

COMMONWEALTH OF KENTUCKY

**BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING**

IN THE MATTER OF:

THE ELECTRONIC APPLICATION OF MEADE)	
COUNTY SOLAR LLC FOR A CERTIFICATE TO)	
CONSTRUCT AN APPROXIMATELY 40 MEGAWATT)	CASE NO.
MERCHANT SOLAR ELECTRIC GENERATING)	2020-00390
FACILITY IN MEADE COUNTY, KENTUCKY)	
PURSUANT TO KRS 278.700, ET SEQ.,)	
AND 807 KAR 5:110)	

**MEADE COUNTY SOLAR LLC'S RESPONSE TO
SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION**

Filed: August 26, 2021

**COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING**

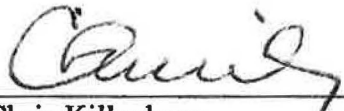
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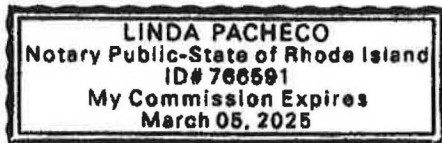
VERIFICATION OF CHRIS KILLENBERG

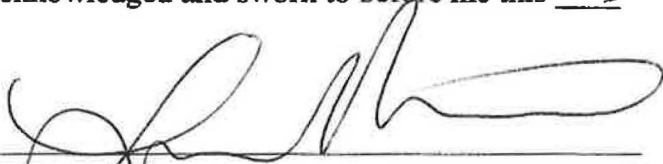
STATE OF Rhode Island)
COUNTY OF Newport)

Chris Killenberg, Regional Development Director for Community Energy Solar, LLC on behalf of Meade County Solar LLC, being duly sworn, states that he has supervised the preparation of certain responses to Requests for Information in the above-referenced case and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.


Chris Killenberg

The foregoing Verification was signed, acknowledged and sworn to before me this 23 day of August 2021, by Chris Killenberg.




Notary Commission Number: 766591
Commission expiration: March 05, 2025

Meade County Solar, LLC
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1. Submit a copy of the lease agreements that Meade County Solar has entered into in connection with the footprint for the proposed solar facility, including the lease agreements for each of the parcels of the participating landowner residences. To the extent that these leases will be provided under a petition for confidential treatment, provide the unredacted copies of each lease agreements under seal of confidentiality.

Response:

The requested lease agreements are provided under seal pursuant to a petition for confidential treatment filed simultaneously herewith. Because confidential treatment for the entire lease documents are being requested redacted versions are not being filed with these responses.

ATTACHMENT
FILED UNDER SEAL
PURSUANT TO A
MOTION FOR
CONFIDENTIAL
TREATMENT

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2. Explain how the presence of karst and sinkholes affects the location and construction of the solar panels.

Response:

The Applicant intends to avoid encroachment on any active karst and/or sinkhole features on the proposed project site. The Applicant will observe a setback off active karst/sinkhole features equal to the greater of seventy (70) feet from any open throat or twenty-five (25) feet from the periphery of any significant depression.

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3. Describe any alternative construction techniques for the racking system with karst.

Response:

The Applicant intends to avoid encroachment on any active karst and/or sinkhole features on the proposed project site. The Applicant will observe a setback off active karst/sinkhole features equal to the greater of seventy (70) feet from any open throat or twenty-five (25) feet from the periphery of any significant depression.

Where any shallow-depth karst or other rock features are encountered when installing the racking piles, the Applicant will likely use pre-cast ballasts to anchor the piles to the ground.

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4. Explain how the presence of tiling for drainage in the cropped area affects the location and construction of the solar panels.

Response:

The Applicant will make commercially reasonable efforts to locate any drainage tiling on the project site prior to construction. If during construction any drainage tiling is damaged, the Applicant will repair such tiling in an effort to retain proper drainage of the site.

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5. Explain whether the Project expects to maintain the tiling system throughout the lifetime of the lease and return the fields with tiling to the same state as they were at the beginning of the Project.

Response:

The Applicant will make commercially reasonable efforts to locate any drainage tiling on the project site prior to construction. If during construction any drainage tiling is damaged, the Applicant will repair such tiling in an effort to retain proper drainage of the site.

