Sub-Regional RTEP Committee – Mid-Atlantic
PPL Supplemental Projects

November 12th, 2026

Needs

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

PPL Transmission Zone M-3 Process
Sunbury 69kV MOS

Need Number: PPL-2026-0057

Process Stage: Need Meeting SRRTEP-MA - 11/12/2026

Project Driver:

- *Customer Service*

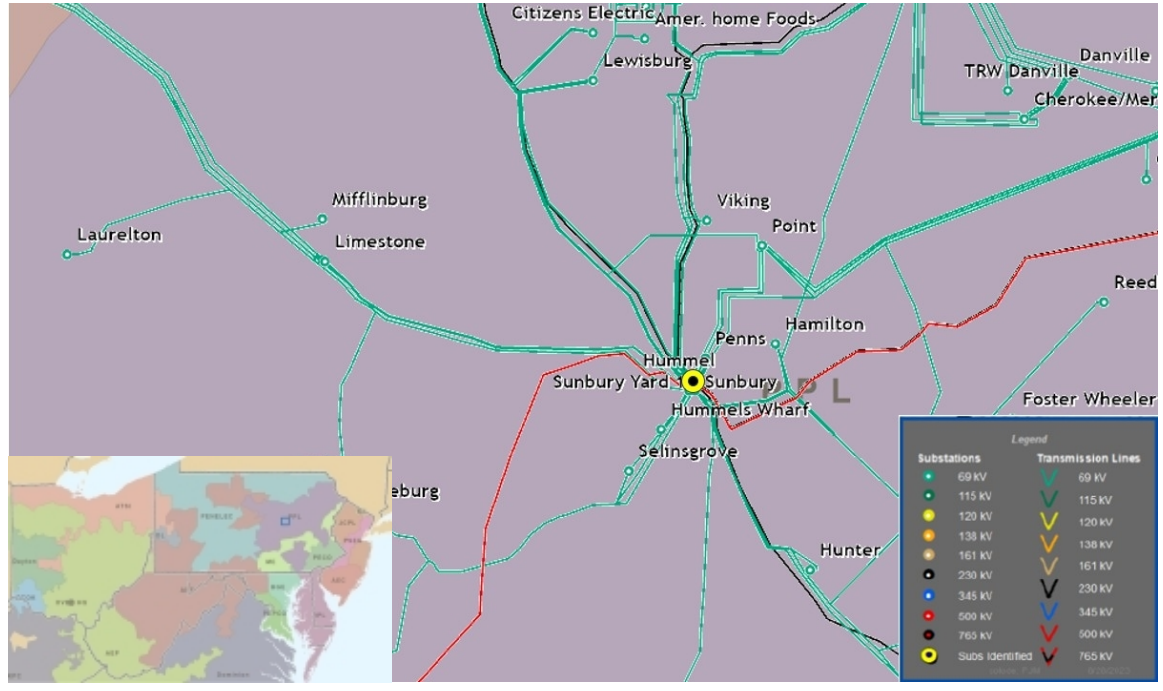
Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

A customer has submitted a request to have their facility served from a 69kV source out of the Sunbury 69kV Station. The requested load is 125MW. Requested in-service 12/31/2029.

- Initial Load: 125 MW, Expected Date: 12/2029
- Total Load: 125 MW, Expected Date: 12/2029



Solutions

Stakeholders must submit any comments within 10 days of this meeting in order to provide time necessary to consider these comments prior to the next phase of the M-3 process

PPL Transmission Zone M-3 Process
Meckesville Tap

Need Number: PPL-2026-0045

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Previously Presented: Need Meeting SRRTEP-MA - 08/13/2026

Project Driver:

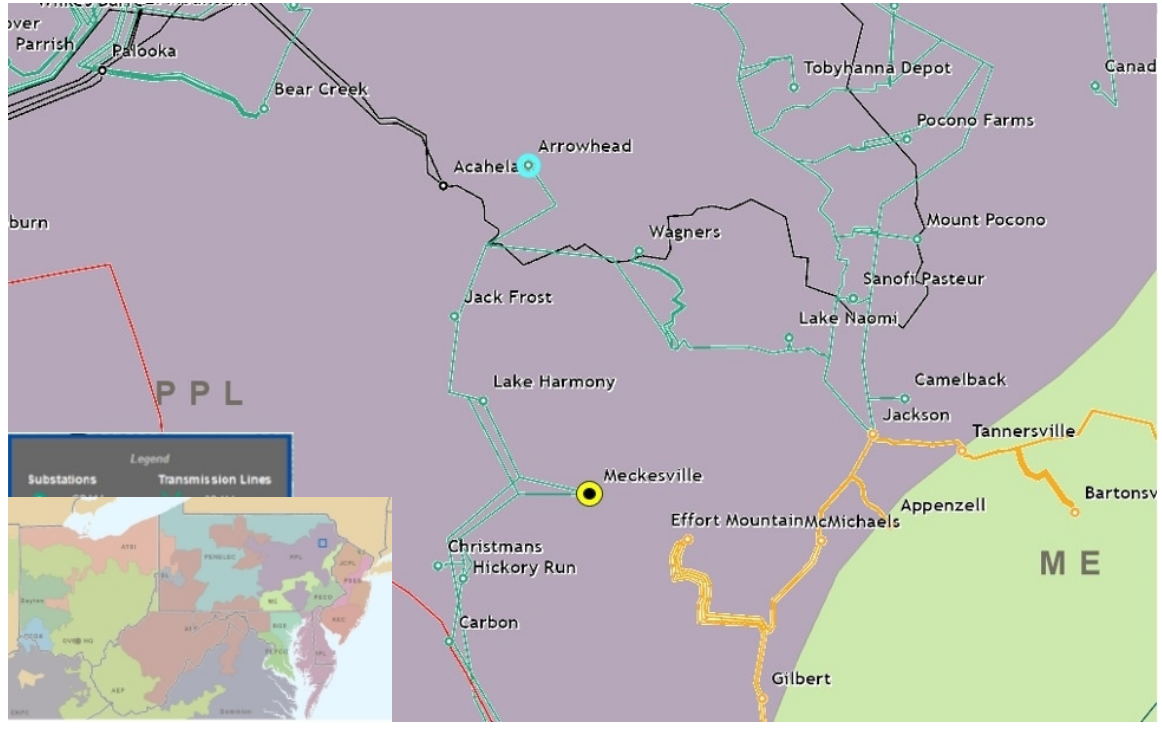
- *Customer Service*

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Meckesville 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 11/30/2030.



PPL Transmission Zone M-3 Process
Meckesville Tap

Need Number: PPL-2026-0045

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Proposed Solution:

Meckesville 69kV tap 2

- Extend the existing East Palmerton-Acahela 69kV 2 Line Tap 2.9 miles to the Meckesville transformer bay 2 position.
- Estimated Cost: $9.1 M

Ratings MVA (SN/SE/WN/WE):

Meckesville 69kV tap 2

- Before Proposed Solution: N/A
- After Proposed Solution: 96/125/111/141

Alternatives Considered:

