

BEFORE THE OHIO POWER SITING BOARD

In the Matter of the Application of)	
Blossom Solar, LLC for a Certificate of)	Case No. 22-151-EL-BGN
Environmental Compatibility and Public)	
Need)	

NOTICE OF FILING RESPONSES TO STAFF’S SUPPLEMENTAL DATA REQUESTS

On May 27, 2022, Blossom Solar, LLC (“Blossom Solar”) filed an Application for a Certificate of Environmental Compatibility and Public Need with the Ohio Power Siting Board (the “Board”). On August 19, 2022, September 13, 2022, September 21, 2022, September 23, 2022, September 27, 2022, and October 20, 2022 Board Staff sent supplemental data requests pertaining to the Application. Attached to this notice are copies of Blossom Solar’s responses which have been previously submitted to Board Staff. Note that this submission includes a data response referenced in Blossom Solar’s September 7, 2022 filing on the case docket (August 19, 2022 Staff data request which Blossom Solar responded to on September 6, 2022). Due to a technical error that occurred while uploading the September 7, 2022 filing onto the DIS system, the September 6, 2022 data response did not appear in that filing.

Respectfully submitted,

/s/ Anna Sanyal

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CERTIFICATE OF SERVICE

The Public Utilities Commission of Ohio's e-filing system will electronically serve notice of the filing of this document on the parties referenced on the service list of the docket card who have electronically subscribed to the case. In addition, the undersigned certifies that a courtesy copy of the foregoing document is also being sent via electronic mail on November 7, 2022 to:

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/s/ Anna Sanyal
Anna Sanyal

**BEFORE
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In the Matter of the Application of)	
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Compatibility and Public Need)	

Blossom Solar, LLC's September 6, 2022 Responses to Staff's August 19, 2022 Data Requests

- 1. The application mentions a site grading. To evaluate the grading and its potential impact to future land use, ODA requests a site grading plan that includes:**
 - a. Existing and proposed one-foot contours**
 - b. Drainage arrows which delineate existing and proposed drainage patterns**
 - c. Estimated earthwork quantities including the amount of cut and fill and the amount of soil to be exported or imported (in cubic yards)**
 - d. Location of proposed improvements including construction entrances, construction roadways, parking areas, solar panel locations and laydown yards.**
 - e. North arrow and scale**
 - f. Existing surface water locations**

Response: As explained in the Applicant's response to Question #24 in its July 15, 2022 Responses to Staff's July 1, 2022 Data Requests, Applicant will be in a position to provide a detailed grading plan based on final site design of the facility prior to the start of construction. Grading information available based on the Preliminary-Maximum Site Plan provided as Exhibit A to the Application is fairly limited. The selection of the equipment, particularly the racking and its associated slope tolerance, will determine the type and location of needed earthwork.

The Applicant also provided responses to subparts (a) – (d) of the question above in its July 15, 2022 Responses to Staff's July 1, 2022 Data Requests. Further, subpart (e) is not applicable. Finally, with regard to subpart (f), the Applicant submitted a Geology and Hydrogeology Report as Exhibit M to the Application. Figure 6 identifies surface water and floodplain information in the Project Area.

2. Additional information on the medium-voltage collection system, to evaluate the effect on future subsurface drainage if the medium-voltage system is not removed as part of decommissioning, including:

- a. The type of cable (conductor size and material, insulation material and thickness, total diameter, etc.)**

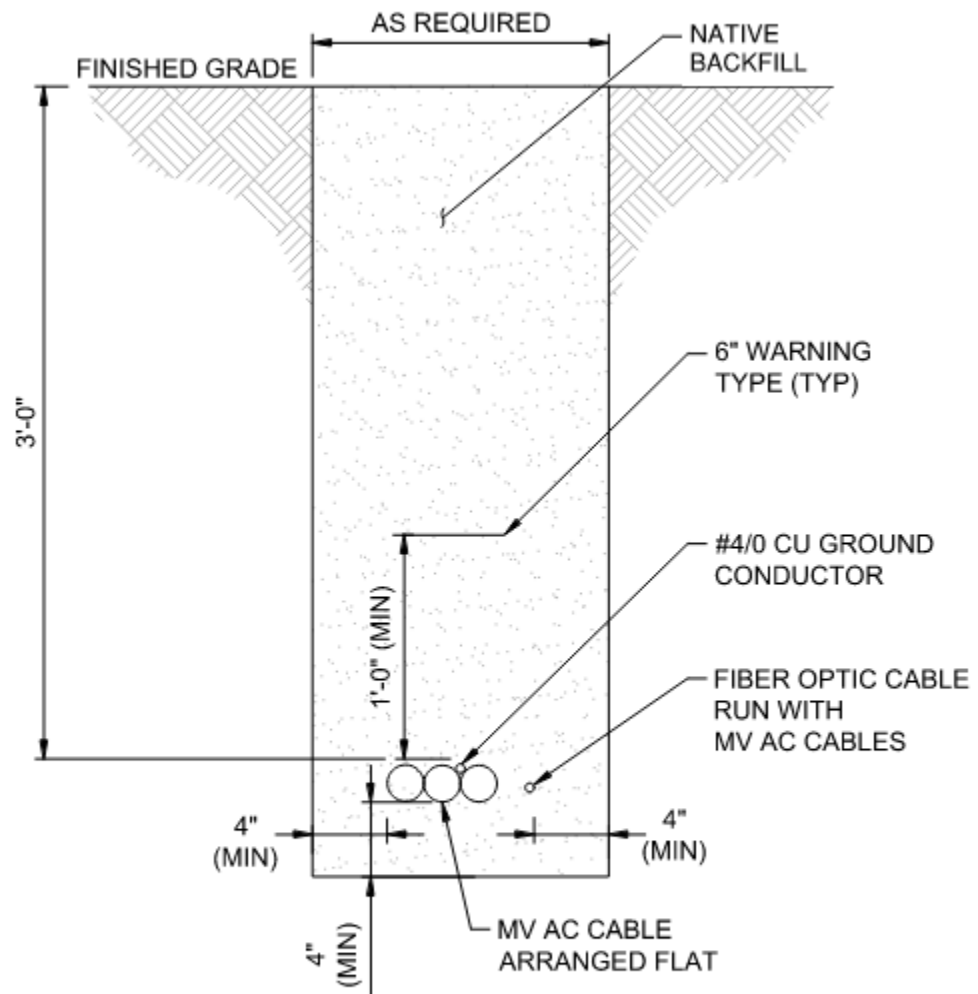
***Response:** Underground collection cables are expected to be aluminum and vary in sizes from 4/0 up to 1250kcmil. This information is preliminary and is subject to change as part of final site design.*