It is the Applicant's intent to maintain the tiling system throughout the lifetime of the lease and return the fields with tiling to the same state as they were at the beginning of the Project.

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6. Provide a compliance statement on updating the layout according to the One-line diagram at the time of construction and confirming the substation layout will be designed and constructed per the NEPA, NRSC, and OSHA requirements.

Response:

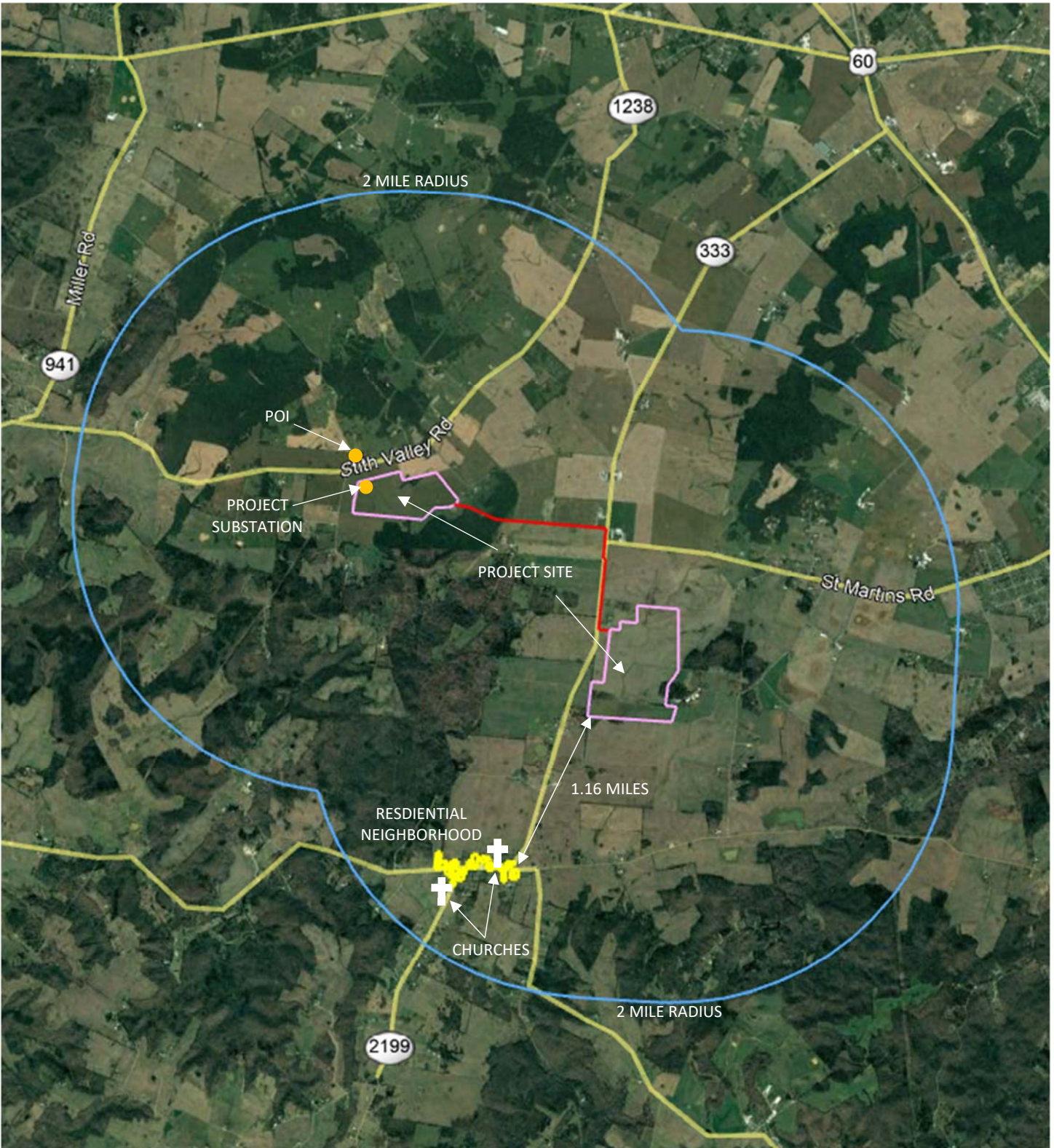
The Applicant will update the system layout, substation layout, and one-line diagram prior to construction. All such updates will be designed and constructed in compliance with any applicable NEPA, NRSC, and OSHA requirements.



