

**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 65-)	
MEGAWATT MERCHANT ELECTRIC SOLAR)	
GENERATING FACILITY IN LIVINGSTON)	
COUNTY, KENTUCKY PURSUANT TO KRS 278.700)	
AND 807 KAR 5:110)	

**APPLICATION TO CONSTRUCT
MERCHANT ELECTRIC GENERATING FACILITY**

Pursuant to KRS 278.700 et seq., and 807 KAR 5:110, Mantle Rock Solar LLC (“Mantle Rock”), by counsel, submits this application for a construction certificate to construct a merchant electric generating facility. In support of this application, Mantle Rock states as follows:

1. Mantle Rock is a limited liability company organized under the laws of Delaware on August 15, 2022, with a principal place of business of 117 4TH St. NE, Charlottesville, VA 22902. Mantle Rock can be reached at the phone number of (434) 394-0035. Mantle Rock is authorized to do business in Kentucky as of February 14, 2024.
2. The proposed Mantle Rock Solar Facility will be up to 42-megawatt¹ alternating current (MWac) photovoltaic electricity generation facility with a battery storage system. The proposed Mantle Rock Project will be located in the vicinity of the intersection of Maxfield and Carrsville Road. The latitude and longitude are 36°31'51.47"N, 88°23'24.85"W.
3. Pursuant to KRS 278.706, Mantle Rock Solar will hand-deliver its application fee.

¹ Initially, Mantle Rock anticipated that the project would be approximately 65 MWac. In consultation with the transmission owner, however, the project has scaled back to 42 MWac. Mantle Rock respectfully requests modification of the style of this action to reflect the correct anticipated energy production of the project.

4. Mantle Rock, through its attorneys identified below, has the ability to receive electronic transmissions in this matter at the electronic mail addresses listed below.
5. Please refer to the attached Table of Contents and related information.
6. The Project will include a transmission line connecting the Project's substation to a substation owned by Big Rivers Electric Corporation. It is anticipated that the line will be approximately a few hundred feet in length. This infrastructure is located within the parcels to be used for the Project, as identified in the Preliminary Site Layout, which is Appendix B to the Site Assessment Report. In prior cases, the Siting Board has confirmed that similar transmission lines do not require separate approval from the Siting Board under KRS 278.700, et seq. *See, e.g., Pine Grove Solar, LLC*, Case No. 2022-00262 (K.S.B. May 26, 2023).

WHEREFORE, Mantle Rock respectfully requests that the Siting Board (a) accept for filling this Application in accordance with 807 KAR 5:100, Section 3(3), (b) approve a construction certificate for Mantle Rock to construct its Project, and (c) confirm that no separate approval for a transmission line is necessary or, in the alternative, approve a construction certificate for a transmission line between the project switchyard and utility substation.

Respectfully submitted,



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ATTORNEYS FOR MANTLE ROCK SOLAR LLC

CERTIFICATE OF SERVICE

I certify that a true and correct copy of this Application has been served via e-mail on August 25, 2025, upon the following:

Livingston County Judge/Executive Michael Williams
livcojudge@livingstonco.ky.gov

A handwritten signature in black ink, appearing to read "M. John O'Brien", with a stylized, looped ending.

Counsel for the Mantle Rock Solar LLC