- b. Will the cable be buried in conduit? Or will there be any other protective layer placed above the cable?**

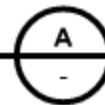
***Response:** Applicant expects that the collection cables will be direct buried, however, conduits could be utilized in certain situations (e.g. bore crossings, etc.). A warning ribbon would be installed above the cabling. This information is preliminary and subject to change as part of the final site design.*

- c. A cross section of the cable trench, including anticipated depth and fill material**

***Response:** See image below for a representative depiction of the cabling trench, anticipated depth, and material used on Blossom Solar. This information is preliminary and subject to change as part of the final site design.*



MV AC TRENCH
NOT TO SCALE



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Blossom Solar, LLC's September 23, 2022 Responses to Staff's September 13, 2022 Data Requests

1. In Table 11 "Proposed Impacts to Streams within Blossom Solar Project Area." in Exhibit Q Appendix C (Ecological Assessment), it is anticipated that 2,550 Linear Feet or 0.05 acres of delineated streams would be permanently impacted due to the installation of access roads. Please describe the nature of these anticipated impacts (installation of culverts crossings, etc.)

***Response:** Per Table 11 in Appendix C of Exhibit Q, it is anticipated that 2,550 square feet (not linear feet) of delineated streams would be permanently impacted due to installation of access roads. Such permanent impacts from the installation of access roads would be a result of installing permanent crossings for each access road, which are constructed with a culvert or low water crossing to allow for equipment to safely cross over and minimize impacts to the streams.*

2. It is anticipated that there will be zero permanent impacts associated from the installation of collection lines to streams or wetlands within the project area due to the utilization of Horizontal Directional Drilling (HDD). How many collection line crossings to both delineated streams and delineated wetlands respectively are anticipated from the use of HDD?

***Response:** The preliminary design anticipates there will be four HDD crossing locations of delineated streams and/or wetlands. The total number of such HDD crossings, however, are subject to change pending final site design.*

3. Are all anticipated temporary impacts to streams and wetlands (approximately 0.14 acres to wetlands and 0.06 acres to streams) from the installation of collection lines presumed to occur from an open-cut method of installation? If not, please then describe how temporary impacts to streams and wetlands would occur from the installation of collection lines.

Response: Yes, all anticipated temporary impacts to streams and wetlands from the installation of collection lines are presumed to occur from an open-cut method of installation.

4. Please confirm that no impacts or no in-water work from project construction or construction impacts would occur within the delineated perennial stream (S-18 Mud Run), a stream identified as having suitable habitat conditions for listed fish and mussel species.

Response: No impacts or no in-water work from project construction or construction impacts would occur within the delineated perennial stream (S-18 Mud Run).

5. Staff recommends that projects plant a minimum of 70% of the impacted project area in beneficial vegetation, utilizing plant species listed in the table below, or other suitable species as approved by ODNR. Staff also recommends that the Applicant follow the Ohio Solar Site Pollinator Habitat Planning and Assessment Form with a minimum score of 80 points. Staff further recommends that routine mowing will be limited to fall/spring seasons, as needed, to allow for natural reseeding of plantings and reduce impacts to ground-nesting birds. These guidelines are intended to provide wildlife habitat, encourage water infiltration, and reduce erosion. Is the Applicant willing to commit to staff's recommendations? If the Applicant does not find this recommendation to be practical, please explain and provide the Applicant's closest practical commitment in line with these recommendations.

Attachment A

Recommended plant species for Ohio solar facilities. Additional species may be considered after consultation with ODNR. NN = Non-native to Ohio.

