

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF FLAT RUN)	
SOLAR, LLC FOR A CERTIFICATE OF)	
CONSTRUCTION FOR AN APPROXIMATELY)	CASE NO.
55 MEGAWATT MERCHANT ELECTRIC)	2020-00272
SOLAR GENERATING FACILITY IN TAYLOR)	
COUNTY, KENTUCKY, PURSUANT TO KRS)	
278.700 AND 807 KAR 5:110)	

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

Flat Run Solar, LLC (Flat Run Solar), pursuant to 807 KAR 5:001, is to file with the Siting Board an electronic version of the following information. The information requested herein is due on June 25, 2021. The Siting Board directs Flat Run Solar to the March 16, 2020 and March 24, 2020 Orders in Case No. 2020-00085¹ regarding filings with the Siting Board. The Siting Board expects the original documents to be filed with the Siting Board within 30 days of the lifting of the current state of emergency. All responses in paper medium shall be appropriately bound, tabbed, and indexed. 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

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC Mar. 16, 2020), Order at 5–6. Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC Mar. 24, 2020), Order at 1–3.

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 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.

Flat Run Solar shall make timely amendment to any prior response if Flat Run 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 Flat Run Solar fails or refuses to furnish all or part of the requested information, Flat Run 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 filing a paper containing personal information, Flat Run 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. Refer to Flat Run Solar's responses to Sitting Board Staff's First Request for Information (Siting Board Staff's First Request), Item 7.
 - a. Estimate the expected duration of training required for local solar installers.
 - b. Explain if this program will be paid training or offered to local solar installers at no cost.

c. Explain if this program is expected to bring new jobs to the Green County Area Technology Center for a portion of the construction period.

2. Refer to Flat Run Solar's responses to the Siting Board Staff's First Request, Item 15 b. The locations of the two water wells are not shown on the map, submitted as Attachment I. Resubmit Attachment I showing the two water wells.

3. Refer to Flat Run Solar's responses to the Siting Board Staff's First Request, Item 17. Explain when the Siting Board will receive an updated EDR Environmental Lien and AUL Search from Flat Solar Run's environmental consultant.

4. Provide the acreage of the Potential Project Footprint Area on the preliminary site plan titled "Array Layout", dated 5/27/2021, in Attachment G of Flat Run Solar's responses to Siting Board Staff's First Request.

5. Explain the process that Flat Run Solar will employ to construct the fencing surrounding the boundary of the project and the noise level associated with the construction at the five nearest receptors measured in dBA.

6. Provide a detailed proposed construction schedule.

7. Provide the distance from the substation to the five nearest sound receptors, and the anticipated noise level measured in dBA.

8. Provide the distance from the string inverters to the five nearest sound receptors and the anticipated noise level measured in dBA.

9. Provide the distance from the central inverters to the five nearest sound receptors and the anticipated noise level measured in dBA.

10. Provide the distance from the BESS Heating, Ventilation, and Air-Conditioning (HVAC) Units to the five nearest sound receptors and the anticipated noise level measured in dBA.

11. Provide the distance from the tracking motors to the five nearest sound receptors and the anticipated noise level measured in dBA.

12. Provide a description of any construction method that will suppress the noise generated during the pile driving process (i.e., semi-tractor and canvas method; sound blankets on fencing surrounding the solar site; or any other comparable method) that Flat Run Solar plans to employ and the associated reduction in noise that each method produces.

13. Provide any studies or guidelines that Flat Run Solar relied on to determine that noise levels from the construction and operation of the solar facility are insignificant contributors to the operational sound levels of the site.

14. In response to the BBC Consulting's First Request for Information, Item 11, Flat Run Solar stated that it expected the heaviest and largest equipment requiring transportation to the site would be substation transformer, weighing approximately 60/70 tons, including the weight of the delivery vehicle. Describe how the substation transformer will be transported to the site, the anticipated impacts, and the proposed mitigation measures.

a. State whether the substation transformer will be transported by barge, rail, or another mode of transportation.

b. State how the substation transformer will be moved from the barge, railcar, or other mode of transportation to the site.

c. Describe the road equipment (type of truck) that will be used to move the substation transformer. Describe how long the truck and trailer will be, how many axles there will be, and the width of the load.

d. Specify the anticipated road route from the location the substation transform will be offloaded from its primary mode of transportation and trucked to the project site.

e. Describe how much time the road transportation of the substation transformer to the site will take, the anticipated effects on local traffic flow, and any plans to mitigate these effects.

f. Describe Flat Run Solar's current plans to avoid or mitigate damage to state highways or county roads from the transportation of the substation transformers.

15. Explain whether Flat Run Solar has prepared a decommissioning plan for the solar facility project and provide details of any such plan, including information on any bond to be put into place to ensure decommissioning.

16. There are five "Construction Entrances" to the site depicted in Attachment A to the Site Assessment Report (Preliminary Projects Layout) as well as in Attachment G to the applicant's Responses to Siting Board's First Requests for Information. Will each of those entrances still function as site entrances during the operational lifetime of the proposed project, or will they be closed off and/or obscured with vegetative buffers (where appropriate)? Please indicate which of the construction entrances are expected to continue to be used for operations. Or, if different entrances are anticipated for operational purposes, please describe their location and provide a map.



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 JUN 11 2021

cc: Parties of Record

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