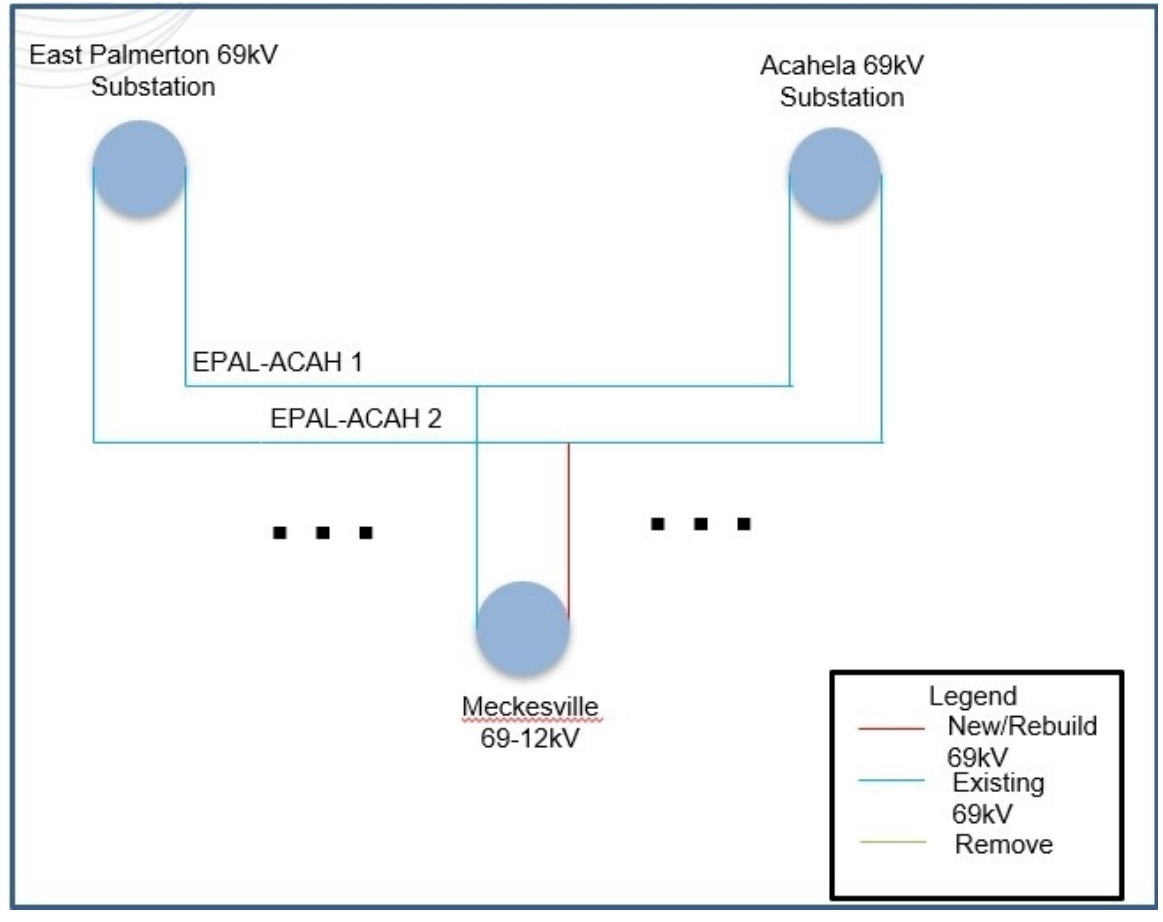
N/A

Transmission Cost Estimate: $9.1 M

Projected In-Service: 11/30/2030

Project Status: Conceptual

Model: 2030



PPL Transmission Zone M-3 Process
Hickory Run Tap

Need Number: PPL-2026-0046

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Previously Presented: Need Meeting SRRTEP-MA - 08/13/2026

Project Driver:

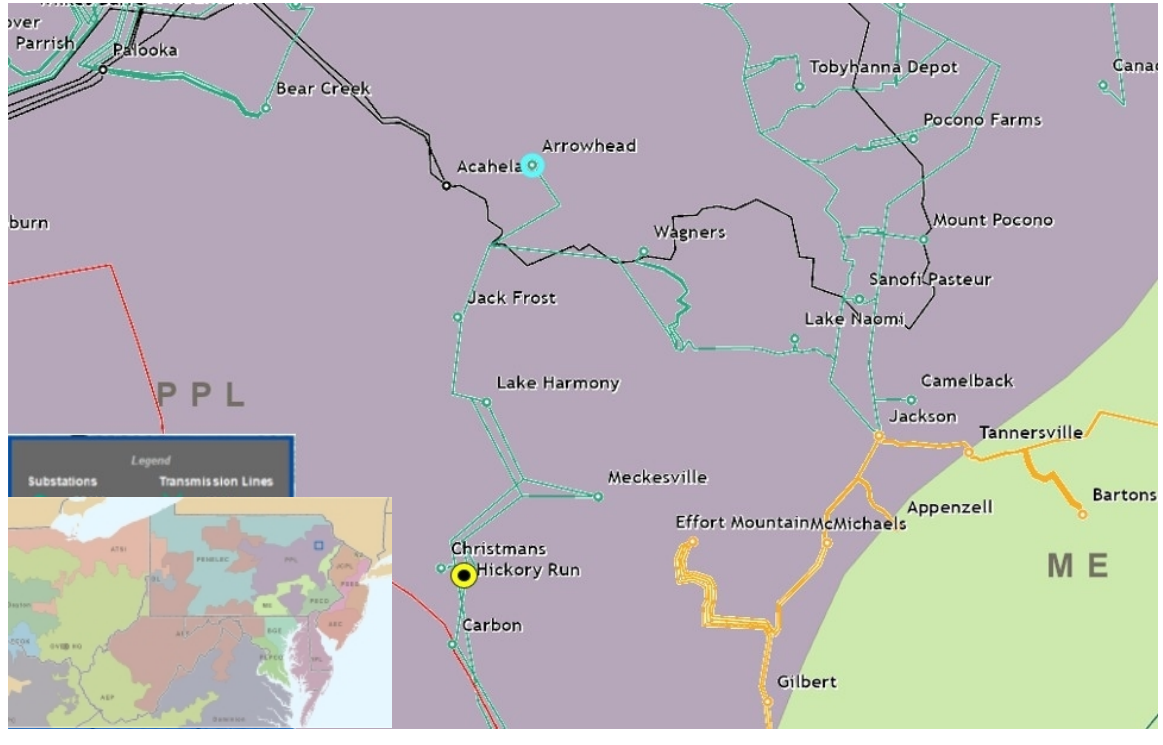
- *Customer Service*

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Hickory Run 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 11/30/2028.



PPL Transmission Zone M-3 Process
Hickory Run Tap

Need Number: PPL-2026-0046

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Proposed Solution:

Hickory Run 69kV Tap

- Extend the existing East Palmerton-Acahela 69kV 2 Line Tap 0.1 miles to the Hickory Run transformer bay 2 position.
- Estimated Cost: $0.7 M

Ratings MVA (SN/SE/WN/WE):

Hickory Run 69kV Tap

- Before Proposed Solution: N/A
- After Proposed Solution: 96/125/111/141

Alternatives Considered:

