
Garrett P. Lent

glent@postschell.com
717-612-6032 Direct
717-731-1985 Direct Fax
File #: 214876

November 3, 2025

VIA ELECTRONIC FILING

Matthew L. Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

**Re: Letter of Notification of Mid-Atlantic Interstate Transmission, LLC, for the
Middleton Junction-Smith Street No. 2 115 Kilovolt Transmission Line Loop to
Raintree Substation Project in Manchester Township, York County, Pennsylvania
Docket No. A-2025-3057945**

Dear Secretary Homsher:

Enclosed please find the responses of Mid-Atlantic Interstate Transmission, LLC (“MAIT”) to Data Requests issued by the Bureau of Technical Utility Services (“TUS”) on October 21, 2025, in the above-referenced matter.

Should you have any questions or concerns regarding this information, please feel free to contact me.

Respectfully submitted,


Garrett P. Lent

GPL/dmc
Enclosure

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

Bureau of Technical Utility Services – Data Request

Docket No. A-2025-3057945

Letter of Notification of Mid-Atlantic Interstate Transmission, LLC for Approval to Construct the Middletown Junction – Smith Street No. 2 115 kV Transmission Line Loop in York County, Pennsylvania

November 3, 2025

QUESTION A-1

Reference the Letter of Notification, Paragraph 11. Please explain whether load growth in the area has led to any change in circumstances as it relates to the need for the subject project. If so, please quantify these load growth impacts.

Response:

As referenced in Paragraph 21 of the Letter of Notification, FE PA installed a second distribution transformer at Raintree Substation in 2020 to reduce the loading on an existing transformer due to increased load in the area and provide additional capacity for future load growth. The second transformer further justifies the need for the ring bus since it is an additional element that was added to the straight bus.

Currently, Raintree Substation directly serves approximately 36 MW of peak load and 5,600 customers.

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QUESTION A-2

Reference the Letter of Notification, Paragraph 11. Please explain whether existing facilities within Raintree Substation will be replaced as part of the subject project. If so, please state the age, anticipated service life, and provide a detailed description of the condition of these assets.

Response:

No existing facilities within Raintree Substation will be replaced as part of the Project.

One existing ground switch will be removed as part of this Project, but will not be replaced. Age, anticipated service life and current condition for this asset is included below.

Substation	Equipment	Age	Condition	Expected Service Life
Raintree	Ground Switch	5 Years	Typical for given age	30 - 40 years

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QUESTION A-3

Reference the Letter of Notification, Paragraph 28. Please explain whether the subject project would mitigate the effects of the outages described.

Response:

Yes, the proposed Project would mitigate the effects of the outages described in Paragraph 28 (Table 5), as all outages described occurred on the existing Middletown Junction–Smith Street 115 kV No. 2 Transmission Line to which the Raintree Substation is connected. The existing transmission line has breakers on either end and does not have any other interrupting devices that have the capability to sectionalize a line fault. The ring bus configuration proposed at Raintree Substation will interrupt similar fault events, isolate the faulted line, and prevent interrupting the customers served from the Raintree Substation.

Bureau of Technical Utility Services – Data Request

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QUESTION A-4

Reference the Letter of Notification, Paragraph 31. Please explain whether MAIT anticipates the construction of additional projects to further improve reliability in the area. If so, please provide a description of these projects.

Response:

As described in Paragraph 31, MAIT has proposed the following projects:

- **Smith Street Substation:** Smith Street Substation will be converted to a 115 kV breaker-and-a-half configuration in a new switching station under the name “Willis Road Substation”. This project will increase the operational flexibility at Willis Road Substation and further improve reliability in the area. A Letter of Notification was filed under Docket No. A-2025-3051563 and approved on February 20, 2025. Construction is ongoing with a target in-service date of June 2027.
- **Pleasureville–York Incinerator 115 kV Transmission Line:** The Pleasureville–York Incinerator 115 kV Line will be rebuilt in order increase the capacity of the line and address line/tower condition constraints that were identified in a field inspection. A Letter of Notification was filed under Docket No. A-2025-3054831 and approved on August 14, 2025. Construction is ongoing with a target in-service date of November 2026.
- **Cly Substation:** Cly Substation was converted into a 115 kV ring bus configuration in December 2024. The project was created to increase reliability and operational flexibility in the area. This project removes the normally open points that existed between Middletown, Round Top, and Cly substations, networking the York 115 kV transmission system. A Letter of Notification was filed under Docket No. A-2023-3041221 and approved on August 24, 2023. The project was placed in service on December 17, 2023.

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QUESTION A-5

Reference the Letter of Notification, Paragraph 39. Please provide a detailed description of the thermal loading violation.

Response:

No thermal loading violation exists as paragraph 39 was added in error to the Letter of Notification.

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QUESTION A-6

Reference the Letter of Notification, Paragraph 41. Please state the age and anticipated service life and describe the overall health of the transmission line facilities to be replaced. Additionally, include information related to conditions which may have accelerated aging or led to premature failure of the facilities.

Response:

Two existing structures will be removed as they currently support the transmission line tap and will no longer be needed in that arrangement with the planned transmission line loop configuration.

The two structures to be removed as part of this Project are Structures 102-2 and 102-1. Structure 102-2 is a direct embedded wood monopole that was installed in 2005. Structure 102-1 is a direct embedded steel monopole switch structure that was also installed in 2005. There are no reports of maintenance conditions on either of these structures since their installation. There are no indications of environmental or design factors that could lead to accelerated aging or premature failure of these structures.

QUESTION A-7

Reference the Letter of Notification, Paragraph 42. Please explain how the new easements will allow for the location of the new structures within existing right-of-way.

Response:

The new transmission line easement was obtained to support the installation of new Structure #102B along with conductor outside the existing ROW. As referenced in Paragraph 43, the existing easement agreements allow for the proposed structure replacements within the existing ROW, which would support the installation of new Structures #102C and #102A.

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QUESTION A-8

Reference the Letter of Notification, Paragraph 48. Please provide the estimated distribution system costs to be assumed by FirstEnergy Pennsylvania Electric Company.

Response:

The estimated distribution system costs to be assumed by FirstEnergy Pennsylvania Electric Company are approximately \$345,000.

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QUESTION A-9

Reference the Letter of Notification, Paragraph 48. Please explain whether FE PA will construct a portion of the subject transmission facilities.

Response:

No, FE PA will not construct a portion of the subject transmission facilities.

