

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

In the Matter of:

ELECTRONIC APPLICATION OF CLOVER)	
CREEK SOLAR PROJECT D/B/A NEW)	
FRONTIERS SOLAR PARK FOR A CERTIFICATE)	
OF CONSTRUCTION FOR AN APPROXIMATELY)	
100 MEGAWATT MERCHANT ELECTRIC SOLAR)	CASE NO.
GENERATING FACILITY AND NONREGULATED)	2024-00253
ELECTRIC TRANSMISSION LINE IN)	
BRECKINRIDGE COUNTY, KENTUCKY)	
PURSUANT TO KRS 278.700 AND 807 KAR)	
5:110)	

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION
TO CLOVER CREEK SOLAR PROJECT

Clover Creek Solar Project LLC d/b/a New Frontiers Solar Park (Clover Creek Solar) pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on February 10, 2025. The Siting Board directs Clover Creek 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 question to which the response is made and shall include the name of the witness responsible for responding to the questions related to 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).

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 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.

Clover Creek Solar shall make timely amendment to any prior response if Clover Creek Solar obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which Clover Creek Solar fails or refuses to furnish all or part of the requested information, Clover Creek 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 or scanned 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, Clover Creek 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. Maps provided during the site visit were a vast improvement with regard to straightforwardness and legibility compared to the maps that were submitted with the

application. Provide electronic copies (e.g., pdf files) of the simplified and more legible project maps provided during the site visit (e.g., “Engineering Map Whole Project,” “Neighbor Map Whole Project,” and “Landowner Map Whole Project”) and the more detailed maps specific to each of the four project areas (e.g., “Engineering Map 1,” “Landowner Map 1,” “Neighbor Map 1,” “Engineering Map 2,” etc.).

2. Refer to the Application, Site Assessment Report (SAR) Attachment D, Noise Study at 1. It states the following, “[t]he impact pile driving equipment used to install the solar array posts would generate maximum sound levels of approximately 101 dBA at 50 feet, depending on type and brand.” This pile driver sound level is consistent with most of the previous Site Assessment Report reviews for the Siting Board. However, page 5 states, “[p]ile driving was modeled assuming an Lmax sound level of 84 dBA at 50 feet based on typical impact pile drivers used for solar energy projects.”

a. Provide an external source(s) confirming the 84 dBA measurement from the type of pile drivers that would be used for this project at 50 feet, including but not limited to the manufacturer’s specification sheet.

b. If external sources supporting this quieter noise estimate for the pile drivers cannot be provided, update Table 3 in the Sound Study to additionally display construction sound modeling results for a more typical pile driver with maximum sound level generation of 101 dBA.

3. All other qualifications for the positions being equal, explain whether Clover Creek Solar intends to hire as many local workers for the construction and operation phases of the project as possible. If so, include how Clover Creek Solar intends to accomplish that.

4. Provide the anticipated start date and end date of construction.
5. Identify the time and location of any additional public meetings planned in Breckinridge County.
6. Detail any communications with members of the public, including neighboring landowners, regarding construction noise.
7. Explain any plans to coordinate with local landowners or others in case of complaints or other issues that might arise during the course of construction or operations.
8. Describe any specific measures to be taken to reduce noise impacts for nearby residents during construction.
9. Refer to SAR, Attachment E, Visual Resource Assessment and Mitigation Plan. Provide any updated vegetative plans.
10. Refer to SAR, Attachment E, Visual Resource Assessment and Mitigation Plan.
 - a. State whether the Existing Vegetative Buffer outlined in green in Appendix A figures (Screening Plan) indicates the vegetation that will exist at the project site throughout the construction and operation phases.
 - b. If any of the Existing Vegetative Buffer is slated for temporary or permanent removal, update the Screening Plan maps and legends to indicate areas of buffer that will be removed.
11. State the number of years it will take for planted trees and shrubs to reach mature height.
12. Describe any other forms of visual barriers to be implemented between the time of vegetation planting and the time when trees and shrubs will reach mature height.

13. Explain how the proposed transmission line would not have a significant adverse impact on the scenic assets of Madisonville, Kentucky.

14. Explain whether decommissioning will result in any significant economic impact benefiting state and local governments, the community, and its residents.

15. Explain when the stormwater permit application and other water related permit applications will be completed and submitted to the appropriate regulatory entity.

16. Explain whether neighbors will be affected by noise levels during pile driving. Provide any documents or studies to support the explanation.

17. Provide information on whether there will be an erosion and sedimentation control plan for the project.

18. Explain any commitments regarding infrastructure removal or land restoration during decommissioning, including in the landowner lease agreements.

19. Provide the name of the company that will employ the individuals that are or will be responsible for ensuring compliance with the statements in the Application, as well as any conditions imposed by the Siting Board during construction and operation of the project.

20. Provide any updates to vegetative screening plans.

21. Provide the peak daily number of construction vehicles accessing the site, identified by vehicle type (i.e., worker vehicles, delivery trucks, cement trucks, water trucks (if utilized), and other).

22. Provide the maximum expected load weights for each type of delivery truck, identified by type of truck, including cement trucks, water trucks, tractor trailers, or other types of general delivery trucks.

23. Provide information on the anticipated impact that fugitive dust will have on the project.

24. Explain whether the MV collection system will be underground, aboveground, or both. In addition to the explanation, provide a map that identifies which segments are underground and which segments are aboveground.

25. Refer to the Application, Local Ordinances and Regulations. Explain whether this project is in compliance with all local ordinances. Explain the sentence that states, “the Project has been designed to be and currently is in compliance, to the extent possible at this time” Specifically explain what is intended by the phrase “to the extent possible at this time.”

26. Verify whether a power purchase agreement has been finalized. If not, provide a timeline for drafting and finalizing a power purchase agreement.

27. Explain whether a complaint resolution program is going to be created for this project. If so, explain in detail the program. If not, please explain why not.

28. Provide the expected percentage of construction traffic that will utilize each of the 11 site entrances. Include in the response separate percentages for delivery traffic and commuting worker traffic by entrance. If this is expected to change during different phases of construction, break the percentages down by construction phase.

29. Provide an updated delivery plan for the construction phase of the project. Include in the response a list of all roads and bridges that will be used and what equipment will be delivered along which routes and through which access points.



30. Provide any further communication that has occurred with Kentucky Utilities Company or Big Rivers Electric Corporation regarding the transmission lines that will connect the proposed project to the electric grid.

31. Provide whether any part of the project boundary lies within Hardinsburg, Kentucky city limits. If so, provide a map identifying the specific portion of the project within the city limits.

32. Refer to the Archaeological Records Review, page 30. The summary recommends that certain archeological sites be avoided. Provide any further studies that will need to be completed and how the project layout will potentially be altered to avoid these sites.

33. Provide any communication that has occurred with the Breckinridge County Airport regarding the project.

34. Provide any communication that has occurred with the Federal Aviation Administration regarding the project.

 
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 JAN 27 2025

cc: Parties of Record

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