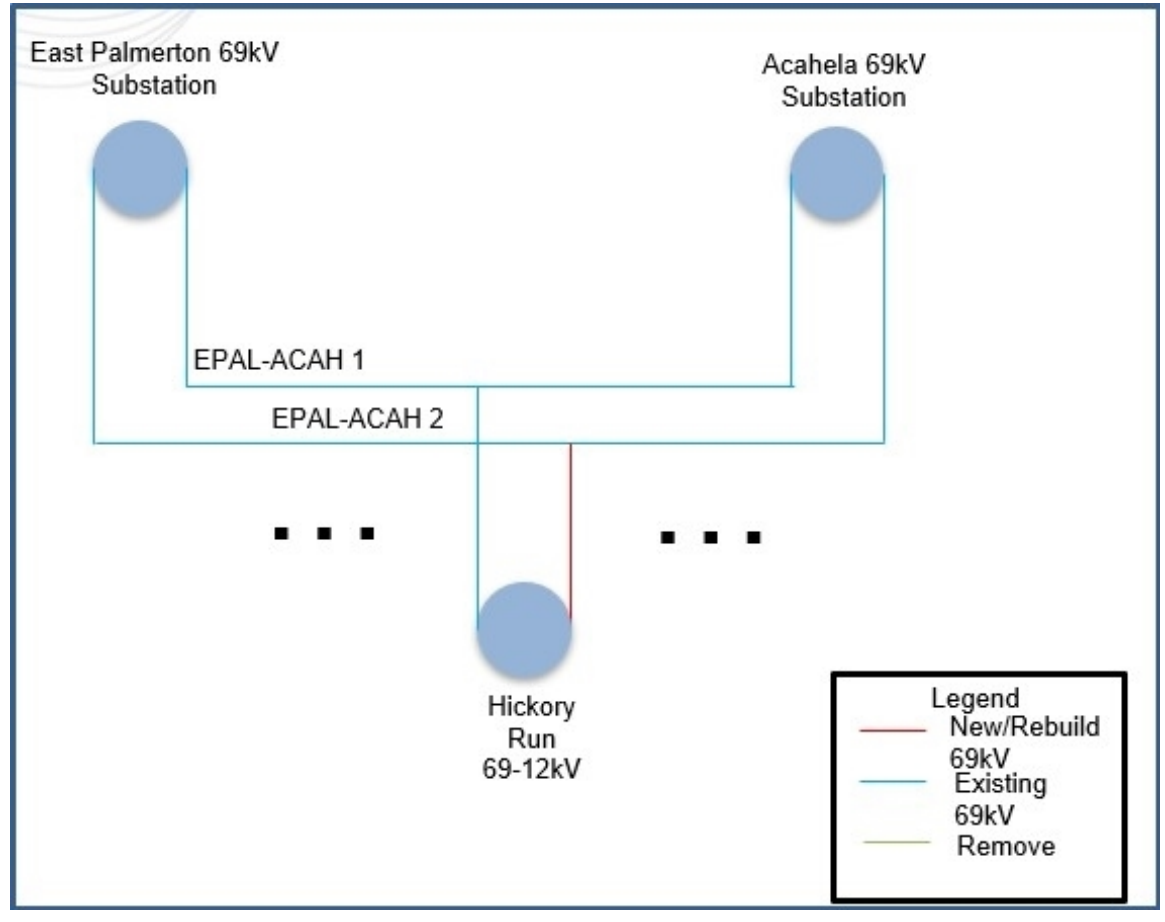
N/A

Transmission Cost Estimate: $0.7 M

Projected In-Service: 11/30/2028

Project Status: Conceptual

Model: 2030



PPL Transmission Zone M-3 Process
POCO-JACK 69kV Improvements

Need Number: PPL-2026-0047

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Previously Presented: Need Meeting SRRTEP-MA - 10/15/2026

Project Driver:

- *Equipment Condition/Performance/Risk*
- *Operational Flexibility and Efficiency*

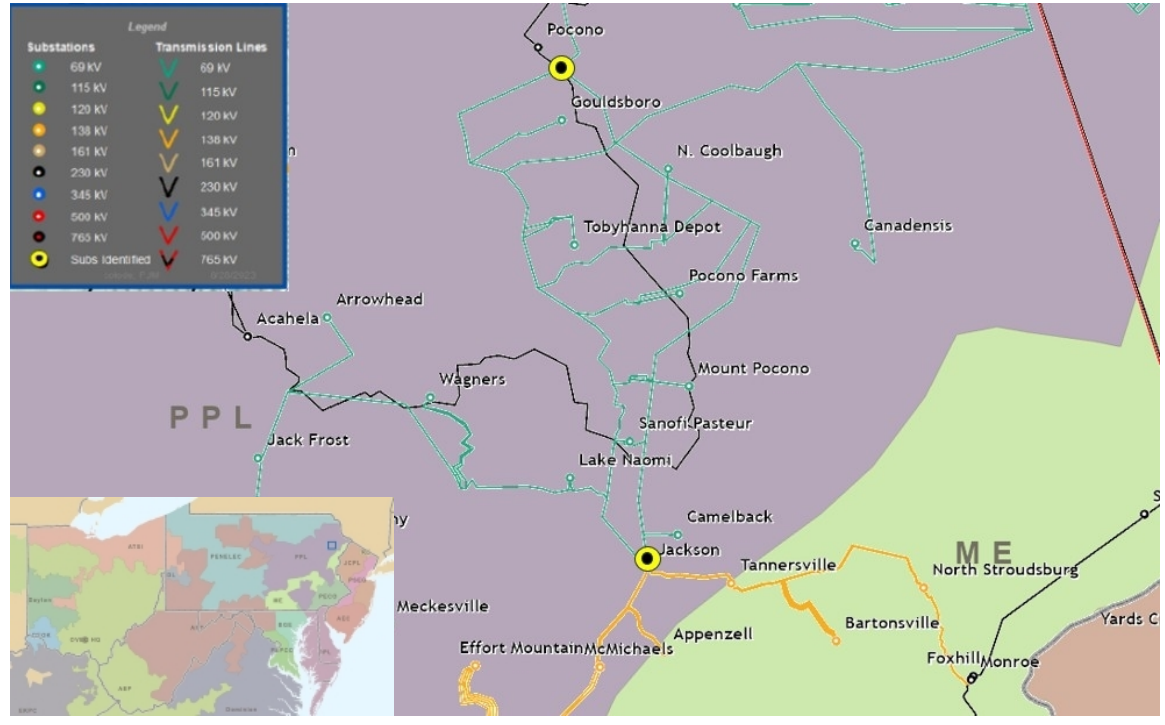
Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

Pocono-Jackson 1 & 2 69kV lines have limited sectionalizing capability. On the Pocono-Jackson 2 69kV line, there are 30 wood poles, 93% of the them are past the expected life. In addition, on the Pocono-Jackson 2 69kV line, there is a 0.25 mile section that is 336 kcmil, while the rest of the circuit is 556 kcmil.