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7. Provide an updated two-mile radius site plan identifying the Point of Interconnection (POI) and Plant Substation.

Response:

Please see attached 'Meade County Solar_UPDATED 2 mile radius map_8-17-21', page 2 of 2 of this response.



 <p>COMMUNITY ENERGY[®]</p> <p>COMMUNITY ENERGY SOLAR, LLC</p> <p>3 RADNOR CORP CENTER, SUITE 300 100 MATSONFORD RD. RADNOR, PA 19087</p> <p>(866) 946-3123</p>	<p>MEADE COUNTY SOLAR - 40MW SOLAR PROJECT MEADE COUNTY, KY</p>		<p>MAP SHOWING THE DISTANCE OF THE PROPOSED SITE, INCLUDING THE PROJECT SUBSTATION AND POI FROM RESIDENTIAL NEIGHBORHOODS, SCHOOLS, PUBLIC AND PRIVATE PARKS, CHURCHES, HOSPITALS, AND NURSING HOMES, THAT ARE LOCATED WITHIN A TWO (2) MILE RADIUS OF THE PROPOSED FACILITY</p>
		<p>GUSTON KY: 37.48N / -88.16W</p> <p>VINE GROVE KY: 37.82N / -86.13W</p> <p>DATE: 8.17.2021</p>	

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8. Provide a compliance statement on updating the One-line diagram at the time of construction to include the feeder/power line from the substation to the Big Spring site and confirming the interconnection power line will be installed with necessary protection devices such as breakers or fuses, in order to protect the line by de-energizing it, in the event of fault or short circuit.

Response:

The Applicant confirms that the one-line diagram for the proposed Facility will be updated at the time of construction to include the medium-voltage feeder line connecting the project substation to the Big Spring section of the proposed project site. The medium-voltage feeder will be installed with a 35 kV breaker rated for the load current and fault current at the site. The breaker will be controlled by a protective relay designed to send a "trip" signal to the breaker in order to de-energize the line in the event of a fault or short circuit.

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9. Provide a compliance statement that you will identify the "Installation of Interconnecting Power line and the Power line crossing the Big Spring Road" separately on the schedule at the time of construction.

Response:

The Applicant confirms that it will identify the "Installation of Interconnecting Power line and the Power line crossing the Big Spring Road" separately on the construction schedule at the time of construction.

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10. Provide mitigation measures that will minimize the adverse effects of the following:
 - a. Protection of the Interconnection power line for faults or short circuits; and
 - b. Installation of the power line at the road crossing.

Response:

- a. The 69kV feeder line from the project substation to the POI will be protected by the 69 kV breakers Big River has installed on the existing 69 kV circuit. In addition, the project substation will have a 69 kV breaker controlled by a relay that will trip in order to de-energize the line in the event of a fault or short circuit.
- b. The 69kV feeder line from the project substation to the POI will be installed underground, including where it will cross under SR 1238 (Stith Valley Road). The section under the road will be installed in conduit for extra protection. A permit for the road crossing will be secured from the Kentucky Transportation Cabinet, and the installation of the underground feeder line will comply with the design and installation standards prescribed by the state.

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11. Provide the following attachments missing from the original application:
- a. Meade County Solar_Transmission Analysis_Table 4 - ATC Results (POI 1);
 - b. Meade County Solar_Transmission Analysis_Table 4 - ATC Results (POI 2);
and
 - c. Meade County Solar_Transmission Analysis_Table 5 - Generation Projects.

Response:

The excel spreadsheets embedded in the original transmission analysis are being uploaded separately into the electronic filing system. The titles of these spreadsheets are as follows:

Attachment 11_'Meade County Solar_Transmission Analysis_Table 4 – ATC Results (POI 1)'

Attachment 11_'Meade County Solar_Transmission Analysis_Table 4 – ATC Results (POI 2)'

Attachment 11_'Meade County Solar_Transmission Analysis_Table 5 – Generation Projects

ATTACHMENTS
ARE EXCEL
SPREADSHEETS
AND UPLOADED
SEPARATELY