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File #: 211975

May 29, 2025

VIA ELECTRONIC FILING

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: Letter of Notification Of PPL Electric Utilities Corporation, Filed Pursuant To 52 Pa. Code Chapter 57 Subchapter G, For Approval To Rebuild The Existing Double-Circuit Montour-Saegers Transmission Lines Connecting The Montour 230-69 kV Substation Located In Montour County, And The Saegers 230-69 kV Substation Located In Lycoming County, Pennsylvania
Docket No. A-2025-3055194**

Dear Secretary Homsher:

Attached, on behalf of PPL Electric Utilities Corporation (“PPL Electric”), is information being supplied to the Pennsylvania Public Utility Commission’s (“Commission”) Bureau of Technical Utility Services (“TUS”) in response to TUS Set I Data Requests regarding the above-captioned proceeding.

PPL Electric’s responses to these data requests include the following **CONFIDENTIAL** and **PROPRIETARY** attachments.

CONFIDENTIAL Attachment TUS-I-2 RTR Inspection Report

CONFIDENTIAL Attachment TUS-I-5 AMPJack Inspection Summary

Each of these attachments contain **CONFIDENTIAL** and **PROPRIETARY** information, and are being filed separately with the Commission via ShareFile.

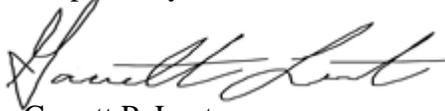
**REQUEST FOR CONFIDENTIAL TREATMENT
OF PROPRIETY INFORMATION**

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Each of the enclosures are marked “**CONFIDENTIAL AND PROPRIETARY**” because they contain commercially sensitive information, including, but not limited to, details about the condition of existing PPL Electric transmission structures and analysis of the same. PPL Electric requests that the copies of the materials that have been labeled “**CONFIDENTIAL AND PROPRIETARY**” be given confidential treatment by the Commission, including its various offices and bureaus. That is, PPL Electric requests that the confidential materials be excluded from the Commission’s public document folder and that the confidential copies not be disclosed to the public.

If there are any questions concerning this matter, please contact me at the addresses or telephone numbers provided above.

Respectfully submitted,



Garrett P. Lent

GPL/dmc
Attachment

cc: Jordan Van Order (*via email; w/attachment*)

**PPL Electric Utilities Corporation
Response to the Data Request of the
Bureau of Technical Utility Services
Dated May 19, 2025
Docket No. A-2025-3055194**

A-1 Reference the Letter of Notification, Paragraph 10. Please provide information regarding any unplanned outages on the subject transmission facilities over the previous 5 years, including duration, cause, and whether service to customers was interrupted by the outages. Additionally, explain whether the subject project would mitigate the effects of these outages.

PPL
Response No operations (unplanned outages) have occurred on the subject transmission facilities in the last 5 years. The transmission lines historically have had 2 operations: the first was in 2018 and the second in 2019. The 2018 operation was caused during fiber construction. No customers were affected and the outage lasted for approximately 4 hours and 30 minutes. The 2019 outage was caused by a vegetation strike, and it lasted for 12 seconds. No customers were affected due to the outage. The subject project will improve lightning protection, which will help mitigate future operations.

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A-2 Reference the Letter of Notification, Paragraph 23. Please provide a copy of the inspection report for the inspection performed by RTR Energy Solutions, Inc. on the Montour – Saegers 230 kV Transmission Line.

PPL
Response Please see the attached **CONFIDENTIAL** RTR Energy Solutions, Inc. Corten Inspection Report for the Montour-Saegers 230 kV Transmission Line.

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Reference the Letter of Notification, Paragraph 40. The structure heights provided are not consistent with Attachment 2, Table 2. Please reconcile.

PPL
Response

The structure heights specified in Attachment 2 are correct (as specified in the table and the paragraph that precedes it). The following sentence should be added to the Letter of Notification, Paragraph 40: "The existing double circuit steel monopoles range from 100 to 175 feet with an average structure height of approximately 122 feet"; which is contained within Attachment 2, paragraph above Table 2-1.

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Reference the Letter of Notification, Paragraph 42. Please state if any properties or easements that did not previously have a transmission structure will now have a structure.

PPL
Response

No, the Project will not add any structures to properties or easements that did not previously have a transmission structure.

**PPL Electric Utilities Corporation
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Dated May 19, 2025
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- A-5 Reference the Letter of Notification, Attachment 1, page 11.
Please provide a copy of the inspection report for the inspection
performed by Amp Jack on the Montour – Saegers 230 kV
Transmission Line.
- PPL
Response Please see the attached **CONFIDENTIAL** AmpJack Inspection
Report (abbreviated) for the Montour-Saegers 230 kV
Transmission Line.

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A-6 Reference the Letter of Notification, Attachment 4, Section 2.0. Please provide a five-year history of maintenance expenses for transmission facilities to be replaced as part of the subject project.

PPL
Response

Please see the attached maintenance history for the Montour-Saegers 230 kV Transmission Line, from 2012 through present day. A longer history of maintenance expenses is being provided to demonstrate a more holistic view of the costs incurred.

PPL Electric conducts routine helicopter inspections of each transmission line on time-based cycles aligned with the overall risk of the specific line. Any deficiencies identified during inspection are addressed according to their priority. Factors such as severity and type of defect influence the priority of a maintenance item. High priority items may be addressed immediately or within the same calendar year whereas lesser priority items may be completed at a future date. These factors lead to the infrequency of maintenance performed on the Montour-Saegers 230 kV Transmission Lines.

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A-7 Reference the Letter of Notification, Attachment 1, Section 5.0. Please state the approximate cost of constructing the subject project using composite core conductors.

PPL
Response

For the following reasons, composite core conductors were not evaluated for the subject project and therefore, an estimate for using composite core conductor was not prepared.

PPL Electric has conducted an evaluation of composite core conductors and determined they are typically more expensive than similar steel core alternatives. In most cases, the most efficient and cost-effective conductors are ACSR¹, ACSS², or high strength ACSS; depending on project-specific requirements. Steel core conductors are also easier to install and are compatible with existing hardware and installation/handling procedures.

¹ ACSR stands for aluminum conductor steel reinforced.

² ACSS stands for aluminum conductor steel supported.

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A-8 Reference the Letter of Notification, Attachment 1, Section 5.0. Please explain whether PPL Electric considered incorporating dynamic line rating into the design. If not, please provide a detailed explanation as to why.

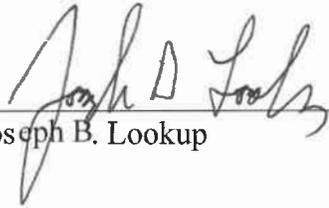
PPL
Response

PPL Electric has incorporated the capability to operate the Montour-Saegers 230kV transmission lines with Dynamic Line Rating (DLR) by designing the lines to accommodate higher maximum operating temperature. This will enable the installation of DLR sensors on this transmission line in the future, if needed. There is no history of congestion on these lines nor were they identified as economically constrained during the latest PJM Markert Efficiency analysis. As such, installation of DLR equipment was not considered cost-effective at this time. PPL Electric will monitor these lines and reassess the need for DLR as part of our planning process.

VERIFICATION

I, JOSEPH B. LOOKUP, being the Vice President – Transmission & Distribution Planning and Asset Management at PPL Services Corporation, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect PPL Electric Utilities Corporation to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.

Date: May 29, 2025



Joseph B. Lookup