Requested in-service 11/1/2029.



PPL Transmission Zone M-3 Process
POCO-JACK 69kV Improvements

Need Number: PPL-2026-0047

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Proposed Solution:

POCO-JACK 2 69kV

- Replace all wood poles with steel poles, utilizing existing conductor. Reconductor single span of 0.2 miles from 336 ACSR to 556 ACSR.

- Estimated Cost: $2 M

Ratings MVA (SN/SE/WN/WE):

POCO-JACK 2 69kV

- Before Proposed Solution: 68/92/79/103
- After Proposed Solution: 96/125/111/141

Alternatives Considered:

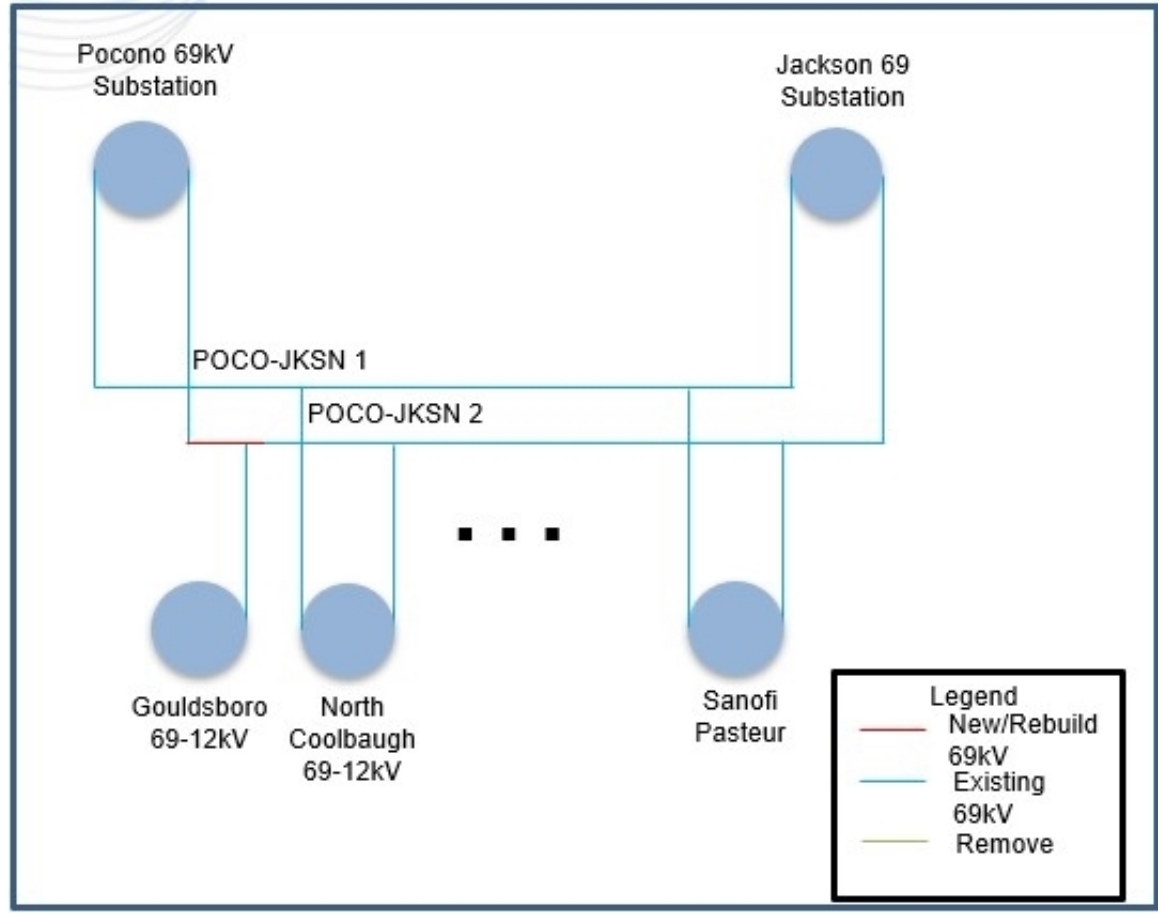
N/A

Transmission Cost Estimate: $2 M

Projected In-Service: 03/01/2028

Project Status: Conceptual

Model: 2030



PPL Transmission Zone M-3 Process
Twin Lakes Double Circuit

Need Number: PPL-2026-0052

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Previously Presented: Need Meeting SRRTEP-MA - 10/15/2026

