

Case No. 2024-00050
Mantle Rock Solar, LLC
Response to Siting Board's Post-Hearing Request for Information

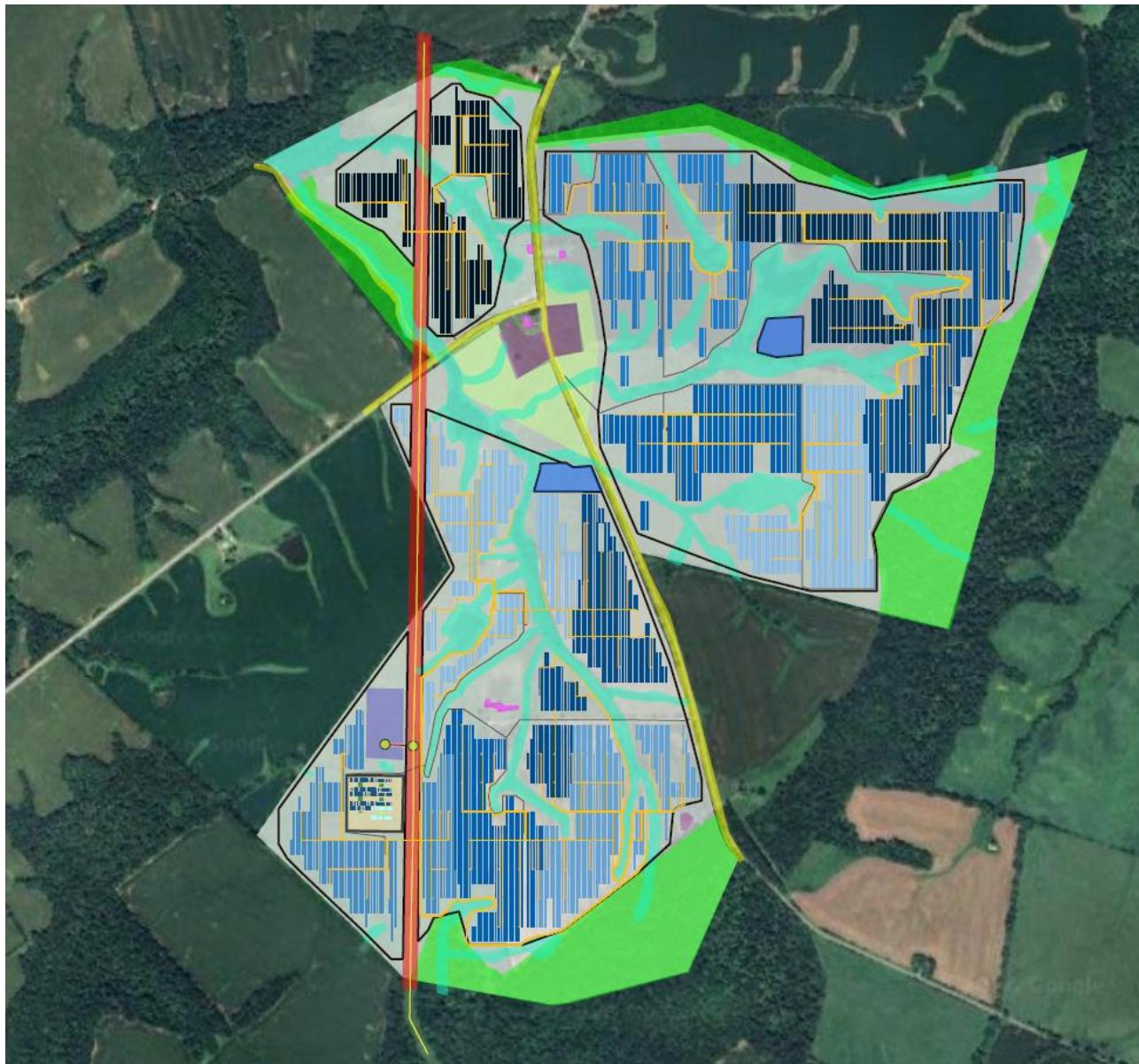
Siting Board Post-Hearing 1-1:

Provide a map that identifies which segments of the medium voltage collection system that are underground, which segments are above ground, and the location of the transmission lines, with the right-of-way distinguished.

Response: See Attachment 1-1 for preliminary design layout showing the medium voltage collection system which is below ground (shown in orange). The existing above ground 69 kV Buma Tap-Joy transmission line is shown in yellow. The point of interconnection transmission line is above ground and shown with a maroon line with yellow end points.

Witness: Jade Cessna

Mantle Rock Solar – 42 MW



Legend

Available Area
Restricted Area (Trees)
Restricted Area (Huey Cemetery)
Restricted Area (Laydown Yard)
Restricted Area (Roads)
Restricted Area (Buildings)
Restricted Area (Transmission Line)
Restricted Area (Wetlands)
Restricted Area (Cemetery)
Interconnection Facility Area
Restricted Area (OHL)
Overhead line
Overhead line tower
Power Station
Colors indicate solar field connection to each power station
Mounting structure
Roads
Medium Voltage Trenches
Low Voltage Trenches
Fences
Medium Voltage Lines
Cables from string box to inverters
String Boxes
Battery Area
Power Conversion System
Battery Container
69kV Transmission Line

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Siting Board Post-Hearing 1-2:

Provide the distance from the bottom of the solar panels to the ground.

