

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

Public Meeting held June 18, 2026

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 additional structures on the 220-84 230 kV Transmission Line, 220-85 230 kV Transmission Line, and 220-97 230 kV Transmission Line located in Marcus Hook Borough and Lower Chichester Township, Delaware County, Pennsylvania

Docket Numbers:
A-2026-3060477

ORDER

BY THE COMMISSION:

On February 12, 2026, PECO Energy Company (PECO), Utility Code 110550, filed a Letter of Notification pursuant to 52 Pa. Code § 57.72(d)(1)(i), (v) and (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 or petitions to intervene were filed.

PECO requests approval to construct additional structures on the 220-84 230 kV Transmission Line, 220-85 230 kV Transmission Line, and 220-97 230 kV Transmission Line located in Marcus Hook Borough and Lower Chichester Township, Delaware County, Pennsylvania. PECO states that it will install one new structure on the 220-84 and 220-85 lines between existing transmission structures STR #200 and STR #201 and one new structure on the 220-97 line between existing transmission structures STR #100 and STR #101. PECO also states that the subject project will occur within an area approximately 0.04 miles in length. The installation of one additional new transmission structure on the 220-97 Line between existing structures STR 0-1E and STR 0-2E is the subject of PECO's Letter of Notification at Docket No. A-2026-3059976. Application ¶32 and Dwg. No. L-T-11.

PECO submits that construction of the subject project is necessary to increase reliability on the 220-84, 220-85, and 220-97 transmission lines and to allow PECO to perform maintenance and emergent work on either line without affecting the other lines. PECO also submits that the 220-84 Line and 220-85 Line are currently electrically separated from the 220-97 Line using six in-line insulators. Additionally, PECO submits that equipment failure of any one of the six in-line insulators, insulator assemblies, or conductors between existing transmission structures W-293 and W-294 may cause a triple circuit outage impacting reliability at the Linwood Substation. PECO further submits that currently, any capital or non-emergent maintenance work required for the in-line insulators on the 220-84 Line, 220-85 Line, or 220-97 Line or the adjacent existing transmission structures W-293 and W-294 require an outage on the 220-84 Line, 220-85 Line, and 220-97 Line. Finally, PECO submits that for emergent maintenance work for the in-line

insulators on the 220-84 Line and 220-85 Line from the 220-97 Line or the adjacent existing transmission structures W-293 and W-294, an outage of both lines would most likely be the only available option. Application, Attachment 2, Items 3, 4 & 25.

PECO states that to address this issue it will replace the in-line insulators with two new dead-end structures creating physical space between the transmission lines. PECO also states that the subject project will increase reliability by eliminating the dual outage risk and allowing PECO to perform maintenance and emergent work on the 220-84 Line, 220-85 Line, or 220-97 Line without affecting the other two transmission lines. PECO further states that the new dead-end transmission structures will also increase the reliability of the 230 kV Linwood Substation, which is currently powered from four bidirectional 230 kV lines and two generator lead lines. Finally, PECO states that if all three lines are taken out of service, the Linwood Substation would have only a single export path (the 220-43 Line) for the power from the Phillips Island generation facility, limiting overall available capacity and operational flexibility. Application ¶¶14-15 and Dwg. L-T-11.

PECO submits that in addition to constructing the subject project it considered two alternative solutions. PECO also submits that the first alternative was the use of mobile generation to supply customers normally powered by the Linwood Substation in the event the substation lost power. Additionally, PECO submits that the load is significantly greater than the output of a mobile generator and would require a prohibitive number of mobile generation units making the first alternative impracticable. PECO further submits that the second alternative was to tap into the next closest transmission lines to provide an additional feed to the Linwood Substation, but this option would be much more technically complex and estimates the cost to be approximately \$36 million. Application, Attachment 2, Item 23 and PECO Data Request Response No. 6.

PECO states that construction of the subject project includes the installation of two

new dead-end H-frame transmission structures. PECO also states that the new structures will be approximately 73 feet in height and lower than existing nearby transmission structures. PECO further states that the jumpers will match the existing 2x1590 kcmil 54/19 aluminum conductor steel reinforced (ACSR) conductors. Lastly, PECO states that project will be constructed entirely within existing right-of-way and that the right-of-way is approximately 150 feet in width. Application, Attachment 2, Items 3 & 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 ¶¶21.

PECO submits that the total estimated cost for the subject project is approximately \$2.0 million and that PECO will own, finance, and build the project. Finally, PECO submits that construction of the project is anticipated to commence in February 2027 with a proposed in-service date of April 2027. Application ¶¶6 & 8.

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 reconductored 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 Letter of Notification and manner in which it was filed conforms to the requirements of 52 Pa. Code § 57.72(d)(1)(i), (v), and (vi) because the subject project will be constructed in such a manner so as to not substantially alter the existing right-of-way and because the project area is 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 additional structures on the 220-84 230 kV Transmission Line, 220-85 230 kV Transmission Line, and 220-97 230 kV Transmission Line located in Marcus Hook Borough and Lower Chichester Township, Delaware 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-2026-3060477 be closed.

BY THE COMMISSION,



Matthew L. Homsher
Secretary

ORDER ADOPTED: June 18, 2026

ORDER ENTERED: June 18, 2026