Project Driver:

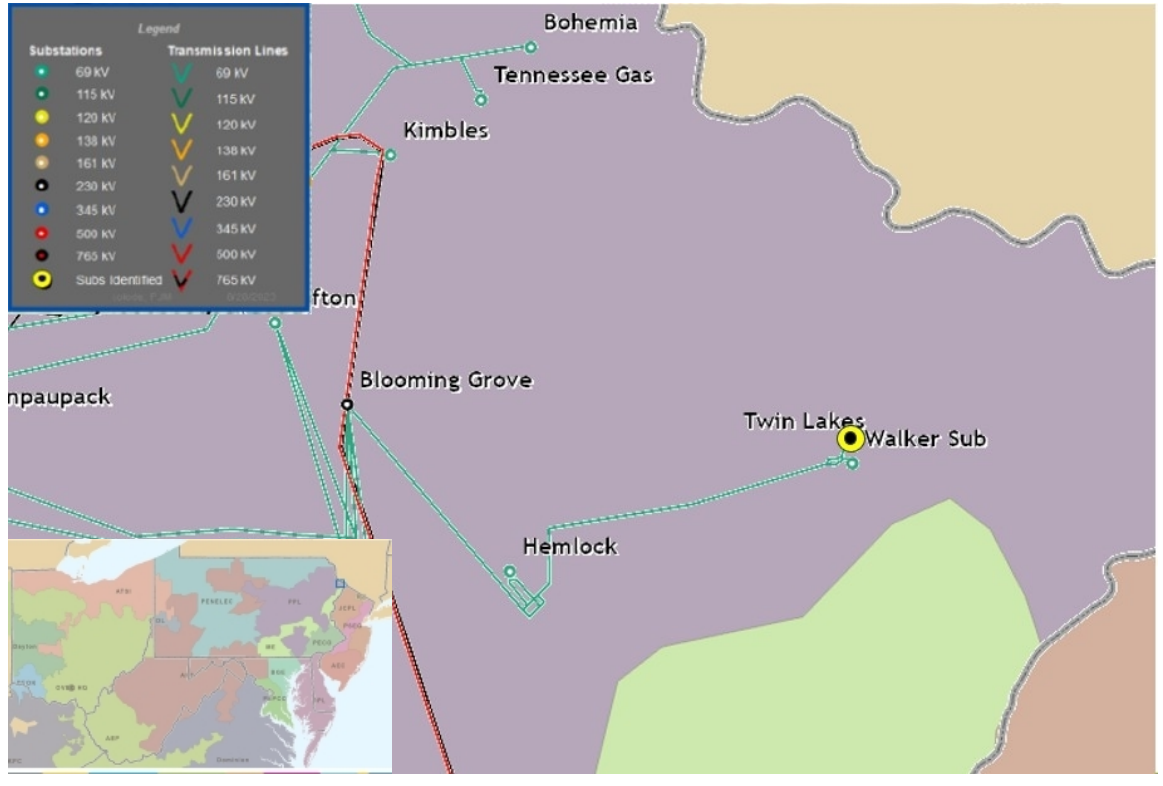
- *Equipment Condition/Performance/Risk*
- *Operational Flexibility and Efficiency*

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

Twin Lakes 69kV tap is single circuit tap of 8.9 miles comprised of 65 wood and 27 steel poles. 49 of the wood poles are beyond life expectancy. The existing conductor is 85% of its life expectancy. The line experienced eight momentary outages since 2020, impacting 3,407 customers. 40% of the load is stranded due to the single circuit design.. Requested in-service 5/30/2029.



