

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

In the Matter of:

ELECTRONIC APPLICATION OF SEBREE)	
SOLAR, LLC FOR A CERTIFICATE TO)	
CONSTRUCT AN APPROXIMATELY 250-)	
MEGAWATT MERCHANT SOLAR ELECTRIC)	
GENERATING FACILITY AND AN)	CASE NO.
APPROXIMATELY 4.5 MILE NONREGULATED)	2021-00072
ELECTRIC TRANSMISSION LINE IN)	
HENDERSON COUNTY, KENTUCKY AND)	
WEBSTER COUNTY, KENTUCKY PURSUANT)	
TO KRS 278.700 AND 807 KAR 5:110)	

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION
TO SEBREE SOLAR, LLC

Sebree Solar, LLC (Sebree 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 November 12, 2021. The Siting Board directs Sebree Solar to the Kentucky Public Service 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

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).

association or a governmental agency, be accompanied by a signed certification of the 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.

Sebree Solar shall make timely amendment to any prior response if Sebree 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 Sebree Solar fails or refuses to furnish all or part of the requested information, Sebree 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, Sebree 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. Provide a detailed proposed construction schedule.
2. Provide a copy of the comments and minutes that were taken at the Henderson County Planning and Zoning Meeting regarding Sebree Solar.
3. Refer to the Application, Volume 2, Tab 12, Attachment A, Exhibit 3, Sheets 1.06 and 1.07. Provide a map of the residence and the surrounding vegetative screening

that is at the lower left corner of Sheet 1.06 and the upper left corner of Sheet 1.07. The residence and the surrounding solar panels and vegetative screening are covered by labels on the Conceptual Site Plan. If there is no vegetative screening for this residence, please explain.

4. Refer to the Application, Volume 1, numbered paragraph 2 on unnumbered page 2.

a. Provide a detailed description of the proposed racking system for the 850,000 solar panels. Include in the description of the racking if the panels will be stationary or will motors be installed allowing the panels to rotate.

b. If the panels will rotate, provide a description of the motors that will be used to rotate the solar panels. Include in the response a noise analysis of the sound produced by the motors.

5. Refer to the Application, Volume 2, Tab 12, Attachment A, Exhibit 4, Noise Impact Assessment, page 11 of 33, section 5.3.

a. Provide a table identifying the non-participating residences within 1,000 feet to the proposed solar panels. Include in the table for each residence: the distance to the closest solar panel; the anticipated sound pressure level measured in dBA from pile driving activity at each residence; and the anticipated sound pressure level measured in dBA from operations of the facility at the residence.

b. Provide a table identifying the five nearest non-participating residences to an inverter. Include in the table for each residence: the distance to the closest inverter; and the anticipated sound pressure level measured in dBA produced by operations of the facility at the residence.

c. Provide a table identifying the five nearest non-participating residences to a proposed substation transformer. Include in the table for each residence: the distance to the substation and transformer; and the anticipated sound pressure level measured in dBA produced by operations of the facility at the residence.

6. Confirm whether a Power Circuit Breaker or equivalent protective equipment will be installed per North American Electric Reliability Corporation requirements at the receiving end substation.

7. Explain in detail the risks identified and the corresponding mitigation measures proposed for the proposed new power lines crossing the existing power lines, both the internal power lines as well as the 161 kV transmission line connecting the Big Rivers Electric Corporation Reid Substation.

8. Explain the risks associated with installing electrical equipment near bodies of water and provide any proposed mitigation measures that address this risk.

9. Explain whether Sebree Solar has coordinated with the utility/transmission planning authority regarding the risks associated with Reliability and Availability of Power export during times when sunlight is unavailable. Provide any mitigation measures that address this risk.

10. Provide any mitigation measures that address the risks associated with the faults on the main transformer and the transmission line and maintaining balance on the grid.



Linda C. Bridwell, PE
Executive Director
Public Service Commission *on behalf*
of the Kentucky State Board on
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DATED OCT 29 2021

cc: Parties of Record

Case No. 2021-00072

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