

COMMONWEALTH OF KENTUCKY
BEFORE THE ELECTRIC GENERATION
AND TRANSMISSION SITING BOARD

In the Matter of:

ELECTRONIC APPLICATION OF LYNN)
BARK ENERGY CENTER, LLC FOR A)
CERTIFICATE OF CONSTRUCTION FOR AN)
UP TO 200 MEGAWATT MERCHANT)
ELECTRIC SOLAR GENERATING FACILITY)
IN MARTIN COUNTY, KENTUCKY)

Case No. 2024-00104

LYNN BARK ENERGY CENTER, LLC'S RESPONSE TO
SITING BOARD STAFF'S SECOND SET OF DATA REQUESTS

1. Refer to the Application, Attachment A, Proposed Project Site. Provide an update site plan that shows the location of all:
 - a. Parcel boundaries.
 - b. Perimeter fencing.
 - c. Access roads.
 - d. Access points.
 - e. Substation
 - f. Battery energy storage stem (BESS).

RESPONSE: See **Attachment A** hereto, which is an updated map providing items (a) through (e) above. No battery energy storage system is depicted because none is proposed with this Project. Please note parcel boundaries are depicted based upon available data and will be further refined in connection with the Project's forthcoming ALTA Survey. The Project will only be built on properties for which it has executed solar leases.

For clarification, **Attachment A** hereto is the same as Exhibit A to the Application, but was updated and attached Applicant's Responses to the First Data Requests as "Attachment_E_Updated_Exhibit_A_Access_Gates." The publicly-available parcel boundaries were added to that Attachment E to create this new **Attachment A**.

Response provided by: Caleb Lemoine and Christina Martens of Savion, LLC, and Justin Ahn of ERM

2. Provide a map showing all alternative transmission line routes. Use satellite imagery as the basemap.

RESPONSE: The current possible transmission line route was provided on Exhibit A of the original application. Currently the Applicant is having a third-party review of the possible routes between the substation and the point of interconnection. The route will either be within Pocahontas Surface Interests, Inc properties or require an additional landowner agreement.

Response provided by: Caleb Lemoine, Christina Martens, and Justin Ahn

3. Provide what improvements would be made to existing roads ahead of construction.

RESPONSE: Applicant does not anticipate the need to update public roads. Private will likely need some improvements, however a haul route study will be completed to confirm any necessary improvements.

Response provided by: Caleb Lemoine and Christina Martens

4. Provide any updates to vegetative screening plans.

RESPONSE: No updates.

Response provided by: Caleb Lemoine and Christina Martens

5. Explain what racking technology will be used to minimize soil movement during construction and operations.

RESPONSE: Applicant plans to utilize racking technology to accommodate any steeper slopes, and only minor areas will be graded for Project construction.

Response provided by: Caleb Lemoine and Christina Martens

6. State whether construction activities would occur on Sundays. If yes, state the specific hours of the day during which construction might take place.

RESPONSE: Applicant's expects construction activities six days a week, excluding Sunday.

Response provided by: Caleb Lemoine and Christina Martens

7. 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).

RESPONSE: Applicant expects peak truck delivery will occur during module delivery. Applicant anticipates delivery of solar panels at approximately 10 pallets per truck and 41 modules per pallet, which equates to approximately 19 trucks per day for approximately a six-week period. During this time, additional deliveries may be made, resulting in peak truck delivery of approximately 20-30 trucks per day for that short period.

As the Board is aware, Applicant’s parent company, Savion LLC, also developed the Martin County Solar Project. Therefore, Applicant is able to provide some data collected from the ongoing construction of Martin County Solar. There, at the peak of construction there were 200 to 300 people on site for a 4-5 month period. During that same period, the peak deliveries were about 20 trucks a day during a shorter 2-3 month range. The module deliveries were limited to 8 per day, extending the six-week timeframe estimated above. For the Martin County Solar Project, cement trucks were not used often. They were only used during substation construction, and loads usually spread out over several weeks.

