAL LANDSCAPE UNFOLDS FROM THIS VANTAGE POINT THAT HAS A BREADTH & SCALE THAT RENDERS IT A MODERATE TO HIGH SCENIC QUALITY THAT IS ENGAGING & COMPELLING to the VIEWER.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score *		* 1 SIM Description of Contrast
	3-6 month	5-7 year	
Landform		.5	DISTANCE (4.35 MILES) & BREADTH of VIEW COUPLED WITH LINEAR LAYOUT REDUCES CONTRAST
Vegetation		.5	NO VISIBLE EFFECT on VEGETATION from this DISTANCE (BUT ARRAYS ELIMINATE VIEWS of FIELDS) WHERE THEY ARE LOCATED
Land Use		.5	SLIGHT CHANGE in VISIBLE LINE of ARRAYS in OPEN SPACE/ AG FIELDS
Water		0	N/A NO WATER IMPACT
Sky		0	" SKY "
Viewer Activity		.5	DEPENDING ON LIGHTING, VIEWER EFFECT WILL BE MINIMAL
TOTAL		2	*Total all scores above*
AVERAGE		0.33	*Average all scores above*

DR/LW

Viewpoint 82 Fall

United States Highway 20; From the Tepee parking lot

Effectiveness of mitigation planting scheme

NOT APPLICABLE OR VISIBLE from the VANTAGE POINT DUE TO DISTANCE.

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

FALL CONDITIONS MUTE COLORS & CONTRASTS. (DARK TREELINE REDUCES CONTRAST W/ DARK LINES of the ARRAYS)

Perceived effect on scenic quality/viewer enjoyment:

NO SUBSTANTIVE EFFECT DUE to the SCALE & LOCATION of the PROJECT @ 4.35 MILES from VANTAGE POINT.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 130

Distance to Nearest Visible Array: 0.07 Miles

Viewpoint Location: 579 Marshville Road, Town of Canajoharie

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident

Sensitive Site: NRHP-eligible 122 G Bowerman Road (USN 05702.000152)

Mitigation Planting Module: Hedgerow

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/10/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☐ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*

THIS IS A "CONTAINED" VIEW WITH RESIDENCES, STREETSIDE TREES and SHRUBS, LAWN and UTILITY POLES — NOT HIGHLY SCENIC/MORE TYPICAL-EVERYDAY LANDSCAPE of THIS REGION. NOT A SENSITIVE LANDSCAPE WITH ANY SPECIAL LANDSCAPE QUALITIES or CHARACTER

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.5	2	FILLS THE FLAT HORIZONTAL ASPECT of the FIELD SITE and CHANGES the AFFECT of the OPEN SPACE
Vegetation	1.5	1	CONTRASTS w/ EXIS VEGETATION SLIGHTLY, BETTER AFTER 5-7 YEARS
Land Use	3	2.5	CHANGES LAND USE NOTICEABLY and IT (PROJECT)
Water	N/A 0	0	IS PROXIMATE TO EXIS. RESIDENCES.
Sky	0	0	—
Viewer Activity	2	1.5	VIEWER WILL NOTICE CHANGE WHICH CONTRASTS WITH CURRENT USES, CHANGE WILL BE LESS NOTICEABLE WITH TIME
TOTAL	9	7	*Total all scores above*
AVERAGE	1.5	1.16	*Average all scores above*

DR/LW

Viewpoint 130

579 Marshville Road

Effectiveness of mitigation planting scheme

PLANTING SCHEME IS PARTIALLY EFFECTIVE, ENTIRE TREELINE SHOULD BE FILLED IN. SINGULAR EVERGREENS (ARBORVITAES?) ARE TOO REGULAR and DRAW THE EYE RATHER THAN DE-EMPHASIZING ARRAY)

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

WITH FULL FOLIATION of EXISTING and PROPOSED TREES SCREENING SHOULD BE MORE EFFECTIVE

Perceived effect on scenic quality/viewer enjoyment:

INITIALLY, LOCAL RESIDENTS MAY FIND CHANGE SOMEWHAT OBJECTIONABLE, OVER TIME SUFFICIENT (MORE THAN WHAT IS PROPOSED) PLANTINGS and MAINTAINING PRESENCE and HEALTH of EXISTING TREES/TREELINE WILL BE NECESSARY/DESIRABLE TO DIMINISH/REDUCE THE PERCEIVED PRESENCE of the PROJECT and ITS IMPACT

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 153

Distance to Nearest Visible Array: 0.05 Miles

Viewpoint Location: 861 State Route 163, Town of Minden

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident

Sensitive Site: Nestle Road School House

Mitigation Planting Module: Adjacent Resource

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 4/10/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☐ Low ☒ Moderate ☐ High

UNDEVELOPED, OPEN FIELD W/ LONG VIEWS

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☐ Repeated/Regular

☒ Occasional/Brief * ☐ Rare

* BUT TRAVELER WILL SEE OTHER PORTIONS OF THE PROJECT

Viewer Description: *(Please describe this view in your own words.)*

A BROAD, OPEN FIELD/MEADOW WITH TREELINE and LONG DISTANCE VIEWS; AN UNDEVELOPED AGRICULTURAL LAND USE WITH "BIG SKY" and FIELDS & FOREST in THE DISTANCE

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2	2	LANDFORM ACCOMMODATES ARRAYS BUT CONTRAST IS MODERATE W/ ALL THE STRUCTURES
Vegetation	2	2	CONTRASTS W/ CROPLAND and BACKGROUND TREE LINE
Land Use	3	3	CHANGES LAND USE COMPLETLY FROM O.S. and AGLAND TO ENERGY INFRASTRUCTURE
Water	0	0	N/A
Sky	2	3.5	MATURE LANDSCAPE BLOCKS ALL DISTANT VIEWS
Viewer Activity	3	3	WILL ALTER EXPERIENCE of VIEWER SIGNIFICANTLY
TOTAL	12	13.5	*Total all scores above*
AVERAGE	2	2.25	*Average all scores above*

DR/LW

Viewpoint 153

861 State Route 163

Effectiveness of mitigation planting scheme

MITIGATION after 5-7 YRS IS EFFECTIVE and PROVIDES A PLEASING SCREEN THAT REDUCES THE "PRESENCE" of the PROJECT - NECESSARY GIVEN THE PROPOSED CHANGE TO THE LANDSCAPE

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

THE LONG DISTANCE VIEW AND "AFFECT" of the OPEN LAND/MEADOW/CROPS IS SCENIC, ENGAGING and WILL BE LOST WHEN THE PROJECT IS BUILT.

Perceived effect on scenic quality/viewer enjoyment:

THE PROJECT WILL GREATLY REDUCE THE SCENIC VALUE of THIS VIEW AND CHANGE THE VIEWER'S EXPERIENCE of this SITE. THE BREADTH and INTEREST/DETAIL of the SCENERY WILL BE LOST. (DON'T THINK THIS IS AN IDEAL SITE - PROJECT WILL RESULT IN SUBSTANTIVE IMPACTS.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 154

Distance to Nearest Visible Array: 0.1 Miles

Viewpoint Location: State Route 163 (Cherry Valley Road), Town of Minden

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident, Commuter/Through Traveler

Sensitive Site: State Route 163

Mitigation Planting Module: Adjacent Resource

Rating Panel Information:

Your Name: DAVID RAPHAEL/LW

Date: 9/10/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☐ Moderate ☐ High

→ BETWEEN LOW and MODERATE TYPICAL SCENERY

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☒ Repeated/Regular

☒ Occasional/Brief → ☐ Rare → FOR MOTORIST OTHER ARRAYS MAY BE IN THE VIEW, NEARBY RESIDENTS WILL SEE PROJECT REGULARLY

Viewer Description: *(Please describe this view in your own words.)*

THIS AREA HAS A ROLLING TERRAIN WITH MIXED DECIDUOUS VEGETATION, TREELINES and SHRUB/SUCCESSIONAL VEGETATION CLUSTERS, COPSES, ETC SOME RESIDENCES and FARMSTEADS NEARBY OFF OF/ON RTE 163. OPEN AREAS and CROPLANDS PREDOMINATE AS THE LAND USE TYPE

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant 0 | .5 | Minimal 1 | 1.5 | Moderate 2 | 2.5 | Appreciable 3 | 3.5 | Strong 4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	3.5	THE PROJECT totally changes and obscures THE LANDFORM IN THIS
Vegetation	1	1	LIMITED MIDGROUND/BACKGROUND VEGETATION VIEW SO PROJECT HAS LIMITED IMPACT BUT
Land Use	3.5	3.5	DOES DIMINISH/AND SCREEN EXIS. VEGETATION THIS IS AN OPEN SPACE/CROPLAND = PROJECT
Water	-0	-0	ALTERS THAT and FILLS THE OPEN AREA
Sky	2.5	2.5	LESS SKY, LOSS of HORIZON LINE, CONTINUOUS EXIS. ARRAYS and FENCING
Viewer Activity	3.5	3.0	WITH/SIGNS, POLES, GUARDRAIL, THE VIEWER WILL SEE THESE BACKGROUNDED BY THE AWKWARD
TOTAL	14	13.5	*Total all scores above* SIGHT of PANELS and ROWS AT AN
AVERAGE	2.3	2.25	*Average all scores above* ODD ANGLE - ALL THESE WHO SEE/PASS THIS WILL NOTE THIS DISCORDANCE.