Common Name	Species
Aster, Heath	<i>Symphyotrichum ericoides</i>
Aster, Sky blue	<i>Symphyotrichum oolentangense</i>
Aster, Smooth Blue	<i>Symphyotrichum laeve</i>
Broom-sedge Grass	<i>Andropogon virginicus</i>
Beardtongue, Foxglove	<i>Penstemon digitalis</i>
Beardtongue, Hairy	<i>Penstemon hirsutus</i>
Black-eyed Susan	<i>Rudbeckia hirta</i>
Blue-eyed-grass, Narrow-leaved	<i>Sisyrinchium angustifolium</i>
Brown-eyed Susan	<i>Rudbeckia triloba</i>
Bush Clover, Round-headed	<i>Lespedeza capitata</i>
Butterflyweed	<i>Asclepias tuberosa</i>
Clover, Alsike (NN)	<i>Trifolium hybridum</i>
Clover, Crimson (NN)	<i>Trifolium incarnatum</i>
Clover, Ladino (NN)	<i>Trifolium repens</i>
Flowering Spurge	<i>Euphorbia corollata</i>
Golden Alexanders	<i>Zizia aurea</i>
Goldenrod, Gray	<i>Solidago nemoralis</i>
Goldenrod, Stiff	<i>Solidago rigida</i>
Hoary Vervain	<i>Verbena stricta</i>
Lance-leaved Coreopsis	<i>Coreopsis lanceolata</i>
Little Bluestem Grass	<i>Schizachyrium scoparium</i>
Lobelia, Pale Spike	<i>Lobelia spicata</i>
Milkweed, Prairie	<i>Asclepias sullivantii</i>
Milkweed, Whorled	<i>Asclepias verticillata</i>
Mountain Mint, Narrow-leaved	<i>Pycnanthemum tenuifolium</i>
Mountain Mint, Virginia	<i>Pycnanthemum virginianum</i>
Nodding Onion	<i>Allium cernuum</i>
Ox-eye Sunflower	<i>Helopsis helianthoides</i>
Partridge Pea	<i>Chamaecrista fasciculata</i>
Purple Coneflower	<i>Echinacea purpurea</i>
Purple Love Grass	<i>Eragrostis spectabilis</i>
Seedbox*	<i>Ludwigia alternifolia</i>
Side-oats Grama Grass	<i>Boutelous curtipendula</i>
Tall Rough Dropseed Grass	<i>Sporobolus compositus</i>
Wild Bergamot	<i>Monarda fistulosa</i>
Wild Senna	<i>Senna hebecarpa</i>
Yarrow	<i>Achillea millefolium</i>

* Moist soils.

Response: Applicant is willing to commit to a goal of i) planting a minimum of 70% of the impacted project area in beneficial vegetation, utilizing ODNR's recommended plant species, or other suitable species as approved by ODNR, ii) following the Ohio Solar Site Pollinator Habitat Planning and Assessment Form with a minimum score of 80 points and iii) limiting routine mowing during the fall and spring seasons.

- a. Please describe the use of pollinator-friendly plantings in the design of the Blossom Solar Project? Describe the amount (in acres) of pollinator plantings incorporated into the design of the Project.

Response: Pollinator planting details, including the number of acres of pollinator plantings incorporated into the design, will be determined upon final site design.

- b. Have pollinator-friendly plantings been considered for planting underneath and between the proposed solar arrays? If not, please explain why.

Response: As noted above, Applicant is committed to a goal of covering a minimum of 70% of the project area in beneficial vegetation and achieving a minimum of 80 points on the Ohio Solar Site Pollinator Habitat Planning and Assessment Form. It is likely that pollinator-friendly plantings will be considered underneath and between the proposed solar arrays. Such design details, however, will be determined upon completion of final site design.

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Blossom Solar, LLC's October 5, 2022 Responses to Staff's September 21, 2022, September 23, 2022, and September 27, 2022 Data Requests

September 21, 2022 Data Requests

1. In review of the docket entry of July 25, 2022, summarizing Staff data requests to date, Attachment II of that response identifies seven oil and gas well permits, two of which are said to be within the project area, and both of which were summarized as permitted but never drilled as those permits have expired. Staff's review of the ODNR public data indicates that only one of these two permitted locations are within the project area, but more importantly, two wells that were drilled are not accounted for in the data request response. Please review and revise as necessary, Staff's previous request to: Please identify these wells by their assigned API number and confirm whether these wells have been plugged. In addition, provide minimum distances between these wells and any proposed project infrastructure.

Response: Please see Attachment 1 for a map showing the locations of oil and gas wells pulled from ODNR's online data base in relation to Blossom's Project Area. The embedded table shown in the upper right-hand corner of the map confirms which wells are located within the Project Area and the distance between these wells and any proposed project infrastructure. Two plugged wells (API 34117235930000 and API 34117600310000) and one permit expired well (API 34117236080000) are located within the project area.

2. The July 25, 2022, entry also addresses Staff's request for a figure depicting erodible soils and steep slopes. Attachment III of that response includes a figure depicting that a slight majority of the project area is located over highly erodible soils and slopes over 12% are present. Please summarize the percentage of both highly soils and > 12% slopes where project infrastructure will be placed and specify the infrastructure type. Include a discussion of any geotechnical or engineering methods the Applicant is considering to account for any potential adverse impacts caused by highly erodible or high sloping soils.

Response: See Attachment 2 for a summary of the percentage of both highly erodible soils and > 12% slopes where project infrastructure is proposed in Exhibit A (Preliminary-Maximum Site Plan) to Blossom's application. Geotechnical and engineering methods to account for installation of project infrastructure in areas with

highly erodible soils and slopes greater than 12% will be determined upon final site design.