Response provided by: Caleb Lemoine, Christina Martens, and Justin Ahn

8. 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.

RESPONSE: The Project has not yet chosen an EPC contractor nor finalized the construction schedule and therefore does not have the specifics for the maximum expected load weights for each type of delivery truck. Based on the traffic and economics reports and our experiences at the Martin County Solar Project, Applicant estimates that only a few heavy duty/oversized truck deliveries will be needed throughout the entire construction period. Greater detail will be known closer to construction. The Main Power Transformer (MPT) is the heaviest piece of equipment to be delivered to the site. There will be a unique delivery plan for the MPT.

Additionally, for reference the following data was obtained relative to deliveries for the Martin County Solar Project:

Vehicle	Expected Load Weights
Cement Truck	20,000-30,000lb truck 60,000-70,000 max load weight
Water Truck	13,260lb-21,100lbs
Module Delivery Container	42,000 lbs

Vehicle	Expected Load Weights
Main Power Transformer	237,094 lbs.

Response provided by: Caleb Lemoine, Christina Martens, and Justin Ahn

9. Refer to Lynn Bark Energy’s response to Siting Board Staff’s First Request for Information (Staff’s First Request), Item 3. Also, refer to Site Assessment Report (SAR), Exhibit B, Acoustic Assessment Report at page 7. The response provided a construction schedule that includes six months of pile-driving activity from August 1 to January 30. Explain the discrepancy between the response and the Application. Provide an updated Acoustic Assessment Report as necessary.

RESPONSE: The schedule provided in response to the Board Staff’s First Data Requests contains more accurate timeframes, as the Project design and studies were further developed. An updated Acoustic Assessment report reflecting the timeframe from the first request for response is included with this response as **Attachment B**.

Response provided by: Justin Ahn

10. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 8. Provide which emergency departments will be contacted.

RESPONSE: Applicant’s representatives plan to engage with local law enforcement and fire services to provide information and to ensure they are familiar with the plan for security and emergency protocols during construction and operations. These departments include the Martin County Sheriff’s office, Inez Police Department, Martin County Emergency Management, Inez Volunteer Fire and Rescue.

Response provided by: Caleb Lemoine, Christina Martens, and Justin Ahn

11. Identify each neighborhood and each of the noise receptors that are homes and of those homes which are participating landowners. Include whether the participating homeowner is a lessor and which lease is applicable. Color code your response for each neighborhood the participating homeowners and include a legend.

RESPONSE: An updated map is included as **Attachment C** and includes participating landowner parcels color coded as blue. No residences are located in the participating landowner area within the Site.

Response provided by: Justin Ahn

12. Provide a table with the expected cumulative noise level (inclusive of ambient noise) during pile driving for each residence or business within 1,500 feet of the project boundary.

RESPONSE: A table with expected noise levels from pile driving is included as **Attachment D**.

Response provided by Justin Ahn

13. Identify the company that will employ the individuals that are or will be, responsible for ensuring compliance with the statements in the application and any conditions imposed by the Siting Board.

RESPONSE: Lynn Bark Energy Center, LLC will be responsible for ensuring compliance.

Response provided by: Caleb Lemoine and Christina Martens

14. Provide the entire corporate structure, or membership interests of Lynn Bark Energy.

RESPONSE: Lynn Bark Energy Center LLC is 100% owned by Savion LLC.

Response provided by: Caleb Lemoine and Christina Martens

15. Provide the entire corporate structure of Savion, LLC (Savion), including its parent company.

RESPONSE: Savion, LLC is 100% owned by Shell New Energies US, LLC.

Response provided by: Caleb Lemoine and Christina Martens

16. See the Application, Tab 11, Environmental Violation Record. Provide the entities with ownership interest in Lynn Bark Energy that were referenced as not having environmental violations.

RESPONSE: Lynn Bark Energy Center LLC and Savion LLC.