... MAY GET BETTER BY 10 YRS W/ PLANTING

Viewpoint 154

State Route 163 (Cherry Valley Road)

Effectiveness of mitigation planting scheme

NOT AT ALL IMMEDIATELY of/ON CONSTRUCTION; EVEN AT 5-7 yrs PLANTING SEEMS INSUFFICIENT.

... CAN THE MATERIAL BE LARGER, DENSER?

... CAN THE PLANTING BE CLOSER TO THE ARRAY?

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

- THE ROADSCAPE HERE HAS VERTICAL/HORIZONTAL MOVEMENT WHICH AFFECTS VISIBILITY and EXPERIENCE of SEEING THE ARRAY.
- WINTER CONDITIONS EXACERBATE THE VISUAL CHANGE CREATED by THIS PROJECT.

Perceived effect on scenic quality/viewer enjoyment:

THIS WILL BE A SUBSTANTIVE AND SOMEWHAT DISCORDANT VIEW POST-CONSTRUCTION, PROXIMATE TO THE ROADSCAPE. THE LAYOUT, ALL SCALE "FIGHTS" THE LANDSCAPE, AND IS MORE PRONOUNCED BY THE RISE IN THE FIELD in 2 DIRECTIONS. DESPITE SOME "ROAD CLUTTER" THIS PORTION of THE PROJECT WILL APPRECIABLY UNDERMINE THE VIEWERS EXPERIENCE, and NOTICEABLY REDUCE SCENIC QUALITY.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 16
Distance to Nearest Visible Array: 0.05 Miles
Viewpoint Location: County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Roadside

Rating Panel Information:

Your Name: JOCELYN GRANITT
Date: 4/8/19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*

Open field adjacent to county road in foreground. Farm infrastructure behind hedgerow in mid-ground. Distant hills in background. Open sky.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	2.5	Panels create lines that look like landform
Vegetation	3.0	2.0	Panels occupy field, as vegetation would.
Land Use	3.5	2.5	Large quantity of panels is quite visible.
Water	N/A	N/A	
Sky	2.5	2.0	Panels create hard edge near skyline.
Viewer Activity	3.0	1.5	Viewers will notice panels.
TOTAL	15.5	10.5	*Total all scores above*
AVERAGE	3.1	2.1	*Average all scores above*

Viewpoint 16

County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme

This scheme is effective in redirecting the viewer's eye to the foreground and on down the road. More dense planting would increase this effect.

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

None

Perceived effect on scenic quality/viewer enjoyment:

Viewers will notice this field of solar panels. The quantity & distribution creates a hard edge in the landscape and a sense of "occupation" of the space. The plant mitigation scheme does minimize impact at this viewpoint.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 24
Distance to Nearest Visible Array: 0.06 Miles
Viewpoint Location: Nestle Road; north of G Jones Road, Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Roadside

Rating Panel Information:

Your Name: Jordyn Gaudet
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*

Open fields layered from foreground to midground as they gently rise in elevation. Fence infrastructure & transmission lines clutter view. Gently undulating ridgeline in view.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	3.0	Panels dominate landform
Vegetation	3.5	2.5	Panels obscure vegetation
Land Use	3.5	2.5	Panels are focus of this view
Water	N/A	N/A	
Sky	3.5	2.5	Panels compete with sky for dominance.
Viewer Activity	3.0	2.0	Viewers will notice panels.
TOTAL	17.0	12.5	*Total all scores above*
AVERAGE	3.4	2.5	*Average all scores above*

Viewpoint 24

Nestle Road; north of G Jones Road

Effectiveness of mitigation planting scheme

Planting reduces impact of proposed infrastructure. An increase in taller species, and plantings closer to road edge would increase mitigation effect.

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

None

Perceived effect on scenic quality/viewer enjoyment:

Viewers will take notice of this field of panels. The size creates an altered landscape that does not fit "nature". The mitigation plantings do reduce overall impact.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 26
Distance to Nearest Visible Array: 0.32 Miles
Viewpoint Location: H Jones Road; adjacent to State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: N/A
Mitigation Planting Module: Pollinator

Rating Panel Information:

Your Name: Jocelyn Gavitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☒ Moderate ☐ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: (*Please describe this view in your own words.*)
Gentle valley of open farm land with extensive farm infrastructure in the mid-ground. Large, open feel.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.5	2.5	Panels occupy entire mid-ground rising landscape.
Vegetation	2.0	2.0	Panels read as "field" of color from this distance.
Land Use	2.0	2.0	Panels quite visible & abundant
Water	N/A	N/A	
Sky	1.5	1.5	Panels create different contrast at horizon.
Viewer Activity	2.5	2.5	Viewers will notice panels.
TOTAL	10.5	10.5	*Total all scores above*
AVERAGE	2.1	2.1	*Average all scores above*

Viewpoint 26

H Jones Road; adjacent to State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme

Mitigation scheme has no effect from this viewpoint. Panels remain as visible to viewer despite plantings.

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

None

Perceived effect on scenic quality/viewer enjoyment:

Viewers will take notice of the "fields of solar panels". They read from this distance as an unnaturally colored "crop" in the distance.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 28
Distance to Nearest Visible Array: 0.27 Miles
Viewpoint Location: Seebers Lane; southeast of State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Hedgerow

Rating Panel Information:

Your Name: Jocelyn Gravitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*

Open views across rising pasture with distant mountain ridges in the background.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.0	3.0	Panels create a focal point between mid and background
Vegetation	2.5	2.5	Panels look like a "crop" from distance.
Land Use	3.0	3.0	Panels visible and co-dominate land.
Water	N/A	N/A	
Sky	3.5	3.5	Panels alter horizon edge
Viewer Activity	3.0	3.0	Viewers will notice panels
TOTAL	15.0	15.0	*Total all scores above*
AVERAGE	5.0	5.0	*Average all scores above*

Viewpoint 28

Seebers Lane; southeast of State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme

Planting does not have any appreciable impact from this vantage point.

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

Sun angle / reflectiveness & coloration of panels

Perceived effect on scenic quality/viewer enjoyment:

Viewers will notice this "crop" of panels stretching along the ridge line of the mid-ground in this view. Panels draw particular attention due to reflective and/or dark coloration.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 32
Distance to Nearest Visible Array: 3.1 Miles
Viewpoint Location: State Route 10 (Ephratah Road); east of Gerhartz Street, Town of Palatine
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: State Route 10
Mitigation Planting Module: N/A

Rating Panel Information:

Your Name: Jocelyn Gwitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☒ Moderate ☐ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: (*Please describe this view in your own words.*)

Utility infrastructure in foreground create a bit of distraction to this otherwise beautiful view across open field, valley in mid-ground and distant hills along the horizon.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	0		Barely visible
Vegetation	0		"
Land Use	0		"
Water	N/A		
Sky	0		"
Viewer Activity	0		Viewers will likely not notice proposed panels
TOTAL	0		*Total all scores above*
AVERAGE	0		*Average all scores above*

Viewpoint 32

State Route 10 (Ephratah Road); east of Gerhartz Street

Effectiveness of mitigation planting scheme

N/A

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

Atmospheric conditions can alter visibility at this distance.