3. Exhibit M (Geology and Hydrogeology Study by Burns & McDonnell) indicates: The design of the facility will follow the Ohio Building Code (OBC) which has provisions for earthquake design data. Has Applicant assigned a preliminary Seismic Class based on the geotechnical work conducted to date?

Response: *No, the Applicant has not assigned a preliminary Seismic Class to the area.*

4. Page 16/45 of Exhibit N (Preliminary Geotechnical Engineering Report by Terracon) indicates two deep borings were conducted at the substation site. However, it appears that only one boring (B-2) was performed in the general vicinity of the proposed substation. Please confirm.

Response: *The Applicant confirms that there were two borings drilled to a depth of 50 feet (B-2 and B-12) and only one of these borings (B-2) was in the general vicinity of the proposed substation.*

5. Please provide Staff with any preliminary access roads design considerations to date. Including but not limited to considerations of subsoil stabilization needs and soil analysis to determine bearing ratio.

Response: *Aside from access road design schematics shown on pages CE100 and CS300 in Exhibit A (Preliminary-Maximum Site Plan) to the application, Applicant has not formalized any additional access road design considerations. Such considerations will be accounted for during final site design.*

September 23, 2022 Data Requests

Land Use

6. Clarify what portion of the project will be covered in panels, in acres, re 4906-4-08(C)(1)(c).

Responses: *The Preliminary-Maximum Site Plan (Exhibit A) shows a ground coverage ratio of approximately 31% (or the percentage of the project that will be covered in panels). This figure is subject to change and will be finalized during final site design.*

7. In response to question 41 in the first data request from Staff, it is stated, “The minimum setback between the project fence and any neighboring residence (that is, a residence that was in existence at the time the application was submitted and is owned by a person not participating in the project) will be 250 feet.” Figure 14 lists three non-participating residences that are less than 250 feet from the fence, at 181, 201, 245 feet. Clarify these contradicting numbers.

Responses: *Response to be submitted by October 7, 2022.*

8. Agricultural land use is the only land use that the application indicates will be impacted, either temporarily or permanently, by this project. The application states on page 68, “Applicant plans to remove one house so that the participating land owner may use the underlying land for solar”. Does the Applicant consider this to be a permanent impact to residential land use?

Responses: *The house that will be removed is currently vacant, therefore this will not have a permanent impact to residential land use.*

9. Figure 16, Land Use Impacts by Facility Components, does not include an indication of the units of measurement used. What unit of measurement is used for the numbers contained in Figure 16? Provide an updated figure to reflect the unit of measurement being used.

Responses: *These numbers are in acres. Attachment 3 includes the revised Figure to reflect acres as the unit of measurement.*

10. Confirm that land use impacts would be contained to the project area. Confirm that land use impacts from construction would be contained to participating properties and would be temporary in nature.

Responses: *It is confirmed that the land use impacts are within the designated Project area. Further, the Applicant also confirms land use impacts would be contained to participating properties and would be temporary in nature.*

11. List the land uses which occur within one mile of the project area.

Response: *Figure 11 to the Application provides a map of land uses within one mile of the project area. Page 77 of the Application also describes the land uses within the five-*

mile area surrounding the perimeter of the project area. Additionally, per data from the Multi-Resolution Land Characteristics (MRLC) 2019 National Land Cover Database (NLCD), the land uses within one mile of the Project area are:

- *open water*
- *developed – open space*
- *developed – low intensity*
- *developed – medium intensity*
- *developed – high intensity*
- *deciduous forest*
- *evergreen forest*
- *shrub/scrub*
- *grassland/herbaceous*
- *pasture/hay*
- *cultivated crops*
- *woody wetlands*
- *emergent herbaceous wetlands.*

12. The Application states on page 71, “In addition, the study found that “solar development with proper planning and implementation, results in a small but manageable impact on the future agricultural productivity of the land on which it is sited.” (N.C. State 2019).” What steps is the Applicant taking as part of the “proper planning and implementation” the study references as method to minimize impacts to the future agricultural productivity of the land?

Response: *Exhibit Q to the Application (Ecological Impact Assessment Report) estimates that only 57 acres out of the 1,073-acre project footprint will be permanently impacted. These impacts will be caused by the installation of panel support piles without foundations, unpaved roads, a limited number of foundations for inverter pads, installation of buried lines, and a traditional foundation for an electric substation. The vast majority of the surface of the project area will remain open, with no equipment whatsoever. The ground around and under the solar panels will be vegetated with deep rooted grasses and pollinators. Essentially, the project will temporarily convert farmland to meadow while it also hosts solar panels. Further, the Applicant provides additional context below with regard to certain steps that the Applicant intends to implement for the project. The presence of the meadow ecosystem under solar panels will actually rehabilitate the soil and ultimately enhance agricultural productivity.*

Construction Grading and Soil Preservation

Topsoil will not be removed from the site during the construction process. Topsoil in the areas where grading is required will be removed first and then stockpiled on-site separately from subsoil material. Any topsoil temporarily disturbed during the installation of the solar panels and associated equipment and roads will be used to establish deep-rooted grasses and pollinators in the project area. Prior to the

establishment of the deep-rooted grasses and pollinators, the topsoil will be evaluated to ensure an appropriate depth and tested to determine the existing levels of organics and nutrients, and amendments (e.g. fertilizers, lime, etc.) to be added as needed.