Response provided by: Caleb Lemoine and Christina Martens

17. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 35. Provide the year of the various project milestones for the construction timeline.

RESPONSE: The chart below has been updated to include the applicable years.

LYNN BARK CONSTRUCTION SCHEDULE				
PROJECT MILESTONE	START	FINISH	CONSTRUCTION EQUIPMENT	DURATION
NOTICE TO PROCEED	June 30, 2026	-	-	1 DAY
MOBILIZATION	June 30, 2026	-	-	1 DAY
CIVIL WORKS INCLUDING FENCING, ACCESS ROADS, AND EROSION CONTROL	June 30, 2026	March 31, 2027	EXCAVATORS, DOZERS, DUMP TRUCKS, BACKHOES	9 MONTHS
PIER INSTALLATION	August 1, 2026	January 30, 2027	PILE DRIVERS	5 MONTHS
RACKING AND MODULES	September 1, 2026	June 1, 2027	ATVS AND PICKUP TRUCKS	8 MONTHS
COMBINER TO INVERTER ELECTRICAL	September 1, 2026	May 1, 2027	BACKHOES AND SKID STEERS	7 MONTHS
SUBSTATION (ENERGIZE)	-	August 1, 2027	MOBILE CRANE	TBD (ESTIMATED 2 WEEKS)
COMMISSIONING	May 1, 2027	July 1, 2027	-	
MECHANICAL COMPLETION	-	July 1, 2027	-	
SUBSTANTIAL COMPLETION	-	August 1, 2027	-	
FINAL COMPLETION	-	September 30, 2027	-	

Response provided by: Caleb Lemoine and Christina Martens

18. Refer to Lynn Bark Energy’s responses to Staff’s First Request, Items 51-52. Confirm, if any, communication with the Big Sandy Regional Airport or the Federal Aviation

Administration (FAA) has occurred. If so, describe the form and detail the substance of the communication. If not, provide a date that is anticipated for the communication to occur.

RESPONSE: Applicant has reviewed and believes the Federal Aviation Administration’s Notice Criteria Tool requires filing. Applicant will coordinate with FAA as necessary. No further coordination has taken place to date with the FAA or the Big Sandy Regional Airport. Applicant expects such coordination to occur prior to the start of construction.

Response provided by: Caleb Lemoine and Christina Martens

19. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 56. The response states that the neighborhood located southwest of Davella Lane is 1,067 feet west of the nearest panel. Also refer to page 3 of the Acoustic Assessment Report (SAR Exhibit D) which states NSA 1 is 1,067 feet from the nearest panel.

RESPONSE: NSA 1 is identified as a trailer park neighborhood approximately 1,067 feet west, northwest of the nearest panel. The neighborhood is located southeast of Davella lane rather than southwest.

Response provided by: Justin Ahn

20. Refer to Lynn Bark Energy’s responses to Staff’s First Request, Items 9-10, and Attachment C. The table provided in Attachment C, shows that the shortest distance between a residence and the nearest solar panel is 1,578 feet. Three residences are shown as being at that distance from the nearest panel.

- a. Explain the seeming contradiction regarding these distance estimates to the nearest home(s) and neighborhood and provide updated figures and/or tables as necessary.

RESPONSE: The original table contained duplicate data. An updated table removing the duplicates is included herewith as **Attachment E**.

Response provided by: Justin Ahn

- b. Confirm if distances and modeled construction/operational sound levels provided in the Acoustic Assessment Report (SAR Exhibit D) remain accurate. If not, explain why not.

RESPONSE: The levels remain accurate, as they are representative points. An additional table depicting cumulative noise levels at each structure within 1,500 feet of the project is provided with response, as detailed in the response to DR 12.

Response provided by: Justin Ahn

21. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 9, Attachment C. Update this table to also provide distance to proposed features for any and all standalone residences that are within 2,000 feet of the project boundary but are not part of an identified neighborhood.

RESPONSE: As updated table is included with this response, as detailed in the response to DR 12.