Perceived effect on scenic quality/viewer enjoyment:

Viewers will likely not notice project from this vantage point.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 82 Snow
Distance to Nearest Visible Array: 4.35 Miles
Viewpoint Location: United States Highway 20 ; Adjacent to the Tepee parking lot, Town of Cherry Valley
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/Recreational User
Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee
Mitigation Planting Module: N/A

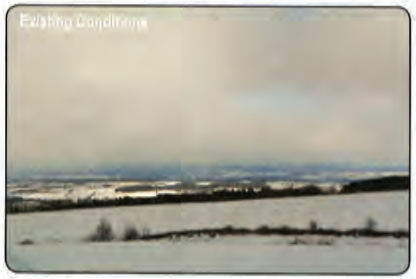
Rating Panel Information:

Your Name: Jocelyn Gavitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare



Viewer Description: *(Please describe this view in your own words.)*

View from high vantage point over open fields and distant valley. View extends for miles with layered fields / vegetation across distance.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	1.0		Creates dark line in this layered landscape.
Vegetation	1.0		Appears as dark swath of vegetation.
Land Use	0.5		"Line" of panels is noticeable but not a focus.
Water	N/A		
Sky	0.5		Very little impact. Panels are embedded in the landscape layers.
Viewer Activity	0.5		Viewers are likely not to notice.
TOTAL	3.5		*Total all scores above*
AVERAGE	0.7		*Average all scores above*

Viewpoint 82 Snow
United States Highway 20 ; Adjacent to the Tepee parking lot

Effectiveness of mitigation planting scheme

N/A

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

This image is from a "high moisture" winter day. Seasonal colorings and clear atmospheric conditions may alter visibility and impact.

Perceived effect on scenic quality/viewer enjoyment:

Viewers are likely to overlook this "dark line" of panels embedded in this highly complex and expansive view of the landscape.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 82 Fall
Distance to Nearest Visible Array: 4.35 Miles
Viewpoint Location: United States Highway 20; From the Tepee parking lot, Town of Cherry Valley
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/Recreational User
Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee
Mitigation Planting Module: N/A

Rating Panel Information:

Your Name: Jocelyn Gavitt
Date: 4.3.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*
View from high vantage point across distant valley. View is layered with patterns of fields & forests with some buildings dotted throughout. Expansive vista.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	0		While project can be seen, it will go unnoticed from this distance
Vegetation	0.5		Proposed panels look like layer of vegetation.
Land Use	0.5		"
Water	N/A		
Sky	0		No impact
Viewer Activity	0		Viewers will not notice infrastructure.
TOTAL	1		*Total all scores above*
AVERAGE	0.2		*Average all scores above*

Viewpoint 82 Fall
United States Highway 20; From the Tepee parking lot

Effectiveness of mitigation planting scheme

N/A

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

Seasonable variables – specifically vegetative coloring. This project blends in from this distance as just another layer in the view.

Perceived effect on scenic quality/viewer enjoyment:

Viewers are not likely to notice or identify this project at this distance. Proposed panels blend into landscape layers.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 130
Distance to Nearest Visible Array: 0.07 Miles
Viewpoint Location: 579 Marshville Road, Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: NRHP-eligible 122 G Bowerman Road (USN 05702.000152)
Mitigation Planting Module: Hedgerow

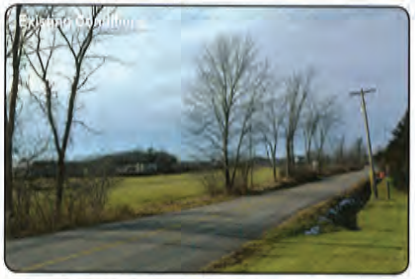
Rating Panel Information:

Your Name: Jocelyn Gavitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare



Viewer Description: *(Please describe this view in your own words.)*

View along tree-lined country road with open field and residences in the mid-ground backed by wooded vegetation.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.5	2.0	Panels occupy open field, obscure view of horiz.
Vegetation	3.0	2.0	Panels create dark structural contrast
Land Use	3.0	2.0	Panels occupy large area of land
Water	N/A	N/A	
Sky	1.5	1.0	Panels visible well below horizon.
Viewer Activity	2.5	2.0	Viewers will take notice of panels.
TOTAL	12.5	9.0	*Total all scores above*
AVERAGE	2.5	1.8	*Average all scores above*

Viewpoint 130
579 Marshville Road

Effectiveness of mitigation planting scheme

Somewhat. Perhaps with summer foliage this will be more effective. Consider more evergreen plantings.

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

Seasonal – Deciduous trees proposed for mitigation might provide better impact if leaves are present. Could reduce impact of project in 5-7 year scheme.

Perceived effect on scenic quality/viewer enjoyment:

Viewers will likely take notice of this proposed infrastructure – though the existing lines & form along the view down the road help to direct one's focus away from open field/project.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 153
Distance to Nearest Visible Array: 0.05 Miles
Viewpoint Location: 861 State Route 163, Town of Minden
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: Nestle Road School House
Mitigation Planting Module: Adjacent Resource

Rating Panel Information:

Your Name: Jaclyn Gavitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*

Open field in foreground dominates view due to gentle rise. Distant views of valley and hills visible in midground but partially obscured by rise in foreground.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	4.0	1.0	Panels become immediate focal point, until obscured by planting
Vegetation	3.5	1.5	Panels dominate over vegetation, until 5-7 year
Land Use	3.5	1.5	Panels are dominant.
Water	N/A	N/A	
Sky	3.5	1.5	Panels distract from view
Viewer Activity	4.0	1.5	Viewers will focus on panels until mitigation plants screen view.
TOTAL	18.5	7.0	*Total all scores above*
AVERAGE	3.7	1.4	*Average all scores above*

Viewpoint 153
861 State Route 163

Effectiveness of mitigation planting scheme

Planting scheme is very effective at screening views to solar panels. Proposed plants do alter ability for long views as were present in existing conditions.

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

Many trees in mitigation planting are deciduous and will not have as much screening effect in winter months.

Perceived effect on scenic quality/viewer enjoyment:

During the first several years and possibly in the winter months, this proposed project will dominate the landscape from this view. The planting mitigation seem to effectively screen this during leaf-out.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 154
Distance to Nearest Visible Array: 0.1 Miles
Viewpoint Location: State Route 163 (Cherry Valley Road), Town of Minden
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: State Route 163
Mitigation Planting Module: Adjacent Resource

Rating Panel Information:

Your Name: Jocelyn Gavitt
Date: 4.8.19

Viewpoint Sensitivity:

Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*

View of open field rising from the road. Numerous utility poles and sign poles and guardrail distract from view. Vegetation visible at ridgeline. Winter. Cloudy.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	4.0	4.0	Solar panels dominate landform.
Vegetation	4.0	3.5	Solar panels dominate landscape.
Land Use	4.0	4.0	Solar panels highly visible & close.
Water	N/A	N/A	
Sky	3.5	3.5	Panels alter skyline/horizon.
Viewer Activity	4.0	3.5	Viewers will focus on solar panels.
TOTAL	19.5	18.5	*Total all scores above*
AVERAGE	3.9	3.7	*Average all scores above*

Viewpoint 154
State Route 163 (Cherry Valley Road)

Effectiveness of mitigation planting scheme

Mitigation scheme is only minimally effective due to rising topography of solar panel fields. Also, winter view minimizes screening.

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

Seasonal: Screening with full leaf out may have more mitigation effect.

Perceived effect on scenic quality/viewer enjoyment:

This view of the solar panel field has a high impact due to the rising & close proximity of the panels. They read as structures more than "fields".

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 16
Distance to Nearest Visible Array: 0.05 Miles
Viewpoint Location: County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Roadside

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☒ Moderate ☐ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: (*Please describe this view in your own words.*)
Relatively common rural landscape of upstate New York with nice composition of vegetation and structures in mid ground view and more distant ridgeline set against the horizon. Balanced form in mid-ground with variation in color and texture of vegetation, including hedgerow. Farm buildings are focal points.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3	2	The arrays are a focal point and disrupt the order of the natural landscape.
Vegetation	3	2	The vegetation in the mid ground landscape is lost.
Land Use	3	2	The arrays become the dominant structures, replacing the farm buildings as focus of the view.
Water	ØNA	ØNA	WK
Sky	1	1	The arrays somewhat distract from sky conditions
Viewer Activity	3	2	Enjoyment of distant views is disrupted.
TOTAL	13	9	*Total all scores above*
AVERAGE	~~2.2~~ 2.16 WK	~~1.5~~ 1.8 WK	*Average all scores above*

Viewpoint 16
County Route 86 (Marshville Road); northwest of State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme
The planting scheme is effective in partially screening the long length of the arrays. The planting materials disrupt the expanse of the dark shadow underneath the panels as well as the vertical lines of the arrays and fence posts.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
The clear conditions highlight distant views, but do not affect views of the arrays. Mitigation plantings will be most effective during the growing season as shown by the use of deciduous vegetation.