Soil Quality

The project will resemble fallow ground due to its proposed vegetative management practices. These practices include planting and maintaining a mix of native vegetation with a goal of covering a minimum of 70% of the site with pollinator-friendly species recommended by the Ohio Department of Natural Resources. For these reasons, soil quality will improve over the life of the project in the same way that agricultural conservation programs promote soil fertility through a long-term pause in cultivation.

Compaction Prevention and Mitigation

Compaction at solar sites can result from the construction process itself (heavy vehicles), road construction, and regular mowing of ground cover during operations. On the other hand, the conversion of land to solar generating equipment will avoid compaction that would occur due to farming activities. Applicant notes that a new study published by the Proceedings of the National Academy of Sciences suggests that farming yields across the globe could decrease by 10-20% in the coming decades due to deep-soil compaction caused by modern-day, heavy farming equipment. In addition to avoiding the annual use of the very heavy machinery common in modern agriculture, the project will implement other measures noted in the study that can alleviate the impact of compaction on soil fertility. First, Applicant will use measures such as chisels and vibrators after construction and after decommissioning activities to address significant areas of compaction. Second, routine mowing will be limited to fall/spring seasons, as recommended by the Ohio Department of Natural Resources, in order to facilitate the maintenance of pollinator-friendly species for most of the project area (Applicant does not currently have plans to utilize livestock grazing for vegetation management at the site).

Erosion Prevention

The project will reduce the soil erosion and sediment loss resulting from annual planting and harvesting because it will establish and maintain mostly native, deep-rooted vegetation. As noted in Exhibit K to the Application (Stormwater Assessment), Blossom Solar's implementation of Ohio EPA's "General Permit" for stormwater management and its associated guidance on post-construction stormwater controls for solar facilities is expected to promote sheet flow of stormwater that will reduce erosion compared to current agricultural activities.

The reduction of the potential for soil erosion through proper management of vegetation and reduction in the use of fertilizers, herbicides, and pesticides will also improve storm water runoff quality to receiving streams and wetlands.

Weed and Vegetation Control

Exhibit C to the Application (Preliminary Vegetative Management Plan) sets forth Blossom Solar's proposed weed and vegetation control plans. Prior to seeding of native turf grass and pollinator cover species, Blossom Solar will either apply an herbicidal treatment or till the land to ensure that sufficient weed control is achieved so that the deep-rooted grasses and pollinators can be established. Once the applied grasses and pollinator vegetation has matured, the site will be routinely mowed to minimize weed growth. If noxious weeds and/or invasive plant species are found to be present, Applicant will follow all applicable state laws regarding noxious weeds and invasive plant species.

Prior to construction, Blossom Solar will submit a revised Vegetation Management Plan in consultation with ODNR that addresses how the project will establish and maintain its proposed beneficial vegetation and pollinator habitat planting applications.

Pollinators

As the study notes, the use of pollinator-friendly plants such as those planned for the majority of the project can only serve to enhance agricultural productivity.

Recreation/Visual

13. Provide a table listing recreational resources listed in the visual resources assessment (those that occur within the VSA) by name and include their respective distance from the project and specific visibility determinations for each resource (i.e., partial visibility, pockets of visibility, visibility unlikely).

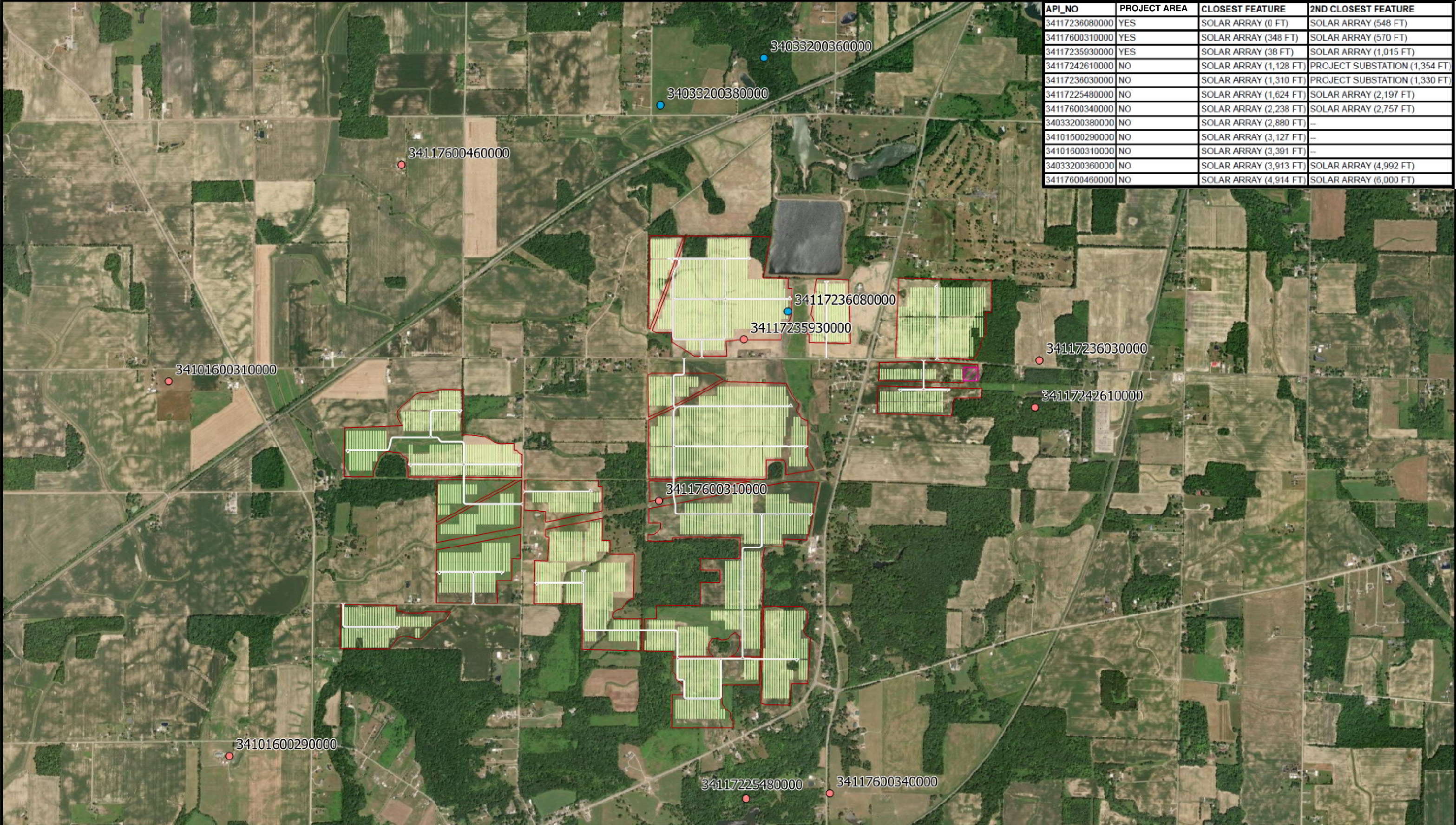
Response: *See Attachment 4. Also, Figure 5 in Exhibit Y (Visual Resources Assessment) to the Application provides the location of visually sensitive resources within the five-mile study area for the project.*