Response: Standard ground clearance or distance from the bottom of the solar tracking panels to the ground is approximately 4 to 5 feet depending on grading and local conditions.

Witness: Marty Marchaterre

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Siting Board Post-Hearing 1-3:

Refer to the Application, page 15. Provide the entities with an ownership interest in Mantle Rock that were referenced as not having any environmental violations.

Response: Atlantica Development Company LLC owns Mantle Rock Solar LLC. Atlantica Development Company LLC does not have any environmental violations.

In the application, a reference was made to Atlantica Development Corporation LLC. This is incorrect and it should have been identified as Atlantica Development Company LLC. Atlantica Development Company LLC has no ties to Atlantica Development Corporation LLC.

Witness: Jade Cessna

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Siting Board Post-Hearing 1-4:

Explain whether Atlantica Development Corporation LLC have had any violations of federal or state environmental laws, rules, or administrative regulations resulting in criminal convictions or administrative fines exceeding \$5,000. Also provide the status of any pending action, whether judicial or administrative actions.

Response: Atlantica Development Company LLC owns Mantle Rock Solar LLC. Atlantica Development Company LLC does not have any environmental violations.

In the application, a reference was made to Atlantica Development Corporation LLC. This is incorrect and it should have been identified as Atlantica Development Company LLC. Atlantica Development Company LLC has no ties to Atlantica Development Corporation LLC.

Witness: Jade Cessna

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Siting Board Post-Hearing 1-5:

Explain in detail how local fire departments are notified if there was a fire originating at the battery energy storage system.

Response: The battery energy storage system (BESS) containers are equipped with an automatic fire alarm, combustible gas detection and alarm system, and an exhaust system. The BESS container is equipped with combustible gas detectors, smoke detectors, and temperature detectors. If any abnormality is detected, the battery management system (BMS) transmits an alarm to the energy management system (EMS) and, as necessary, activates the corresponding controls and even remote shutdown of the BESS. Each cell compartment will help keep a fire from spreading to neighboring cells or neighboring containers.

The BESS operation will be monitored remotely at the Project management center (Tempe, Arizona). If an abnormality or fire is detected, an alarm is transmitted. The remote monitoring system and/or plant operators will notify the local fire department in case of a fire event. The Applicant is evaluating whether these alarms can be sent directly to local emergency response officials. See response to RFI No. 1-88.

The Applicant has met with James Lamb, Burna Fire District Chief, to discuss the Project and plans to develop an Emergency Response Plan prior to operation and establish plans and procedures for notifications in the event of a fire. In consultation with the local fire district, first responders, and any county emergency management agency, the Applicant will develop and implement appropriate notification procedures. The Applicant will provide site-specific training for local emergency responders at their request. Access for fire and emergency units shall be set up after consultation with local authorities. See response to RFI No. 1-21.

Witness: Marty Marchaterre

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Siting Board Post-Hearing 1-6:

Explain in any communications that Mantle has had with the closest nonparticipating residence:

- a. To the fencing.
- b. To a solar panel.

Response: The Applicant has sent certified letters to the owner of the closest nonparticipating residence prior to each of the public meetings. The Applicant also sent a certified letter prior to submitting the Mantle Rock Solar project application to the Kentucky Siting Board. The landowner did not attend either public meeting or provide comments to the Kentucky Siting Board on the Project.

The Applicant has tried to contact the landowner via telephone but has not been successful. It will continue outreach efforts to this landowner.

The Applicant has contacted all of the other landowners of residences within 2,000 feet of the nearest solar panel.

Witness: Jade Cessna

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Siting Board Post-Hearing 1-7:

Explain whether these landowners were informed that their residence is within 500 feet of the solar array.

Response: The Applicant has sent certified letters to the owner of the two residences within 500 feet of a solar array prior to each of the public meetings. The Applicant also sent a certified letter prior to submitting the Mantle Rock Solar project application to the Kentucky Siting Board. The landowner did not attend either public meeting or provide comments to the Kentucky Siting Board on the Project.

The Applicant has tried to contact the landowner via telephone but has not been successful. It will continue outreach efforts to this landowner.

The Applicant has contacted all of the other landowners of residences within 2,000 feet of the nearest solar panel.

Witness: Jade Cessna

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

In the Matter of:)
)
ELECTRONIC APPLICATION OF MANTLE ROCK)
SOLAR, LLC FOR A CERTIFICATE OF) Case No. 2024-00050
CONSTRUCTION FOR AN APPROXIMATELY 42-)
MEGAWATT MERCHANT ELECTRIC SOLAR)
GENERATING FACILITY IN LIVINGSTON)
COUNTY, KENTUCKY PURSUANT TO KRS 278.700)
AND 807 KAR 5:110)

CERTIFICATION

This is to certify that I have supervised the preparation of the Mantle Rock Solar, LLC's responses to the Siting Board Staff's Post-Hearing Request for Information and the responses on which I am identified as a sponsoring witness are true and accurate to the best of my knowledge, information, and belief after reasonable inquiry.

January 20, 2026
Date



Marty Marchaterre

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

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SOLAR, LLC FOR A CERTIFICATE OF)
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January 20, 2026
Date

/s/ Jade Cessna
Jade Cessna