Perceived effect on scenic quality/viewer enjoyment:
Scenic quality and viewer enjoyment is adversely changed, but mitigated by the planting scheme.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 24
Distance to Nearest Visible Array: 0.06 Miles
Viewpoint Location: Nestle Road; north of G Jones Road, Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Roadside

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*
Typical rural view of cropland and pasture; the character of the landscape somewhat impacted by the transmission line in the mid ground.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.0	3.0	The arrays obscure existing changes in local terrain.
Vegetation	3.5	2.5	Variation in vegetation in midground views is obscured, but mitigated with planting scheme.
Land Use	3.5	3.5	Arrays have replaced pasture and cropland with utility uses proximate to transmission line.
Water	~~0~~ N/A	~~0~~ N/A	WK
Sky	0	0	No change.
Viewer Activity	2.5	2.0	Working farmland has been replaced by structural elements
TOTAL	12.5	11.0	*Total all scores above*
AVERAGE	~~2.1~~ 2.5 WK	~~1.8~~ 2.2 WK	*Average all scores above*

Viewpoint 24
Nestle Road; north of G Jones Road

Effectiveness of mitigation planting scheme
The planting scheme is effective in breaking up the continuous horizontal and vertical lines of the arrays and fencing as well as the color of each structural element. The plantings are only effective in screening the arrays once they appear to exceed the top of the fencing.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
Vegetative screening will be effective seasonally during the growing season. The arrays will be more visually dominant in the absence of vegetation.

Perceived effect on scenic quality/viewer enjoyment:
Scenic quality under existing conditions is limited to foreground and mid-ground views. The existing transmission line already introduce structural elements, so the overall change is reduced.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 26
Distance to Nearest Visible Array: 0.32 Miles
Viewpoint Location: H Jones Road; adjacent to State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: N/A
Mitigation Planting Module: Pollinator

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☒ Moderate ☐ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: (*Please describe this view in your own words.*)
Typical working farm landscape with a nice balance between natural and cultural elements including changes in color, land form along horizon and farm buildings. Vertical transmission line poles and towers are noticeable, but not intrusive.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.0	3.0	Change in color and texture of hillside with arrays is a focal point.
Vegetation	3.0	2.5	Cropland near arrays and access road has been replaced by plantings which lessen impact
Land Use	2.5	2.5	The arrays are a noticeable change in land use, but overall scale is compatible with other structures
Water	~~0~~ N/A	~~0~~ N/A	WK
Sky	0	0	No changes
Viewer Activity	1.5	1.5	Viewer activity may be affected, but at this viewing distance may not be significant.
TOTAL	10	9.5	*Total all scores above*
AVERAGE	~~1.7~~ 2.0	~~1.6~~ 1.9	*Average all scores above*
	WK	WK	

Viewpoint 26
H Jones Road; adjacent to State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme
At this viewing distance mitigation has very limited effectiveness and only appears as a change in vegetation cover between the viewer and the arrays.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
The arrays may be more visually dominant during winter with snow cover on the ground due to significant color contrast.

Perceived effect on scenic quality/viewer enjoyment:
Changes in color and texture of arrays create a focal point, but with other distracting structures the overall impact on scenic quality is not significant.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 28
Distance to Nearest Visible Array: 0.27 Miles
Viewpoint Location: Seebers Lane; southeast of State Route 80 (Clinton Road), Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: N/A
Mitigation Planting Module: Hedgerow

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☒ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☒ Continuous ☐ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*
Attractive rural landscape with gently sloping fields set against the distant ridge line on the horizon. View is dominated by vegetation with very little evidence of cultural activity.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	3.5	Substantial contrast with existing landform in Mid ground toward horizon
Vegetation	3.5	3.5	Color and texture, and regimented form of arrays, are in contrast to natural landscape.
Land Use	3.5	3.5	Considerable change in the intensity of land use.
Water	~~0~~ NA	~~0~~ NA	WK
Sky	1.0	1.0	Arrays distract from sky near horizon.
Viewer Activity	3.0	3.0	Structural elements of arrays become the focus of the view due to form and color contrast.
TOTAL	14.5	14.5	*Total all scores above*
AVERAGE	2.9	2.9	*Average all scores above*

Viewpoint 28
Seebers Lane; southeast of State Route 80 (Clinton Road)

Effectiveness of mitigation planting scheme
Effectiveness of plantings is very limited and does little to break up the view of the arrays from this distance.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
Sunlight highlights some sections of the array making them more visible, but visibility remains even when they are cast in the shadows toward the horizon.

Perceived effect on scenic quality/viewer enjoyment:
The effect on viewer enjoyment depends on whether the viewer finds the arrays as attractive technology or as intrusion on the landscape.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 32
Distance to Nearest Visible Array: 3.1 Miles
Viewpoint Location: State Route 10 (Ephratah Road); east of Gerhartz Street, Town of Palatine
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident, Commuter/Through Traveler
Sensitive Site: State Route 10
Mitigation Planting Module: N/A

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Existing Conditions

Viewer Description: *(Please describe this view in your own words.)*
Attractive setting created by mid ground rural views and distant land forms as a backdrop along the horizon.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	1.0	1.0	Very slight contrast in linear form along edge of fields in the distance
Vegetation	0	0	
Land Use	0	0	
Water	~~0~~ NA	~~0~~ NA	WK
Sky	0	0	
Viewer Activity	0	0	
TOTAL	1.0	1.0	*Total all scores above*
AVERAGE	0.2	0.2	*Average all scores above*

Viewpoint 32
State Route 10 (Ephratah Road); east of Gerhartz Street

Effectiveness of mitigation planting scheme
Mitigation will not be effective or needed when viewed from this location and distance

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
May be some contrast in color of arrays under winter conditions and snow cover

Perceived effect on scenic quality/viewer enjoyment:
Little if any perceived effect on scenic quality.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 82 Snow
Distance to Nearest Visible Array: 4.35 Miles
Viewpoint Location: United States Highway 20 ; Adjacent to the Tepee parking lot, Town of Cherry Valley
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/Recreational User
Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee
Mitigation Planting Module: N/A

Rating Panel Information:
Your Name: W. KALINA
Date: 1-9-19

Viewpoint Sensitivity:
Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☐ Moderate ☒ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☐ Repeated/Regular
☒ Occasional/Brief ☐ Rare

Viewer Description: (*Please describe this view in your own words.*)
Scenic view overlooking the valley along Canajoharie Creek to the north of Route 20. The view highlights the rural nature of the region.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	1.0	1.0	The linear nature of the projects blends in with surrounding landforms from this viewpoint.
Vegetation	1.0	1.0	The lack of vegetation in the array areas may be noticeable to some.
Land Use	2.0	2.0	The contrast in form and color highlight the difference in land use from surrounding areas.
Water	~~0~~ NA	~~0~~ NA	WK
Sky	0	0	
Viewer Activity	1.5	1.5	Views will be brief, but under certain lighting conditions the arrays may be noticeable.
TOTAL	5.5	5.5	Total all scores above
AVERAGE	~~0.91.1~~ WK	~~0.91.1~~ WK	Average all scores above

Viewpoint 82 Snow
United States Highway 20 ; Adjacent to the Tepee parking lot

Effectiveness of mitigation planting scheme
Mitigation plantings will not be effective from this distance and viewpoint overlooking the arrays.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
Winter conditions, snow and haze, may reduce the visibility of the arrays.

Perceived effect on scenic quality/viewer enjoyment:
Scenic quality will not be significantly impacted under these conditions from this viewpoint.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 82 Fall
Distance to Nearest Visible Array: 4.35 Miles
Viewpoint Location: United States Highway 20; From the Tepee parking lot, Town of Cherry Valley
Landscape Similarity Zone: Transportation Corridor
Viewer Type: Commuter/Through Traveler, Tourist/Recreational User
Sensitive Site: Route 20 Scenic Byway, NRHP-listed Tepee
Mitigation Planting Module: N/A

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: (*Please rate existing scenic quality*)
☐ Low ☐ Moderate ☒ High

Viewer Exposure: (*Please rate frequency and duration of view*)
☐ Continuous ☐ Repeated/Regular
☒ Occasional/Brief ☐ Rare

Viewer Description: (*Please describe this view in your own words.*)
Scenic view overlooking the valley along Canajoharie Creek to the north of Route 20. This is an attractive view highlighting variation in the area's topography and rural landscapes.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	1.5	1.5	Some contrast in land form due to linear nature of arrays.
Vegetation	2.0	2.0	There is some contrast between the arrays and adjacent vegetation in form, color, texture.
Land Use	2.0	2.0	The extent of the arrays as structural elements contrast with scattered rural structures.
Water	~~0~~ NA	~~0~~ NA	WK
Sky	0	0	
Viewer Activity	1.5	1.5	Views will be brief, but some viewers may notice the arrays due to their form and color.
TOTAL	~~7.0~~	7.0	*Total all scores above*
AVERAGE	~~2.1.4~~ WK	~~2.1.4~~ WK	*Average all scores above*

Viewpoint 82 Fall
United States Highway 20; From the Tepee parking lot

Effectiveness of mitigation planting scheme
Mitigation plantings will not be effective from this distance and viewpoint.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
The arrays may be most noticeable during leaf-off seasons and depending on the direction of lighting by the sun.