September 27, 2022 Data Request

14. Provide a list of and large-scale map illustrating participating and non-participating residences that are located within 300 feet of the project fence line. In addition, the map should also depict any residences that have a direct line-of-sight to the facility fence line in excess of 300 feet. This map should be superimposed upon the Applicant's proposed landscaping mitigation map. Identify and label nearby adjacent roads, recreational facilities, schools, cemeteries, and any other sensitive land uses.

Response: *Response to be submitted by October 7, 2022.*

Path: C:\Users\eaurney\Documents\132219_BlossomSolar_OH\GIS\132219_BlossomSolar\132219_BlossomSolar.aprx eaurney 10/5/2022
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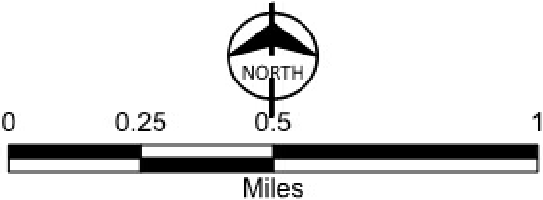


API_NO	PROJECT AREA	CLOSEST FEATURE	2ND CLOSEST FEATURE
34117236080000	YES	SOLAR ARRAY (0 FT)	SOLAR ARRAY (548 FT)
34117600310000	YES	SOLAR ARRAY (348 FT)	SOLAR ARRAY (570 FT)
34117235930000	YES	SOLAR ARRAY (38 FT)	SOLAR ARRAY (1,015 FT)
34117242610000	NO	SOLAR ARRAY (1,128 FT)	PROJECT SUBSTATION (1,354 FT)
34117236030000	NO	SOLAR ARRAY (1,310 FT)	PROJECT SUBSTATION (1,330 FT)
34117225480000	NO	SOLAR ARRAY (1,624 FT)	SOLAR ARRAY (2,197 FT)
34117600340000	NO	SOLAR ARRAY (2,238 FT)	SOLAR ARRAY (2,757 FT)
34033200380000	NO	SOLAR ARRAY (2,880 FT)	--
34101600290000	NO	SOLAR ARRAY (3,127 FT)	--
34101600310000	NO	SOLAR ARRAY (3,391 FT)	--
34033200360000	NO	SOLAR ARRAY (3,913 FT)	SOLAR ARRAY (4,992 FT)
34117600460000	NO	SOLAR ARRAY (4,914 FT)	SOLAR ARRAY (6,000 FT)

- Approximate Project Area
- ▨

 Project Substation
- Plugged
- Expired permit
- Access Road
- Solar Array

Attach. 1



Oil & Gas Well Map
Blossom Solar Project
Morrow County, Ohio

Summary of Total Impacts in Highly Erodible Soils and > 12% Slopes			
	Total Impact (Square Feet)	Total Impact (Acres)	Total Impact (% of Project Area)
Access Roads	13,222	0.30	<1%
Collection Line*	1,378		
Equipment Laydown	10,788	0.25	<1%
Substation	0	0	0
Solar Arrays	149,923	3.35	<1%

** Unit measured in linear feet*

Land Use Impacts by Facility Components

Facility Components	Temporary Impact in Acres	Permanent Impact in Acres
Agricultural		
Access Roads ¹	33	21
Collection Line ²	115	0
Equipment Laydown	51	0
Substation	3	2.5
Solar Arrays	835	1.02
Gen-Tie Line	0.72	0
Totals	1,037.72	24.52

1. Access roads will have a temporary width of 25 feet and permanent width of 16 feet.
2. A temporary work area extending approximately 25 feet on either side of the outermost cable.