Response provided by: Justin Ahn

22. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 60. The response was not responsive. Refer to the SAR, Exhibit D, Acoustic Assessment Report which states that pile driving is schedule “to only occur between the hours of 8 a.m. and 8 p.m. or dawn to dusk whichever is earlier.” Confirm if the clause “whichever is earlier” is intended to state that pile driving will occur during the most limited hours between 8 a.m. or dawn, and 8 p.m. or dusk. (E.g., confirm that pile driving would not occur at a 7 a.m. dawn). If not confirmed, please explain. Specifically answer the confirmation portion of this request.

RESPONSE: Confirmed. Applicant intended its response to reflect the most limited hours.

Response provided by: Caleb Lemoine and Christina Martens

23. Refer to Lynn Bark Energy’s response to Staff’s First Request, Item 68.
- a. Describe all types of project components that would be within view for NSAs 1, 9, and 10 due to tree removal.

RESPONSE: Based upon a viewshed analysis utilizing a digital elevation model, Project components would not be within view of NAS 1, 9, or 10, regardless of

vegetation. **Attachment F** hereto includes a viewshed map depicting the Project view within a two mile radius.

Response provided by: Justin Ahn

- b. Describe all communications Lynn Bark Energy has had with the owners of NSAs 1, 9, and 10 regarding possible viewshed impacts.

RESPONSE: No such communications to date regarding possible viewshed impacts.

Response provided by: Caleb Lemoine and Christina Martens

- c. Describe Lynn Bark Energy’s proposed mitigation (e.g., vegetative screening) for these residences if the viewshed is negatively impacted by tree removal.

RESPONSE: Existing vegetation will be used as screening to the extent possible. Additional vegetation will be used if necessary along the exterior of Project fence or at property lines to minimize impacts from potential glare and viewshed impacts to nearby residences if the existing grade and vegetation are not adequate. The vegetation is not accurately mapped at this time, due to the existing grade difference between a majority of the nearby residences and the proposed solar array.

Response provided by: Caleb Lemoine and Christina Martens

- 24. Refer to Lynn Bark Energy’s responses to Staff’s First Request, Item 79. Provide documentation evidencing that the proposed site has been fully reclaimed.

RESPONSE: Information is attached hereto as **Attachment G** reflecting the mine status as inactive and the bond and permit released. Applicant has requested additional mine report information, which was due to be provided in July 2024 and which has not yet received despite follow up inquiries. Additional information will be provided as a supplement when received.

Response provided by: Caleb Lemoine and Christina Martens

- 25. Describe any discussions with local residents, Martin County representatives, or any other Project stakeholders participated in regarding the proposed Project’s potential impact on local water quality.

RESPONSE: There have not been any such discussions, and Applicant does not expect any impacts on local water quality.

Response provided by: Caleb Lemoine and Christina Martens

26. Describe in what ways pile driving activity is affected when installing posts on reclaimed mine land and mine soil, including any additional construction steps required to install posts under these circumstances.

RESPONSE: Applicant anticipates pile installation may include the following steps for this Project:

- 1) pre-drilling of the holes for each pile;
- 2) pile driving with a pile driver, or setting each pile into the hole; and
- 3) backfilling with materials for each pile.

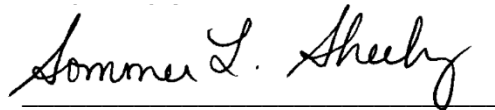
Response provided by: Caleb Lemoine and Christina Martens

27. Explain whether a complaint resolution program is going to be created from this project. If so, explain in detail the program.

RESPONSE: Yes. Applicant plans for the Project Site to be posted with contact information including phone numbers for people to call within inquiries or concerns, and Applicant's representative will address them. The Project website <https://www.lynnbarkenergycenter.com> will also be active with updated construction activities and timelines.

Response provided by: Caleb Lemoine and Christina Martens

Respectfully submitted,



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