Perceived effect on scenic quality/viewer enjoyment:
Scenic quality will not be significantly impacted from this distance.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 130
Distance to Nearest Visible Array: 0.07 Miles
Viewpoint Location: 579 Marshville Road, Town of Canajoharie
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: NRHP-eligible 122 G Bowerman Road (USN 05702.000152)
Mitigation Planting Module: Hedgerow

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High Sensitive Site

Viewer Exposure: *(Please rate frequency and duration of view)*
☒ Continuous ☐ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*
Scenic country road with residence set back from Marshville Road, and scattered rural residences in a predominantly agricultural area.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.0	3.0	Linear nature of arrays dominate the flat landscape
Vegetation	3.0	2.5	Color and texture of arrays are in sharp contrast to existing vegetation.
Land Use	3.5	3.5	Change in intensity of land use from open field to structural elements is significant.
Water	~~0~~ NA	~~0~~ NA	WK
Sky	0	0	
Viewer Activity	3.5	3.0	Views to the residence are obstructed and dominated by the arrays.
TOTAL	13.0	12.0	Total all scores above
AVERAGE	~~2.2~~ 2.6 WK	~~2.0~~ 2.4 WK	Average all scores above

Viewpoint 130
579 Marshville Road

Effectiveness of mitigation planting scheme
Once established the planting will provide some degree of screening and breaking up the long extent of the arrays. Additional evergreen plantings may provide more year round screening.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
The backlighting of the arrays create a substantial shadow area that tends to highlight the arrays.

Perceived effect on scenic quality/viewer enjoyment:
The arrays are distinct in visual character and contrast with nearby land use. Enjoyment from this viewpoint will be adversely imparted due to proximity to the viewer.

Visual Impact Rating Form

Mohawk Solar
Towns of Canajoharie, and Minden, Montgomery County, New York
EDR Project No: 16044

Viewpoint Information:
Viewpoint Number: 153
Distance to Nearest Visible Array: 0.05 Miles
Viewpoint Location: 861 State Route 163, Town of Minden
Landscape Similarity Zone: Rural Upland
Viewer Type: Local Resident
Sensitive Site: Nestle Road School House
Mitigation Planting Module: Adjacent Resource

Rating Panel Information:
Your Name: W. KALINA
Date: 4-9-19

Viewpoint Sensitivity:
Scenic Quality: *(Please rate existing scenic quality)*
☐ Low ☐ Moderate ☒ High

Viewer Exposure: *(Please rate frequency and duration of view)*
☐ Continuous ☒ Repeated/Regular
☐ Occasional/Brief ☐ Rare

Viewer Description: *(Please describe this view in your own words.)*
Great composition of natural features in this landscape with attractive mix of color, texture and form in foreground, midground and background views. Distinct land form along the far horizon add to this area's visual interest.

Contrast Rating:
(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant		Minimal		Moderate		Appreciable		Strong
0	.5	1	1.5	2	2.5	3	3.5	4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	3.5	2.0	The linear and vertical elements of the arrays significantly contrast with natural landforms.
Vegetation	3.5	1.5	The structural elements contrast in color, form and texture of vegetation in the foreground.
Land Use	4.0	2.0	Significant difference in intensity of land use in the foreground.
Water	0NA	0NA	WK
Sky	0	0	
Viewer Activity	3.5	2.5	Distant views from this location are blocked or substantially altered.
TOTAL	14.5	8.0	*Total all scores above*
AVERAGE	~~2.9~~ 2.9 WK	~~1.6~~ 1.6 WK	*Average all scores above*

Viewpoint 153
861 State Route 163

Effectiveness of mitigation planting scheme
Young mitigation plantings will help to break-up the long visual extent of the arrays. Over the long term the plantings will be effective in screening much of the project from this viewpoint, but will also obscure long distance views.

Variable factors that may have influenced rating (atmospheric conditions, season, etc.):
Plantings will be effective mitigation during the growing season, but will not be as effective during leaf-off seasons.

Perceived effect on scenic quality/viewer enjoyment:
Long distance views to the horizon will be adversely impacted by the arrays and plantings.

Visual Impact Rating Form

Mohawk Solar

Towns of Canajoharie, and Minden, Montgomery County, New York

EDR Project No: 16044

Viewpoint Information:

Viewpoint Number: 154

Distance to Nearest Visible Array: 0.1 Miles

Viewpoint Location: State Route 163 (Cherry Valley Road), Town of Minden

Landscape Similarity Zone: Rural Upland

Viewer Type: Local Resident, Commuter/Through Traveler

Sensitive Site: State Route 163

Mitigation Planting Module: Adjacent Resource

Rating Panel Information:

Your Name: W. KALINA

Date: 4-9-19

Viewpoint Sensitivity:

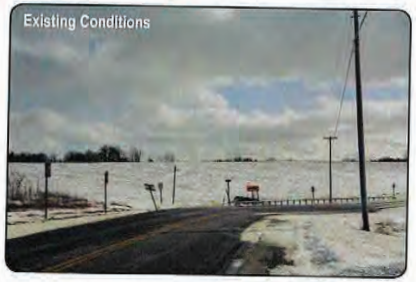
Scenic Quality: *(Please rate existing scenic quality)*

☒ Low ☐ Moderate ☐ High

Viewer Exposure: *(Please rate frequency and duration of view)*

☐ Continuous ☒ Repeated/Regular

☐ Occasional/Brief ☐ Rare



Viewer Description: *(Please describe this view in your own words.)*

Relatively non-distinct view of hillside farm field lacking in any focal points or visual interest.

Contrast Rating:

(Please rate the level of contrast between the existing view, 3-6 month post install and 5-7 year post install.)

Contrast Rating Score Chart

Insignificant 0 | .5 | Minimal 1 | 1.5 | Moderate 2 | 2.5 | Appreciable 3 | 3.5 | Strong 4

Component	Score		Description of Contrast
	3-6 month	5-7 year	
Landform	2.0	2.0	There is some contrast in form, color, texture of arrays compared to existing farmland.
Vegetation	3.0	3.0	Substantial contrast of structural elements with nearby vegetation.
Land Use	3.0	3.0	Change in intensity of land use from farm field to structural form of arrays.
Water	~~0~~ NA	~~0~~ NA	WK
Sky	2.0	2.0	There is contrast in form and color of arrays against the sky
Viewer Activity	1.0	1.0	Viewer activity may not be adversely impacted due to existing scenic quality.
TOTAL	11.0	11.0	Total all scores above
AVERAGE	~~1.82.2~~ WK	~~1.82.2~~ WK	Average all scores above

Viewpoint 154

State Route 163 (Cherry Valley Road)

Effectiveness of mitigation planting scheme

Mitigation planting will be effective long term in softening the contrast of the arrays with surrounding features.

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

The ratings are based on leaf-off periods when the contrast of the arrays may be the highest.

Perceived effect on scenic quality/viewer enjoyment:

Scenic quality is relatively low and will be limited by existing views from the roadway and site conditions.