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Fishing/Waterway Access Sites	Boat Access, Amick Reservoir	0.3 mile north	Yes	Visibility from boat access location on Amick Reservoir indicated. However, existing berm to the south of the reservoir would provide some natural visual screening of the solar panels. Additionally, the existing electric transmission line that bisects the Project approximately 0.4 mile south of Amick Reservoir dominates the existing viewshed. Therefore, the Project changes will not significantly alter the existing visual character at this location.	0.9 mile northwest	No	Visibility unlikely
Fishing/Waterway Access Sites	Boat Access, Amann Reservoir	0.4 mile north	No	Visibility unlikely	1.0 mile northwest	No	Visibility unlikely
Fishing/Waterway Access Sites	Boat Access, Powers Reservoir	1.3 miles north	No	Visibility unlikely	1.6 miles north	No	Visibility unlikely
Fishing/Waterway Access Sites	Boat Access, Olentangy River (off Snyder Road)	4.7 miles northwest	No	Visibility unlikely	6.1 miles northwest	No	Visibility unlikely

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Fishing/Waterway Access Sites	Boat Access, Olentangy River (off Monnett New Winchester Rd)	4.2 miles west-northwest	No	Visibility unlikely	6.9 miles west-northwest	No	Visibility unlikely
Fishing/Waterway Access Sites	Boat Access, Olentangy River (off Marseilles Galion Road E)	4.4 miles west	No	Visibility unlikely	7.3 miles west-southwest	No	Visibility unlikely
Local Parks and Recreation Areas	Galion Country Club/Sycamore Creek Golf Course complex	0.0 mile north (adjacent)	Yes	Pockets of visibility indicated. Recreational users of the complex are anticipated to have some visibility of the solar panels from the western portion of the facility through breaks in the tree lines. Views of the substation will be more limited to narrow bands along the western and southern portions of the site. Blossom Solar plans to incorporate medium- and/or high-density mitigation plantings along the northern Project boundary in areas where there are existing breaks in the tree lines, which will reduce Project visibility from the golf course complex (see Landscape Plan).	0.3 mile north	Yes	Narrow bands of visibility indicated. Views limited to narrow bands along the western and southern portions of the site. Blossom Solar plans to incorporate medium- and/or high-density mitigation plantings along the northern Project boundary in areas where there are existing breaks in the tree lines, which will reduce Project visibility from the golf course complex (see Landscape Plan).

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Local Parks and Recreation Areas	New Winchester Golf Course	3.6 miles northwest	No	Visibility unlikely	6.0 miles northwest	No	Visibility unlikely
Local Parks and Recreation Areas	Cobey Park (local park)	2.8 miles northeast	No	Visibility unlikely	3.0 miles northeast	No	Visibility unlikely
Local Parks and Recreation Areas	East Park (local park)	2.8 miles northeast	No	Visibility unlikely	3.0 miles northeast	No	Visibility unlikely
Local Parks and Recreation Areas	Heise Park (local park)	2.4 miles north-northeast	No	Visibility unlikely	2.8 miles north-northeast	No	Visibility unlikely
Local Parks and Recreation Areas	Peco II Park and Ballfields (local park)	3.2 miles north	No	Visibility unlikely	3.6 miles north	No	Visibility unlikely
Local Parks and Recreation Areas	South Park (local park)	1.5 miles northeast	No	Visibility unlikely	1.8 miles north-northeast	No	Visibility unlikely
Rivers and Streams with Public Fishing Rights/Access	Whetstone Creek	2.7 miles southeast	No	Visibility unlikely	3.3 miles southeast	No	Visibility unlikely
Rivers and Streams with Public Fishing Rights/Access	East Branch Whetstone Creek	4.8 miles south-southeast	No	Visibility unlikely	6.1 miles south	No	Visibility unlikely

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Rivers and Streams with Public Fishing Rights/Access	Flat Run	0.0 mile east (closest point/point of indicated visibility)	Yes	Intermittent visibility obstructed by existing trees on both sides of Flat Run	1.0 mile southwest (closest point); 2.0 miles south-southeast (location of indicated visibility)	Yes	Narrow corridor of substation visibility indicated along Flat Run approximately 2.0 miles south-southeast of the station; however, it would be difficult for viewers to perceive the substation at this distance due to the narrow profile and neutral color of the tallest components.
Rivers and Streams with Public Fishing Rights/Access	Rocky Fork	0.3 mile north	No	Visibility unlikely	0.9 mile north-northwest (closest point); 1.3 miles east (location of indicated visibility)	Yes	Substation may be visible from Rocky Fork approximately 1.3 miles east of the station; however, it would be difficult for viewers to perceive the substation at this distance due to the narrow profile and neutral color of the tallest components.
Rivers and Streams with Public Fishing Rights/Access	Thorn Run	1.8 miles south (closest point); 4.8 miles southwest (point of indicated visibility)	Yes	Narrow band of indicated solar panel visibility approximately 4.8 miles southwest of the project; however, it is anticipated that the solar panels would be imperceptible to viewers due to the distance.	3.3 miles south	No	Visibility unlikely

