

Lynn Bark Energy Center, LLC

Transmission Line Application

Lynn Bark Energy Center, LLC
422 Admiral Boulevard
Kansas City, Missouri 64106

June 2026

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LIST OF EXHIBITS

- **Exhibit A:** Copy of Issued Construction Certificate for Lynn Bark Energy Center Merchant Solar Facility (Case 2024-00104; dated November 27, 2024) (35 pages)
- **Exhibit B:** Proposed Transmission Line Site Map (2 pages, including cover sheet)
- **Exhibit C:** Points of Interest Maps (12 pages, including cover sheet)
- **Exhibit D:** Interconnection Study Reports (29 pages)
- **Exhibit E:** Proof of Publication (2 pages)
- **Exhibit F:** Proof of Service on Public Officials (2 pages)

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

In the Matter of:

ELECTRONIC APPLICATION OF
LYNN BARK ENERGY CENTER, LLC
FOR A CERTIFICATE OF
CONSTRUCTION FOR AN UP TO 6.3
MILE NONREGULATED ELECTRIC
TRANSMISSION LINE IN MARTIN
COUNTY, KENTUCKY

Case No. 2026-00096

APPLICATION FOR A CERTIFICATE OF CONSTRUCTION

Lynn Bark Energy Center, LLC (“Applicant” or “Lynn Bark”), respectfully files this application seeking a construction certificate from the Kentucky State Board on Electric Generation and Transmission Siting (“Siting Board”) for a 138kV nonregulated electric transmission line (the “Project”) pursuant to KRS 278.714. The proposed Project is to service the Lynn Bark Energy Center’s merchant solar electric generation facility (see Siting Board Case No. 2024-00104)(“Facility”) and will be entirely located within unincorporated Martin County, Kentucky.

In support of this Application, following is a Table of Contents, list of exhibits, and table of statutory requirements pursuant to KRS 278.714 and 807 KAR 5:110 §3(2)(b) along with corresponding sections of this Application.

I. Applicant Information

1. Pursuant to KRS 278.714(2)(a), Applicant’s name and address are Lynn Bark Energy Center, LLC, 422 Admiral Boulevard, Kansas City, Missouri 64106. Applicant’s telephone number is (816) 491-7321, and its email address is lynnbarkenergycenter.com.

2. Applicant previously applied for and received a certificate of construction for an up to 200 megawatt (“MW”) solar photovoltaic electric generating facility, issued by the Siting Board on November 27, 2024. The Siting Board’s Final Order conditionally granting the Applicant’s construction certificate for the Facility is included as **Exhibit A**.

II. Full Description of Proposed Transmission Line Route

3. Pursuant to KRS 278.714(2)(b), the proposed Project will be approximately 6.27 miles in length, from the Facility’s onsite substation to the existing Inez Substation, which is owned by East Kentucky Power (“Kentucky Power”)/American Electric Power, Inc. (“AEP”). A map depicting the location of the proposed line, its route, and all proposed supporting structures, along with an alternative line, route, and supporting structures, is included as **Exhibit B**.

4. Pursuant to KRS 278.714(2)(b)(1), the proposed line will be located in unincorporated Martin County, Kentucky, approximately 14 miles northeast of the town of Prestonsburg. The latitude and longitude coordinates of the Facility are 37.791377°, - 82.548047°.

5. Pursuant to KRS 278.714(2)(b)(2), the proposed line will be maintained within a proposed 150-foot right-of-way.

6. Pursuant to KRS 278.714(2)(b)(3), the proposed line will begin at the Facility’s onsite substation on a portion of the Facility’s leased property owned by Pocahontas Surface Interests LLC, which is Parcel ID No. 030-00-00-052.00. The proposed line will cross the following properties, as depicted in the map included as **Exhibit B and detailed in Table 1 below**:

Table 1. Owner and Parcel Number of all Properties Crossed by the Transmission Line Route