Viewpoint	Panel Member	Landform	Vegetation	Land Use	Sky	Viewer Activity	TOTAL	AVERAGE
16 (3-6 month)	Jocelyn Gavitt	3.5	3	3.5	2.5	3	15.5	3.1
	Walt Kalina	3	3	3	1	3	13	2.6
	David Raphael	2.5	1	3	0.5	2.5	9.5	1.9
	Average	**3**	**2.333333333**	**3.166666667**	**1.333333333**	**2.833333333**	**12.66666667**	**2.5**
16 (5-7 year)	Jocelyn Gavitt	2.5	2	2.5	2	1.5	10.5	2.1
	Walt Kalina	2	2	2	1	2	9	1.8
	David Raphael	2	0.5	1.5	0.5	2	6.5	1.3
	Average	**2.166666667**	**1.5**	**2**	**1.166666667**	**1.833333333**	**8.666666667**	**1.7**
24 (3-6 month)	Jocelyn Gavitt	3.5	3.5	3.5	3.5	3	17	3.4
	Walt Kalina	3	3.5	3.5	0	2.5	12.5	2.5
	David Raphael	2.5	2	2	1	3	10.5	2.1
	Average	**3**	**3**	**3**	**1.5**	**2.833333333**	**13.33333333**	**2.7**
24 (5-7 year)	Jocelyn Gavitt	3	2.5	2.5	2.5	2	12.5	2.5
	Walt Kalina	3	2.5	3.5	0	2	11	2.2
	David Raphael	2.5	2	2	1	3	10.5	2.1
	Average	**2.833333333**	**2.333333333**	**2.666666667**	**1.166666667**	**2.333333333**	**11.33333333**	**2.3**
26 (3-6 month)	Jocelyn Gavitt	2.5	2	2	1.5	2.5	10.5	2.1
	Walt Kalina	3	3	2.5	0	1.5	10	2
	David Raphael	1	1	3	0.5	3	8.5	1.7
	Average	**2.833333333**	**2.333333333**	**2.666666667**	**1.166666667**	**2.333333333**	**9.666666667**	**1.9**
26 (5-7 year)	Jocelyn Gavitt	2.5	2	2	1.5	2.5	10.5	2.1
	Walt Kalina	3	2.5	2.5	0	1.5	9.5	1.9
	David Raphael	1	1	3	0.5	3	8.5	1.7
	Average	**2.166666667**	**1.833333333**	**2.5**	**0.666666667**	**2.333333333**	**9.5**	**1.9**
28 (3-6 month)	Jocelyn Gavitt	3	2.5	3	3.5	3	15	3.0
	Walt Kalina	3.5	3.5	3.5	1	3	14.5	2.9
	David Raphael	3.5	2.5	3.5	2.5	3.5	15.5	3.1
	Average	**3.333333333**	**2.833333333**	**3.333333333**	**2.333333333**	**3.166666667**	**15**	**3.0**
28 (5-7 year)	Jocelyn Gavitt	3	2.5	3	3.5	3	15	3.0
	Walt Kalina	3.5	3.5	3.5	1	3	14.5	2.9
	David Raphael	3.5	2.5	3.5	2.5	3.5	15.5	3.1
	Average	**3.333333333**	**2.833333333**	**3.333333333**	**2.333333333**	**3.166666667**	**15**	**3.0**
32	Jocelyn Gavitt	0	0	0	0	0	0	0.0
	Walt Kalina	1	0	0	0	0	1	0.2
	David Raphael	0.5	0	1	0	0	0.5	0.3
	Average	**0.5**	**0**	**0.333333333**	**0**	**0**	**0.5**	**0.2**
82 snow	Jocelyn Gavitt	1	1	0.5	0.5	0.5	3.5	0.7
	Walt Kalina	1	1	2	0	1.5	5.5	1.1
	David Raphael	1	0.5	0.5	0	0	1	0.4
	Average	**1**	**0.833333333**	**1**	**0.166666667**	**0.666666667**	**3.333333333**	**0.7**
82 fall	Jocelyn Gavitt	0	0.5	0.5	0	0	1	0.2
	Walt Kalina	1.5	2	2	0	1.5	7	1.4
	David Raphael	0.5	0.5	0.5	0	0	0.5	0.3
	Average	**0.666666667**	**1**	**1**	**0**	**0.5**	**2.833333333**	**0.6**
130 (3-6 month)	Jocelyn Gavitt	2.5	3	3	1.5	2.5	12.5	2.5
	Walt Kalina	3	3	3.5	0	3.5	13	2.6
	David Raphael	2.5	1.5	3	0	2	9	1.8
	Average	**2.666666667**	**2.5**	**3.166666667**	**0.5**	**2.666666667**	**11.5**	**2.3**
130 (5-7 year)	Jocelyn Gavitt	2	2	2	1	2	9	1.8
	Walt Kalina	3	2.5	3.5	0	3	12	2.4
	David Raphael	2	1	2.5	0	1.5	7	1.4
	Average	**2.333333333**	**1.833333333**	**2.666666667**	**0.333333333**	**2.166666667**	**9.333333333**	**1.9**
153 (3-6 month)	Jocelyn Gavitt	4	3.5	3.5	3.5	4	18.5	3.7
	Walt Kalina	3.5	3.5	4	0	3.5	14.5	2.9
	David Raphael	2	2	3	2	3	12	2.4
	Average	**3.166666667**	**3**	**3.5**	**1.833333333**	**3.5**	**15**	**3.0**
153 (5-7 year)	Jocelyn Gavitt	1	1.5	1.5	1.5	1.5	7	1.4
	Walt Kalina	2	1.5	2	0	2.5	8	1.6
	David Raphael	2	2	3	3.5	3	13.5	2.7
	Average	**1.666666667**	**1.666666667**	**2.166666667**	**1.666666667**	**2.333333333**	**9.5**	**1.9**
	Jocelyn Gavitt	4	4	4	3.5	4	19.5	3.9

Viewpoint	Panel Member	Landform	Vegetation	Land Use	Sky	Viewer Activity	TOTAL	AVERAGE
154 (3-6 month)	Walt Kalina	2	3	3	2	1	11	2.2
	David Raphael	3.5	1	3.5	2.5	3.5	14	2.8
	Average	**1.666666667**	**1.666666667**	**2.166666667**	**1.666666667**	**2.333333333**	**14.83333333**	**3.0**
154 (5-7 year)	Jocelyn Gavitt	4	3.5	4	3.5	3.5	18.5	3.7
	Walt Kalina	2	3	3	2	1	11	2.2
	David Raphael	3.5	1	3.5	2.5	3	13.5	2.7
	Average	**3.166666667**	**2.5**	**3.5**	**2.666666667**	**2.5**	**14.33333333**	**2.9**

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Ms. Connelly is a registered landscape architect experienced in all phases of site design and implementation through to contract administration. She is also experienced in providing visual impact assessment services, having evaluated numerous projects with respect to visual impacts and potential mitigation measures. She is adept at balancing environmental and aesthetic needs with user and site engineering requirements. Her experience also includes interacting with various community constituencies to reach design consensus.

Education

Harvard University Graduate School of Design (2000), **Master of Landscape Architecture**. Cambridge, Massachusetts
SUNY College of Environmental Science and Forestry (1995), **Bachelor of Landscape Architecture**. Syracuse, New York
SUNY College of Technology at Alfred (1991), **Associate in Applied Science**. Alfred, New York

Certifications

Commonwealth of Massachusetts WBE | Federal DBE Certification
Registered Landscape Architect, State of New York, License #1875
Registered Landscape Architect, Commonwealth of Massachusetts, License #1214

Professional

Instructor, Rhode Island School of Design (2014 - Present); Providence, Rhode Island
Principal Landscape Architect, Terraink, Inc. (2010 - Present); Arlington, Massachusetts
Project Manager, Gregory Lombardi Design, Inc. (2008 - 2010); Cambridge, Massachusetts
Visiting Professor, Site Design and Grading Seminar; Rhode Island School of Design
Project Manager, Shadley Associates (2007 - 2008); Lexington, Massachusetts
Project Manager | Visual Expert, EDR Companies (2003 - 2007); Syracuse, New York
Adjunct Professor, SUNY College of Environmental Science and Forestry (2003 - 2007); Syracuse, New York
Landscape Architect, Reisen Design Associates (1999 - 2003); Cambridge, Massachusetts
Landscape Architect, Jacques Whitford Company, Inc. (1998 - 1999); Woburn, Massachusetts
Project Manager, Pressley Associates, Inc. (1995 - 1998); Cambridge, Massachusetts

Publications

"Protecting the Rural Landscape: Visual Quality Guidelines for Plymouth, Massachusetts and the New England Region." Graduate School of Design, Harvard University. Cambridge, Massachusetts

"Toward a Joint Palestine-Israel Industrial Development in al-Shoka and Karem Shalom: An Assessment of Location and Future Planning Flexibility." Graduate School of Design, Harvard University. Cambridge, Massachusetts

Studio Works Seven. Graduate School of Design, Harvard University. Cambridge, Massachusetts

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Experience

Lighthouse Wind
Evaluate visual impacts | rating panel for wind turbines in Somerset and Yates Counties, Western New York
Client: ESS Group, Inc. | Apex Clean Energy
Status: VIA In Process

Offshore MD
Evaluate visual impacts | rating panel for wind turbines offshore of Maryland
Client: ESS Group, Inc. | US Wind Inc.
Status: VIA In Process

Moosehead Lake Recreational Resource Assessment
Investigation coordination of recreational resources in the Moosehead Lake Region, Maine
Client: Saving Maine, Inc.
Technical Consultant: ESS Group, Inc.
Status: Resource Inventory in Progress

