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June 1, 2023

VIA ELECTRONIC FILING

Rosemary Chiavetta, 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 Approximately 0.9 Mile of The Existing Siegfried-Frackville 230 kV, Eldred-Frackville 230 kV, and Columbia-Frackville 230 kV Transmission Lines in Butler Township, Schuylkill County, Pennsylvania
Docket No. A-2023-3040694**

Dear Secretary Chiavetta:

Enclosed, 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.

Respectfully submitted,



Megan E. Rulli

MER/dmc
Enclosures

cc: Jordan Van Order

**PPL Electric Utilities Corporation
Response to the Data Requests of
The Bureau of Technical Utility Services
Dated May 22, 2023
Docket No. A-2023-3040694**

A-1 Reference the Letter of Notification, Paragraph 10. Please state the PJM project ID No. for the proposed project. Additionally, please explain whether the proposed project was presented at the PJM TEAC and if so, when.

PPL The PJM project number is S2753. The project was presented to PJM
Response on May 10, 2022.

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A-2 Reference the Letter of Notification, Paragraph 11. Please explain whether the described N-1-1 scenario is a NERC violation and whether the NERC violation is driving the need for the proposed project.

PPL
Response The N-1-1 scenario referenced in Paragraph 11 of the LON is a bus outage and then a line outage. This scenario does not fall under TPL-001 (NERC standard). This project is not driven by a NERC violation, but rather an asset health need.

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A-3 Reference the Letter of Notification, Paragraph 11. Please explain whether the proposed project meets NERC or PJM minimum planning criteria or whether it exceeds these criteria to meet transmission owner planning criteria.

PPL Response The proposed project meets all NERC, PJM and Transmission Owner criteria. Asset health is the primary driver for this project.

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A-4 Reference the Letter of Notification, Paragraph 18. Please provide a detailed description of the methodology used to determine that the subject transmission facilities have reached the end of their useful service life. Additionally, provide any survival curves or utility specific data used in this determination.

PPL
Response The service life of an asset can be determined based on a number of factors, including asset age, design, material, environmental risks, vintage, manufacturer, maintenance history, obsolescence, etc. The combined effect of these factors will result in a substantial increase in the risk of failure of the asset and/or the cost of ownership after a point in time in the life of the asset. 230/69kV Transformers generally reach that point at an average age of 50 years old. Circuit breakers generally reach that point at an average age of 30 years old. The assets at the Frackville Substation have reached that point, as is evident by the increase in equipment failures and maintenance required in recent years.

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A-5 Reference the Letter of Notification, Paragraph 31. Please separately state the cost for the work associated with the rebuilt Frackville Substation.

PPL The estimated cost for the work associated with the Rebuilt Frackville
Response Substation is approximately \$55.7 million. The estimated cost is based on preliminary engineering using index pricing current at the time it was developed.

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A-6 Reference the Letter of Notification, Paragraph 41. Please state the width of the existing right-of-way.

PPL Response The existing right of way adjacent to the Frackville Substation is 175 feet wide where it runs east to west and 600 feet wide where it runs north to south.

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A-7 Reference the Letter of Notification, Paragraph 41. Please explain whether any properties that did not previously have a structure will now have a structure. Additionally, state if the easement allows for structures on these properties that did not previously have a structure.

PPL Response There are no properties that will have a structure that do not currently have structures.