EXHIBIT B MAP LABEL	OWNER	PARCEL APN
01	LEXINGTON COAL COMPANY LLC	030-00-00-047.00
02	LEXINGTON COAL COMPANY LLC	030-00-00-046.00
03	LEXINGTON COAL COMPANY LLC	030-00-00-055.00
04	BELLAIRE INVESTMENT	030-00-00-054.00
05	POCAHONTAS SURFACE	030-00-00-052.00
06	POCAHONTAS SURFACE	031-00-00-001.00
07	POCAHONTAS SURFACE	040-00-00-011.00
08	MOORE SAM & ELZAVA C/O DIANA	040-00-00-035.00
09	POCAHONTAS SURFACE	040-00-00-020.00
10	POCAHONTAS SURFACE	040-00-00-020.00
11	POCAHONTAS SURFACE	048-00-00-006.00
12	TRIPLE H REAL ESTATE, LLC (Alternative route only)	048-00-00-006.00
13	THREEFORKS LAND HOLDINGS (Primary route only)	048-00-00-006.00

7. The proposed 6.27-mile transmission line would connect the proposed Lynn Bark Energy Centers substation to the existing Inez substation. This transmission line route generally trends east to southeast, traversing through the steep terrain and crossing Walnut Fork, ending near the communities of Laurel Fork and Threeforks.

8. Pursuant to KRS 278.714(2)(b)(4)(a), there are ten residential neighborhoods within one mile of the proposed facilities, no schools, no public parks, no private parks, one cemetery, and three places of worship identified within one mile of the proposed facilities. See

Exhibit C for a map showing the Points of Interest (POI) properties identified within a one-mile buffer of the Project and display of each residential neighborhood boundary. The POIs are measured from the closest point on the neighborhood boundary (parcel outlines) to the actual centerline of the transmission line. Distances between the proposed transmission line and points of interest (each neighborhood, cemetery, or place of worship) are provided in Table 2 below.

Table 2. POI Properties within 1 mile of Preferred Transmission Line Route and Alternate Route and Approximate Distance in Feet from Centerline

POI Number	POI Description	Alternate Route as of 06.05.2026 (north/west of substation)	Preferred Route as of 06.05.2026 (east/south of substation)
		Approximate Distance to Transmission Line from Centerline (feet)	Approximate Distance to Transmission Line from Centerline (feet)
1	Residential Neighborhood #1 (5 residences)	3357.39	3357.39
2	Residential Neighborhood #2 (11 residences)	1585.84	2417.02
3	Residential Neighborhood #3 (6 residences)	1106.46	1297.32
4	Residential Neighborhood #4 (5 residences)	1422.07	1422.07
5	Residential Neighborhood #5 (5 residences)	4589.77	4589.77
6	Residential Neighborhood #6 (6 residences)	214.11	214.11
7	Residential Neighborhood #7 (23 residences)	2257.08	2257.08
8	Residential Neighborhood #8 (15 residences)	713.86	713.86
9	Residential Neighborhood #9 (9 residences)	1295.83	1295.83
10	Residential Neighborhood #10 (6 residences)	628.92	628.92
11	Perry Cemetery	1251.81	1251.81
12	Buck Branch United Baptist Church	960.65	960.65

13	Mary Elizabeth Baptist Church	1269.47	1269.47
14	Church #3	1155.36	1155.36

III. Full Description of Proposed Line and Appurtenances

9. Pursuant to KRS 278.714(2)(c), the Applicant proposes to construct a 138kV nonregulated electric transmission line. Applicant submitted the Generation Interconnection Feasibility Study Report and Generation Interconnection System Impact Study Report for queue position AF2-018 as part of its Application for the Facility (Application, Tab 9, Attachment F), detailing the 200 MW position. The Interconnection Study Reports are also included within this Application as **Exhibit D**.

10. The nonregulated electric transmission line will be approximately 6.27 miles in total length and will run between the facility's onsite substation and existing Inez Substation. The easement will be 150ft wide. The transmission line will begin at the project substation (37.791008°, -82.549043°) east of State Route 3 and travel east to the Inez Substation (37.766080°, -82.473058°). The Preferred Route will come into the existing Inez Substation from the east by traversing south of the substation, whereas the Alternate Route would enter the same spot, but travers across the north side of the substation. Lynn Bark will build and own the entirety of the transmission line. The ownership will transfer to the utility (Kentucky Power/ AEP) at a pole outside of the Inez substation. The voltage capacity of the proposed line is 138 kilovolts (kV).