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Rivers and Streams with Public Fishing Rights/Access	Olentangy River	0.8 mile north	No	Visibility unlikely	1.0 mile north	No	Visibility unlikely
Named Lakes, Ponds, and Reservoirs	Amick Reservoir	<0.1 mile north	Yes	Visibility from most of Amick Reservoir indicated. However, existing berm to the south of the reservoir would provide some natural visual screening of the solar panels. Additionally, the existing electric transmission line that bisects the Project approximately 0.4 mile south of Amick Reservoir dominates the existing viewshed. Therefore, the Project changes will not significantly alter the existing visual character at this location.	0.8 mile northwest	Yes	Visibility from most of Amick Reservoir indicated. However, existing berm to the south of the reservoir would provide some natural visual screening of the solar panels. Additionally, the existing electric transmission line that bisects the Project approximately 0.4 mile south of Amick Reservoir dominates the existing viewshed. Therefore, the Project changes will not significantly alter the existing visual character at this location.
Named Lakes, Ponds, and Reservoirs	Candlewood Lake	4.0 miles southeast	No	Visibility unlikely	4.7 miles south-southeast	No	Visibility unlikely
Named Lakes, Ponds, and Reservoirs	Amann Reservoir	0.3 mile north	Yes	Intermittent visibility from the shoreline of Amann Reservoir indicated; views of the solar panels will be largely obstructed by trees located along the shoreline.	1.0 mile northwest	No	Visibility unlikely

Data Request No. 13

Blossom Solar Project

Project Visibility From Recreational Resources Located Within the Visual Study Area (as Indicated by the Project Viewshed Analysis)^a

Recreational Resources Category^b	Visually Sensitive Resource (VSR)	Distance and Direction from Nearest Solar Panel to VSR (closest point unless otherwise indicated)	Solar Panel Visibility Indicated by Viewshed Analysis Results (Yes/No)	Viewshed Analysis Solar Panel Visibility Determination	Distance and Direction from Substation to VSR (closest point unless otherwise indicated)	Substation Visibility Indicated by Viewshed Analysis Results (Yes/No)^c	Viewshed Analysis Substation Visibility Determination
Named Lakes, Ponds, and Reservoirs	Powers Reservoir	1.1 miles north	No	Visibility unlikely	1.4 miles north	Yes	May be visible from the northern portion of the reservoir. However, due to the distance from the substation to the portion of the reservoir with indicated visibility (1.6 miles) and the presence of intervening vegetation and structures, it is unlikely that viewers will be able to perceive the substation from that location.

(a) The Visual Study Area includes a 5.0-mile radius from the project site boundary.

(b) No National Parks, Recreation Areas, Seashores and/or Forests; National Natural Landmarks; National Wildlife Refuges; State Parks; State Nature Preserves or Wildlife Areas; State Forests; Publicly Accessible Conservation Lands/Easements; or Other State Lands/Designated Trails are located within the 5.0-mile Visual Study Area. Data request question no. 13 was for recreational resources only; therefore, this table does not include Properties of Historic Significance, Designated Scenic Resources, or High-Use Public Areas.

(c) Because the substation is located within the project boundaries, the distance to some VSRs may exceed 5.0 miles.

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of)	
Blossom Solar, LLC for a)	
Certificate of Environmental)	Case No. 22-151-EL-BGN
Compatibility and Public Need)	

Blossom Solar, LLC's October 7, 2022 Responses to Staff's September 21, 2022, September 23, 2022, and September 27, 2022 Data Requests

September 23, 2022 Data Request

7. In response to question 41 in the first data request from Staff, it is stated, "The minimum setback between the project fence and any neighboring residence (that is, a residence that was in existence at the time the application was submitted and is owned by a person not participating in the project) will be 250 feet." Figure 14 lists three non-participating residences that are less than 250 feet from the fence, at 181, 201, 245 feet. Clarify these contradicting numbers.

***Response:** The Applicant has confirmed that these three non-participating residences are at least 250 feet away from the fence. Please see Attachment 6, which is revised Figure 14. Further, the revised Preliminary-Maximum Site Plan, and corresponding GIS data, submitted as part of the notice of footprint modification on August 5, 2022, correctly depicts the fence line at least 250 feet away from the nearest non-participating residence.*

September 27, 2022 Data Request

14. Provide a list of and large-scale map illustrating participating and non-participating residences that are located within 300 feet of the project fence line. In addition, the map should also depict any residences that have a direct line-of-sight to the facility fence line in excess of 300 feet. This map should be superimposed upon the Applicant's proposed landscaping mitigation map. Identify and label nearby adjacent roads, recreational facilities, schools, cemeteries, and any other sensitive land uses.

***Response:** See Attachment 5.*

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of)	
Blossom Solar, LLC for a)	
Certificate of Environmental)	Case No. 22-151-EL-BGN
Compatibility and Public Need)	

**Blossom Solar, LLC's October 27, 2022 Responses to Staff's October 20, 2022 Data
Requests**

1. Indicate whether the owners of properties entering the Applicant's Home Solar Program are designated as participating landowners?

Response: *The owners of the properties who have subscribed to the Home Solar Program are not "participating landowners" in the Project because they have not entered into agreements to host part of the Project's infrastructure. There will be no physical connection between the Project and the home solar systems. Rather, the subscribers have merely indicated their interest in receiving the benefits of the Home Solar Program.*

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

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in

Case No(s). 22-0151-EL-BGN

Summary: Notice Notice of Filing Supplemental Data Responses electronically filed
by Ms. Anna Sanyal on behalf of Blossom Solar, LLC