

**PINE GROVE SOLAR:
TRANSMISSION LINE
APPLICATION**

AES Clean Energy

4200 Innslake Dr. Suite 302
Glen Allen, VA 23060

December 2022

Table of Contents

- 1. Applicant Information 3
- 2. Route Description 4
- 3. Description of the Proposed Line 5
- 4. Compliance with National Electric Safety Code 6
- 5. Public Notice Evidence 7
- 6. Proof of Service on Public Officials 8

Attachments

- A. Pine Grove Solar, LLC Application to Construct a Merchant Generating Facility
- B. Preliminary Plan for Transmission Line
- C. Impact Studies
- D. Proof of Payment of Application to Construct a Merchant Generating Facility Filing Fee
- E. Context Map
- F. Proof of Publication of Notice of Transmission Line

1. APPLICANT INFORMATION

REQUIREMENT: per KRS 278.714(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.*

COMPLIANCE: Please see below for the requested information.

- Name: Pine Grove Solar, LLC
Attn: Madeleine Ray, Permitting Manager
- Address: 4200 Innslake Dr. Suite 302
Glen Allen, VA 23060
- Phone: (440) 318-4871

2. ROUTE DESCRIPTION

REQUIREMENT: per KRS 278.714(2)(b): *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:*

- 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. a. 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; or*
b. The distance of the proposed carbon dioxide transmission pipeline from residential neighborhoods, schools, and parks, either private or public, within one thousand (1,000) feet of the proposed facilities.

COMPLIANCE:

The location of the proposed transmission line can be viewed in Attachment B. The proposed right-of-way limits will be 50 feet on either side of the centerline, for a total width of 100 feet.

The entire transmission line is located on one parcel, which is under option to purchase and will be owned by Pine Grove Solar, LLC.

There are no residential neighborhoods, schools, or public or private parks within one (1) mile of the proposed facilities. Attachment E shows the location of residences, schools, and public or private parks outside of the one-mile radius.

3. DESCRIPTION OF THE PROPOSED LINE

REQUIREMENT: per KRS 278.714(2)(c): *With respect to electric transmission lines, a full description of the proposed line and appurtenances, including the following:*

- 1. Initial and design voltages and capacities;*
- 2. Length of line;*
- 3. Terminal points; and*
- 4. Substation connections.*

COMPLIANCE:

The voltage capacity of the proposed line will be 161 kilovolts (kV). The line will be a maximum of 0.1 miles to the point of interconnection. The switchyard has not yet been constructed, but the line will connect at the switchyard for LG&E/KU's Lake Reba Tap to West Irvine/Delvinta 161kV Line terminal.

4. COMPLIANCE WITH NATIONAL ELECTRIC SAFETY CODE

REQUIREMENT: per KRS 278.714(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.*

COMPLIANCE: The proposed electric transmission line and appurtenances will be constructed and maintained in accordance with accepted engineering practices and the National Electrical Safety Code.

5. PUBLIC NOTICE EVIDENCE

REQUIREMENT: per KRS 278.714(2)(e): *With respect to both electric transmission lines and carbon dioxide transmission pipelines, 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.*

COMPLIANCE:

Attachment F shows the notice that was published in the Richmond Register and includes the affidavit of the publication.

6. PROOF OF SERVICE ON PUBLIC OFFICIALS

REQUIREMENT: per KRS 278.714(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.*

COMPLIANCE: A copy of this application will be electronically provided to the Madison County Judge Executive and the Joint Planning Commission Chairman, on the date of electronic filing of this application.