

**PENNSYLVANIA  
PUBLIC UTILITY COMMISSION  
Harrisburg, PA 17120**

Public Meeting held December 18, 2025

Commissioners Present:

Stephen M. DeFrank, Chairman  
Kimberly Barrow, Vice Chair  
Kathryn L. Zerfuss  
John F. Coleman, Jr.  
Ralph V. Yanora

Letter of Notification of PECO Energy Company  
for Approval to Construct the 5034 500 kV  
Transmission Line Project located in Peach  
Bottom Township, York County, Pennsylvania

Docket Number:  
A-2025-3056499

**ORDER**

**BY THE COMMISSION:**

On July 25, 2025, PECO Energy Company (PECO), Utility Code 110550, filed a Letter of Notification pursuant to 52 Pa. Code § 57.72(d)(1)(vi) of the Pennsylvania Public Utility Commission's (Commission) transmission line siting regulation. For the reasons expressed in this Order, the Letter of Notification is approved.

Copies of the Letter of Notification were served in accordance with Section 57.72(d)(3) and 57.74(b) & (c), 52 Pa. Code §§ 57.72(d)(3), 57.74(b) & (c). No protests were filed. No hearings were held.

PECO requests approval to construct the 5034 500 kV Transmission Line Project located in Peach Bottom Township, York County, Pennsylvania. PECO states that the existing 5034 500 kV Transmission Line will be split into two segments and that upon completion of the subject project, each segment will extend to the proposed Bramah Substation owned by Transource Pennsylvania, LLC (Transource PA), Utility Code 1119559. PECO also states that the first segment will extend from the York Substation to the Bramah Substation and that this section of the line will retain the 5034 500 kV Transmission Line designation. Additionally, PECO states that the second segment of the 5034 Line will extend from the Peach Bottom South Substation to the Bramah Substation. PECO further states that the second segment will be temporarily renamed the 5074 500 kV Transmission Line, which will ultimately be connected to the 5014 500 kV Transmission Line under a separate project and renamed the 5014 500 kV Transmission Line. Finally, PECO states that the total length of the new transmission line to be installed is approximately 0.87 miles. Application ¶12.

PECO submits that construction of the subject project is necessary to facilitate PECO's Brandon Shores Retirement Mitigation Project and PJM 2022 Reliability Window #3 Project which were previously approved by the Commission at Docket No. A-2024-3051467 and Docket No. A-2024-3051463, respectively. PECO also submits that those projects are necessary to mitigate significant and widespread reliability issues in the Mid-Atlantic region and to foster needed generation additions and retirements as well as load growth on the PJM Interconnection, LLC system. PECO further submits that as part of the Brandon Shores and PJM Window #3 projects, PECO proposes to construct new 230 kV and 500 kV transmission lines that will tie-in to the new Bramah Substation.

Finally, PECO submits that without the subject project, these new lines would have to cross the existing 5034 Line. Application ¶¶9-10.

PECO states that to address this issue it will split the existing 5034 Line and reroute the two resulting segments of the transmission line. PECO also states that as part of the project, a short segment of the existing 5034 Line will be moved south out of the intended pathway of the new lines constructed as part of the Brandon Shores project and Window #3 project. Additionally, PECO states that the subject project will allow for the new 220-93 230 kV Transmission Line, 5012 500 kV Transmission Line, 5041 500 kV Transmission Line, 5042 500 kV Transmission Line, and 5047 500 kV Transmission Line to tie-in to the new Bramah Substation without crossing the existing 5034 Line. Lastly, PECO states that the subject project need and solution were presented at the May 2025 Transmission Expansion Advisory Committee meeting and subsequently assigned baseline project number b3737.5. Application ¶10 and Attachment 3, Item 8.

PECO submits that the subject project will include removing five existing transmission structures and installing seven new steel pole structures to support the two separate line segments. PECO also submits that the new structures will range from approximately 110 feet in height to approximately 195 feet in height and that the existing structures to be removed range from approximately 131 feet in height to approximately 161 feet in height. PECO further submits that the new lines will consist of double bundled 1590 kcmil 54/19 “Falcon” aluminum conductor steel reinforced (ACSR) conductors and that for both segments the point of interconnection with Transource PA is the first structure outside of the Bramah Substation. Lastly, PECO submits that the new segments of the 5034 and 5074 transmission lines will be located within new right-of-way and that the right-of-way varies from approximately 140 feet in width to approximately 180 feet in width. The acquisition of the new right-of-way is the subject of PECO’s Application at Docket No. A-2025-3055493. Application ¶¶11 & 13-15 and Attachment 3, Item 6.

PECO asserts that the subject project will be designed, constructed, operated, and maintained in a manner that meets or surpasses all applicable National Electrical Safety Code minimum standards and all applicable legal requirements. Application ¶¶17.

PECO states that the total estimated cost for the subject project is approximately \$14 million and that PECO will own, finance, and build the project. Finally, PECO states that construction of the subject project is anticipated to commence in April 2026 with a proposed in-service date of December 2027. Application ¶¶5-6.

Section 57.72 authorizes the abbreviated Letter of Notification siting application process in lieu of an application for the following:

- (i) An HV line which is proposed to be located entirely on an existing transmission line right-of-way, so long as the size, character, design, or configuration of the proposed HV line does not substantially alter the right-of-way.
- (ii) An HV line which is proposed to be located entirely within a public road.
- (iii) An HV line which is proposed to be located entirely within applicant's existing transmission line right-of-way and the property of the sole customer to be served by the line, so long as the size, character, design, or configuration of the proposed HV line does not substantially alter the right-of-way.
- (iv) A line for which the voltage is proposed to be increased above its present levels so long as the size, character, design, or configuration of the proposed HV line does not substantially alter the right-of-way.

- (v) An HV line which is to be reconducted or reconstructed so long as the size, character, design or configuration of the proposed HV line does not substantially alter the right-of-way.
- (vi) An HV line having a proposed route of 2 miles or less.

52 Pa. Code § 57.72(d).

We agree with PECO that the formal PECO Letter of Notification and manner in which it was filed conforms to the requirements of 52 Pa. Code § 57.72(d)(1)(vi) because the 5034 500 kV Transmission Line Project constructs new transmission lines which are less than two miles in length. Moreover, the Commission has reviewed the filing and does not find it to be inconsistent with the applicable law or Commission policy regarding transmission line siting and, therefore, to be in the public interest.

We also note that our approval of the Letter of Notification does not address the issues of accounting treatment, and cost recovery; **THEREFORE,**

**IT IS ORDERED:**

1. That the Letter of Notification of PECO Energy Company for approval to construct the 5034 500 kV Transmission Line Project, located in Peach Bottom Township, York County, Pennsylvania, is hereby approved.
2. That upon completion of the subject project, PECO Energy Company shall file the final project cost with the Commission.

3. That upon completion of Ordering Paragraph 2, this proceeding at Docket No. A-2025-3056499 be closed.

**BY THE COMMISSION,**

A handwritten signature in black ink, reading "Matthew L. Homsher". The signature is written in a cursive style with a large initial "M".

Matthew L. Homsher  
Secretary

ORDER ADOPTED: December 18, 2025

ORDER ENTERED: December 18, 2025