Antrim Wind Power
Provided Expert Witness with Court Testimony. Authored a Visual Impact Assessment (VIA) for a 28.8-MW, 9-turbine wind farm project in the Town of Antrim, Hillsborough County, New Hampshire. The VIA described the visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated existing visual resources. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Client: Counsel for the Public; New Hampshire Department of Justice
Technical Consultant: EDR Companies
Status: VIA Complete. Expert Witness with Court Testimony in Process

Block Island Wind Farm | Rating Panel
Evaluated visual impacts for wind turbines and transformer station improvements on Block Island, Rhode Island.
Client: EDR Companies | Deepwater Wind
Status: Under Construction

Howard Wind Farm | Rating Panel
Evaluated visual impacts for wind turbines in Steuben County, New York.
Client: EDR Companies | EverPower Wind Holdings, Inc.
Status: Operational 2012

Allegheny Wind | Rating Panel
Evaluated visual impacts for wind turbines in Cambria and Blair Counties, Pennsylvania.
Client: EDR Companies | Allegheny Wind, LLC.
Status: Operational 2009

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Experience

New England East-West Solution (NEEWS) | Rating Panel
Evaluated visual impacts for transmission line and transformer station improvements in New England.
Client: EDR Companies | Northeast Utilities and National Grid
Status: Unknown

Interstate Reliability | Rating Panel
Evaluated visual impacts for transmission line and transformer station improvements in NE.
Client: EDR Companies | Northeast Utilities and National Grid
Status: Unknown

Experience with other Firms

Southern Rhode Island Transmission Project
Expert Witness with Court Testimony that was not challenged. Oversaw preparation of the Visual Impact Assessment (VIA) and the Supplemental Tower Hill Tap Line VIA prepared for the proposed upgrade and extension of approximately 26 miles of an existing L-190 115 kilovolt transmission line in southern Rhode Island. Coordinated fieldwork, defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of viewshed maps and visual simulations, participated in the preparation of the VIA report and provided expert witness testimony on visual issues.
Firm: EDR Companies | Client: The Narragansett Electric Company (National Grid)
Status: Unknown

Tompkins County Public Safety Communications System
Directed preparation of Visual Impact Assessment component of the Draft Environmental Impact Statement (DEIS) prepared for the siting of nine new towers for wireless communications in Tompkins County, New York. Coordinated fieldwork, defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of viewshed maps and visual simulations and participated in the preparation of the VIA report.
Firm: EDR Companies | Client: Tompkins County; Planning Department | Status: Implemented

New York State Statewide Wireless Network
Participated in the preparation of the Generic Visual Impact Assessment (GVIA) report component of the DEIS prepared for the siting of wireless communications towers throughout New York State. Defined landscape similarity zones and viewer groups, identified sensitive resources/receptors, supervised the development of visual simulations and participated in the preparation of the GVIA report.
Firm: EDR Companies | Client: New York State | Status: Implemented

Visual Impact Assessment, Top Notch Wind Power Project
Evaluated visual impacts for Fairfield, Norway and Little Falls in Herkimer County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Firm: EDR Companies | Client: Atlantic Wind LLC | Status: Unknown

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Experience

Visual Impact Assessment, Cohocton Wind Power Project
Evaluated visual impacts for Visual Impact Assessment (VIA) report for an 82 MW, 41-turbine project proposed in the Town of Cohocton in Steuben County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Firm: EDR Companies | Client: First Wind | Status: Operational 2009

Visual Impact Assessment, Marble River Wind Farm
Assessed visual impacts for Visual Impact Assessment (VIA) report from 200 MW, 109-turbine project proposed for a 19,310-acre site in the Town of Clinton and Ellenburg in Clinton County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Firm: EDR Companies | Client: Marble River, LLC | Status: Operational 2012

Visual Impact Assessment, Jordanville Wind Power Project
Coordinated study and prepared Visual Impact Assessment (VIA) report for a proposed 150 MW 75-turbine project proposed in the Towns of Stark and Warren in Herkimer County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Firm: EDR Companies | Client: Jordanville Wind, LLC | Status: Unknown

Visual Impact Assessment, Dairy Hills Wind Farm
Evaluated visual impacts for Visual impact Assessment (VIA) report for a 160 MW, 80-turbine project proposed in the Towns of Castile, Covington, Perry, and Warsaw in Wyoming County, New York. The VIA report described visible components of the proposed project, defined the visual character of the study area, and inventoried and evaluated visual resources and viewer groups. The study also evaluated potential project visibility within the study area, identified key views and assessed visual impacts associated with the proposed wind power project.
Firm: EDR Companies | Client: Dairy Hills Windfarm, LLC. | Status: Unknown

Jamestown Board of Public Utilities Power Plant and Operations Center VIA
Evaluated visual impacts for Visual Assessment (VIA) report for a 40 MW clean-coal power-generating plant and operations center in Jamestown, New York. The VIA report described the analysis of project visibility, including view shed analysis and field verification. Visual impacts of the project were assessed by creating computer models of the proposed facilities and computer-assisted visual simulations of potential impacts as viewed from representative viewpoints. The report listed conclusions concerning potential visually sensitive receptors and identified mitigation options, which included recommendations regarding design and siting, the color and texture of built materials and lighting.
Firm: EDR Companies | Client: Jamestown Board of Public Utilities (JBPU) | Status: Unknown

Kellie Anne Connelly | RLA

Principal | Terraink - Landscape Architecture + Planning

Graduate Experience

Development of Rural Landscape Visual Quality Guidelines

This project focused on the creation of visual quality guidelines for Plymouth, Massachusetts and the New England region. The Town of Plymouth's 1990 Strategic Plan called for expanded development; however, concerns were raised regarding the potential growth impact on the rural quality of life and historic character of the region. This project developed design criteria through visual preference survey, while providing a basis for additional research (including a local case study) to the development standards for the Town.

Gavitt Associates

Jocelyn Gavitt, RLA, PRINCIPAL

4530 East Lake Road, Cazenovia, NY, 13035
p. 315.447.8563

EXPERIENCE SUMMARY

Licensed Landscape Architect with over 20 years experience as a practitioner and educator. Areas of expertise include community planning, community development, identification of catalytic projects, recreation planning and design, land use planning, institutional design, grant writing and community participatory practices. Experience includes working as a consultant practitioner as well as running community based projects through studio teaching at SUNY College of Environmental Science and Forestry's Landscape Architecture Department.

EDUCATION / REGISTRATIONS

SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY
FOCUS AREA: COMMUNITY DESIGN AND PLANNING
Thesis: A proposal for general education focused on the built community and environment. Advisor: Cheryl S. Doble
MS Landscape Architecture, May 2007

CORNELL UNIVERSITY
BS Landscape Architecture, May 1993

UNIVERSITY OF COPENHAGEN
Semester Abroad, Denmark International Study, Fall 1992

PROFESSIONAL REGISTRATION
New York license #1768-1
North Carolina License # 910

EXPERIENCE SUMMARY

GAVITT ASSOCIATES, CAZENOVIA, NEW YORK
Established in 2004

SUNY COLLEGE OF ENVIROMENTAL SCIENCE AND FORESTRY
Faculty 2004 - present

CAZENOVIA AREA COMMUNITY DEVELOPMENT ASSOCIATION (not for profit/volunteer)
Current President. Active board member since 2012

TRINITY ARCHITECTURE AND PLANNING, WINSTON-SALEM, NC
Partner, Landscape Architect. 1999-2001

ARCHITECTURAL DESIGN ASSOCIATES, WINSTON-SALEM, NC
Project Manager, Landscape Architect. 1997-1999

GS MILLER LANDSCAPE ARCHITECTURE, WINSTON-SALEM, NC
Landscape Architect. 1995-1997

PASHEK ASSOCIATES, PITTSBURGH, PA
Landscape Designer. 1993-1995

FALLINGWATER, MILL RUN, PA
Landscape Designer. 1993

VISUAL ASSESSMENT Provided expert visual assessment for Environmental Design Research, PC on the following projects:

Bluestone Wind Project, Broome County, NY 2018

Southfork Wind Project, NY & RI, US, 2017-2018

Galloo Island, NY, 2017

Baron Wind, NY, 2017

Timbermill Wind, NC, 2016

Clear River Energy Transmission, RI, 2016

Cassadaga Wind Project, Chautauqua County, NY, 2016

Merrimack Valley Reliability Project, NH & MA, 2015

New England East-West Solution (NEEWS), New England States, 2012

Block Island Wind Project, MA, 2011-2013

Allegany Wind Project, Cattaraugus County, NY, 2009

Rhode Island Reliability Project, RI, 2009

Howard Wind Project, Steuben county, NY 2008

NY Regional Interconnect, NY 2008

Dutch Hill Wind Project, Cohocton, NY, 2006

Walter L. Kalina, AICP
Senior Project Manager

Walt is a Senior Project Manager for Planning and Environmental Services at EDR. He is a Certified Planner with more than 38 years of professional consulting experience in land use planning, environmental permitting, and regulatory compliance projects. He has Master's degrees in Landscape Architecture from SUNY College of Environmental Science and Forestry and Public Administration from Syracuse University's Maxwell School of Citizenship, and is a member of the American Planning Association, Upstate New York Chapter and American Institute of Certified Planners. Walt's project experience and areas of expertise include land use studies and comprehensive plans, drafting zoning regulations and local ordinances, site design, New York State Environmental Quality Review Act (SEQRA) and National Environmental Policy Act (NEPA) environmental impact statements and mitigation planning, public participation, and grant writing.

