

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

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

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

Meade County Solar LLC (Meade County Solar), pursuant to 807 KAR 5:001, is to file with the Commission an electronic version of the following information. The information requested is due on August 26, 2021. The Commission directs Meade County Solar to the Commission's July 22, 2021 Order in Case No. 2020-00085¹ regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Meade County Solar shall make timely amendment to any prior response if Meade County Solar obtains information that indicates the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Meade County Solar fails or refuses to furnish all or part of the requested information, Meade County Solar shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, Meade County Solar shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

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.

2. Explain how the presence of karst and sinkholes affects the location and construction of the solar panels.
3. Describe any alternative construction techniques for the racking system with karst.
4. Explain how the presence of tiling for drainage in the cropped area affects the location and construction of the solar panels.
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.
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.
7. Provide an updated two-mile radius site plan identifying the Point of Interconnection (POI) and Plant Substation.
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.
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.

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.

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.



Linda C. Bridwell, PE
Executive Director
Public Service Commission *on behalf*
of the Kentucky State Board on
Generation and Transmission Siting
P.O. Box 615
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DATED AUG 12 2021

cc: Parties of Record

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