IV. Statement of Compliance with National Electric Safety Code

11. Pursuant to KRS 278.714(2)(d), Applicant has designed the proposed electric transmission line and appurtenances to be consistent with legal requirements applicable to nonregulated electric transmission lines. Applicant hereby certifies that the proposed

nonregulated electric transmission line will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.

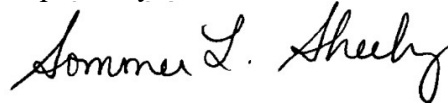
V. Evidence of Public Notice

12. Pursuant to KRS 278.714(2)(e), Lynn Bark’s public notice of this Application was submitted on June 16, 2026 for publication on June 24, 2026 in the *Martin County-Tug Valley Mountain Citizen*, a newspaper of general circulation in Martin County. Applicant’s notice is included as **Exhibit E**, and proof of publication is forthcoming and will promptly be filed to the docket when received from the newspaper.

13. Pursuant to KRS 278.714(2)(f), a copy of the Application is being sent to the only applicable individual, Martin County, Kentucky Judge-Executive Kelly Callahan, on June 17, 2026. A courtesy copy is also being sent to City of Inez, Kentucky, Mayor Edward Daniels, on June 17, 2026. Applicant’s services letters to these individuals are included as **Exhibit F**.

Dated this 16th day of June, 2026

Respectfully submitted,

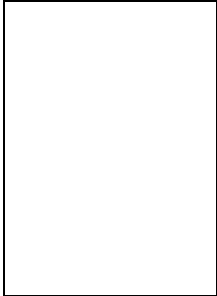


Sommer L. Sheely
Dylan F. Borchers
Kara H. Herrnstein
BRICKER GRAYDON WYATT LLP
100 South Third Street
Columbus, OH 43215-4291
Telephone: (614) 227-2300
Facsimile: (614) 227-2390
E-mail: ssheely@bricker.com
dborchers@bricker.com
khernstein@bricker.com

Counsel for Lynn Bark Energy Center, LLC

**Statutory Requirements and Corresponding Application Compliance
Non-regulated Electric Transmission Line**

KRS 278.714	Description	Filing
2(a)	The name, address, and telephone number of the person proposing construction of the nonregulated electric transmission line or the carbon dioxide transmission pipeline.	Application ¶1, Exhibit A
2(b)	<p>A full description of the proposed route of the electric transmission line or the carbon dioxide transmission pipeline and its appurtenances. The description shall include a map or maps showing:</p> <ol style="list-style-type: none"> 1. The location of the proposed line or pipeline and all proposed structures that will support it; 2. The proposed right-of-way limits; 3. Existing property lines and the names of persons who own the property over which the line or pipeline will cross; and 4. The distance of the proposed electric transmission line from residential neighborhoods, schools, and public and private parks within one (1) mile of the proposed facilities. 	Application ¶¶3-7, Exhibits B-C
2(c)	<p>With respect to electric transmission lines, a full description of the proposed line and appurtenances, including the following:</p> <ol style="list-style-type: none"> 1. Initial and design voltages and capacities; 2. Length of line; 3. Terminal points; and 4. Substation connections. 	Application ¶¶8-9, Exhibit D
2(d)	A statement that the proposed electric transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electric Safety Code.	Application ¶ 10
2(e)	Evidence that public notice has been given by publication in a newspaper of general circulation in the general area concerned. Public notice shall include the location of the proposed electric transmission line or carbon dioxide pipeline, shall state that the proposed line or pipeline is subject to approval by the board, and shall provide the telephone number and address of the Public Service Commission.	Application ¶ 11, Exhibit E
2(f)		



Proof of service of a copy of the application upon the chief executive officer of each county and municipal corporation in which the proposed electric transmission line or carbon dioxide transmission pipeline is to be located, and upon the chief officer of each public agency charged with the duty of planning land use in the general area in which the line or pipeline is proposed to be located.

Application ¶
12, Exhibit G