As a Senior Project Manager with EDR, Walt is responsible for managing technical research, writing and report layout for planning reports and documents (i.e., comprehensive plans, local waterfront revitalization plans, agriculture enhancement plans, zoning regulation revisions, SEQRA compliance, grant writing, design guidelines, etc.); Coordinates and leads project-related community outreach meetings/events; Evolving information of municipal land use regulations and zoning codes, as well as New York State specific planning programs, such as the Local Waterfront Revitalization Program and Brownfield Opportunity Area program.

education

Master of Arts, Public Administration, Syracuse University, Maxwell School of Citizenship, 1998.

Master of Landscape Architecture, State University of New York, College of Environmental Science & Forestry, 1998.

Bachelor of Arts in Geography & Urban Planning, Syracuse University, College of Arts & Sciences, 1980.

registration / certifications

Certified Planner, American Institute of Certified Planners.

professional affiliations

Member, American Planning Association.

Member, American Institute of Certified Planners.

employment history

Senior Planner, Environmental Design & Research, Landscape Architecture and Engineering, P.C., Syracuse & Rochester, NY, 2016-present.

Associate Vice President, Principal Planner VI (2015-2016), Section Group Manager (2011-2014), Principal Planner, Associate, Manager of Planning & Ecology Group (2004-2010), Senior Planner (2001-2003); CHA Consulting, Inc., Syracuse, NY, 2001-2016.

Manager of Design, Principal Planner; McKenna Associates; Novi, MI, 1998-2001.

Environmental Resource Analysist; Environmental Design & Research, P.C., Syracuse & Rochester, NY, 1993-1884.

Associate Environmental Scientist & Land Use Planner; Terrestrial Environmental Specialists, Phoenix, NY, 1981-1983.

project experience

Galloo Island Wind Project, Jefferson County, NY- Prepared Visual Impact Assessment and technique support for proposed 30-turbine wind energy facility located on an island in Lake Ontario.

South Fork Wind Farm, Visual Impact Assessment, Offshore MA/RI- This project involved a visual impact assessment associated with an offshore wind farm located approximately 19 miles off the coast of Block Island Rhode Island. Served as senior project manager and provided technical oversight for field photography and survey, curvature of the earth calculations, viewshed methodology, simulations, and report production. Also provided graphic support for public outreach and education efforts.

Downtown Revitalization Initiative (DRI), City of Jamestown, NY- Oversaw the preparation of sections of DRI Final Report on Priority Projects in coordination with the City's Local Planning Committee for submittal to New York State as part of $10 million downtown revitalization grant awarded to the City.

Montgomery County Agricultural & Farmland Protection Plan Update, Montgomery County, NY- Managed the preparation of the Agricultural and Farmland Protection Plan that identified key issues facing agriculture in the community, recommended strategies for capitalizing on advantages and overcoming barriers, and advanced the viability of farming as an enterprise and a way of life on behalf of Montgomery County. The purpose of the planning for agriculture is to maintain the quality and accessibility of the sector's primary natural and economic resources.

Interstate 81 (I-81) Viaduct Project, City of Syracuse, Onondaga County, NY- Prepared Visual Impact Assessment Report and Visual Impact section of Draft Environmental Impact Statement in compliance with Federal Highway Administration requirements for New York State Department of Transportation (NYSDOT) PIN 3501.60, D031085 – the replacement of approximately 5 miles of elevated highways.

Multiple Dwellings Study, Town of Henrietta, NY- Provided planning expertise related to an in-depth review and analysis of existing land use plans and regulations, and possible zoning amendments related to multiple dwellings and other land uses within the Town of Henrietta.

Copenhagen Wind Project, Lewis County, NY- Prepared a NEPA Environmental Assessment and project QA/QC of Environmental Assessment Report on behalf of the U.S. Fish and Wildlife Service (USFWS), highlighting the impacts on federal threatened and endangered species for a proposed 47-turbine, approximately 79 MW wind energy project.

Broome County Corporate Park, Town of Conklin, Broome County, NY- Prepared QA/QC of environmental permitting reports in support of the final design and Stormwater Pollution Preventation Plan (SWPPP) for a proposed 900,000 square foot warehouse located in the Broome County Corporate Park. Also responsible for project coordination between mutliple consultants.

Zoning Ordinance Revisions, City of Auburn, NY- Prepared sections of the City of Auburn Downtown Form-Based Zoning Code for a proposed 562-acre Downtown/Owasco River Corridor BOA area characterized by at least 13 identified brownfield sites totaling 60 acres, and numerous other vacant and/or underutilized sites, many of which are suspected of contamination. The objectives of this project includes developing a market-driven, economically feasible plan for riverfront and downtown redevelopment; encouraging cleanup and return of brownfield, vacant and underutilized sites to productive economic and social use; and implementing key strategies needed to support more immediate area-wide redevelopment activities.

National Veterans Resource Complex (NVRC), Syracuse University, Onondaga County, NY- Provided SEQRA compliance services and served as a technical resource to the Syracuse University Campus Design and Planning Department, including preparation of Environmental Assessment Form and coordination on project permitting for the proposed demolition of Hoople Hall, and the constructing of the NVRC.

White Pine Commerce Park, Onondaga County Industrial Development Agency (OCIDA), Town of Clay, NY- *Prior to EDR*, Provided various support services to the OCIDA Board and County Economic Development staff for the White Pine Commerce Park (formerly known as the Clay Business Park). Services were related to designating the 350-acre undeveloped site as "shovel-ready" under NYS Empire State Development criteria. The project required identification of preliminary site design criteria, site layout and identification of buildable areas, and identification of environmentally sensitive areas as constraints to development. The project required a variety of technical studies related to traffic and transportation, wastewater treatment, wetlands and floodplains, and capacity of existing and proposed support infrastructure. NY SEQRA compliance documentation was prepared identifying potential environmental impacts and mitigation measures. These included a Draft Generic EIS, Final Generic EIS, and SEQRA Findings Statement. The project required conducting public hearings, agency involvement and public participation meetings. (2009-2014)

Onondaga County Department of Transportation (OCDOT), NY- *Prior to EDR*, Provided various support services to the OCDOT including environmental screenings of existing conditions along the West Genesee Street, Velasko Road, and Syracuse-Dewitt Road corridors as part of project plans for roadway reconstruction and pedestrian upgrades and improvements. Also prepared draft sections of a feasibility study and NYSDOT Design Approval Document for NEPA and SEQRA compliance for the Onondaga Lake Canalway Trail (West Shore Trail) Extension project along the west shore of Onondaga Lake. The trail project is part of the overall waterfront revitalization of the west shore of the lake in the Town of Geddes and City of Syracuse. (2011-2016)

NYS Thruway Authority- *Prior to EDR*, Assisted the NYSTA with SEQRA compliance documentation and agency coordination for the proposed construction of six wind turbines at several Thruway interchanges in western New York State. (2011-2012)

Progressive Waste Solutions, Seneca Meadows Inc., IESI, Seneca County, NY- *Prior to EDR*, Provided various planning and SEQRA compliance services for the Seneca Meadows Landfill facility in Seneca County including drafting sections of Part 360 landfill permit applications, conducting an alternative landfill site analyses, land use studies of adjacent areas, and SEQRA compliance documents including environmental impact statements for landfill-related projects. Recent studies were associated with development of a proposed rail facility and materials transfer point to receive municipal solid waste and landfill construction materials transported to the landfill via rail in an effort to reduce landfill truck traffic through neighboring communities. (2005-2016)

City of Syracuse, Onondaga County, NY- *Prior to EDR*, Managed various projects related to the Syracuse Comprehensive Plan 2025 including land use TNT neighborhood studies, design guideline recommendations for four neighborhood commercial corridors, proposed revisions to the City's Stormwater Ordinance and Tree Ordinance as part of Onondaga County's Save the Rain Program. (2006-2010)