PPL Transmission Zone M-3 Process
Twin Lakes Double Circuit

Need Number: PPL-2026-0052

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Proposed Solution:

Twin Lakes Tap 69kV

- Rebuild 8.9 miles of the Twin Lakes tap as a double circuit, reusing existing steel structures when possible.
- Estimated Cost: $21.6 M

Ratings MVA (SN/SE/WN/WE):

Twin Lakes Tap 69kV

- Before Proposed Solution: N/A
- After Proposed Solution: 96/125/111/141

Alternatives Considered:

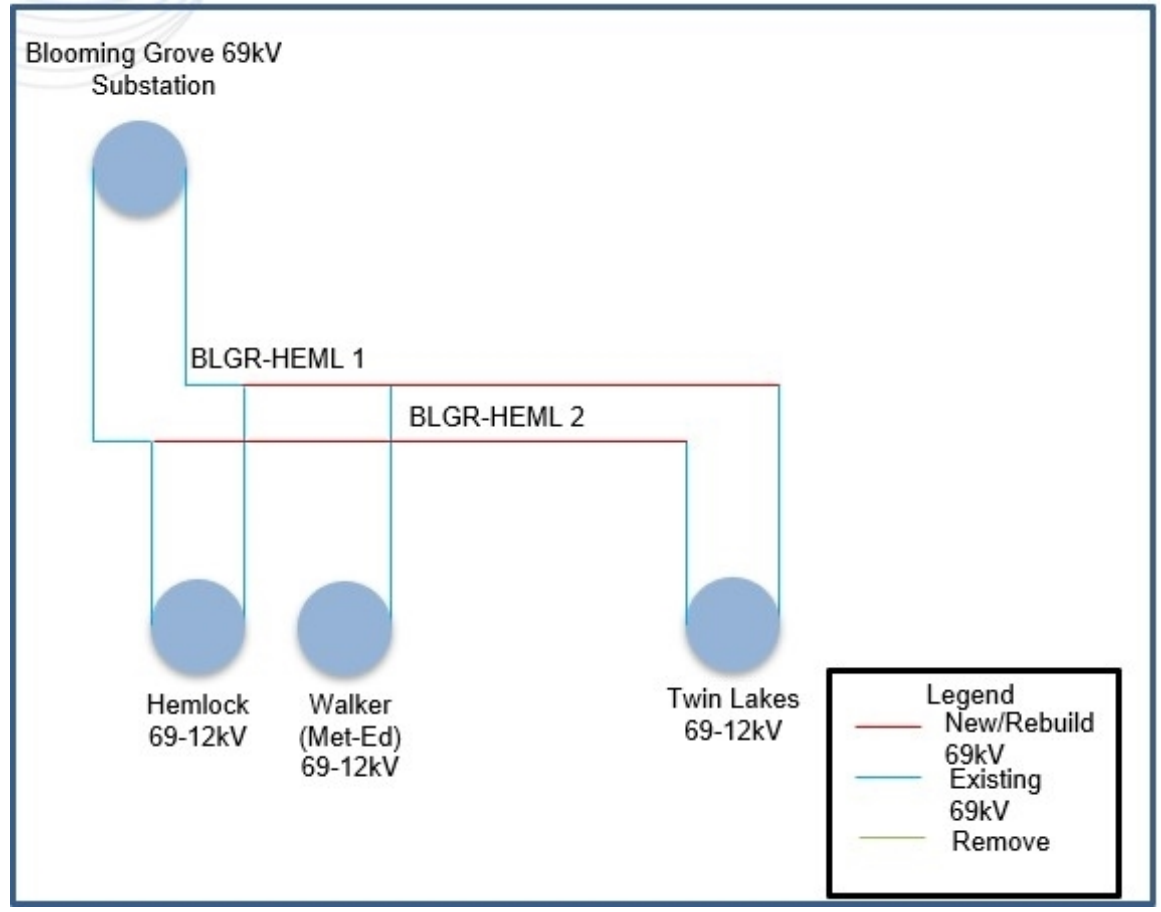
N/A

Transmission Cost Estimate: $21.6 M

Projected In-Service: 06/01/2029

Project Status: Conceptual

Model: 2030



PPL Transmission Zone M-3 Process
Varden AA Conversion

Need Number: PPL-2026-0038

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Previously Presented: Need Meeting SRRTEP-MA - 07/17/2026

Project Driver:

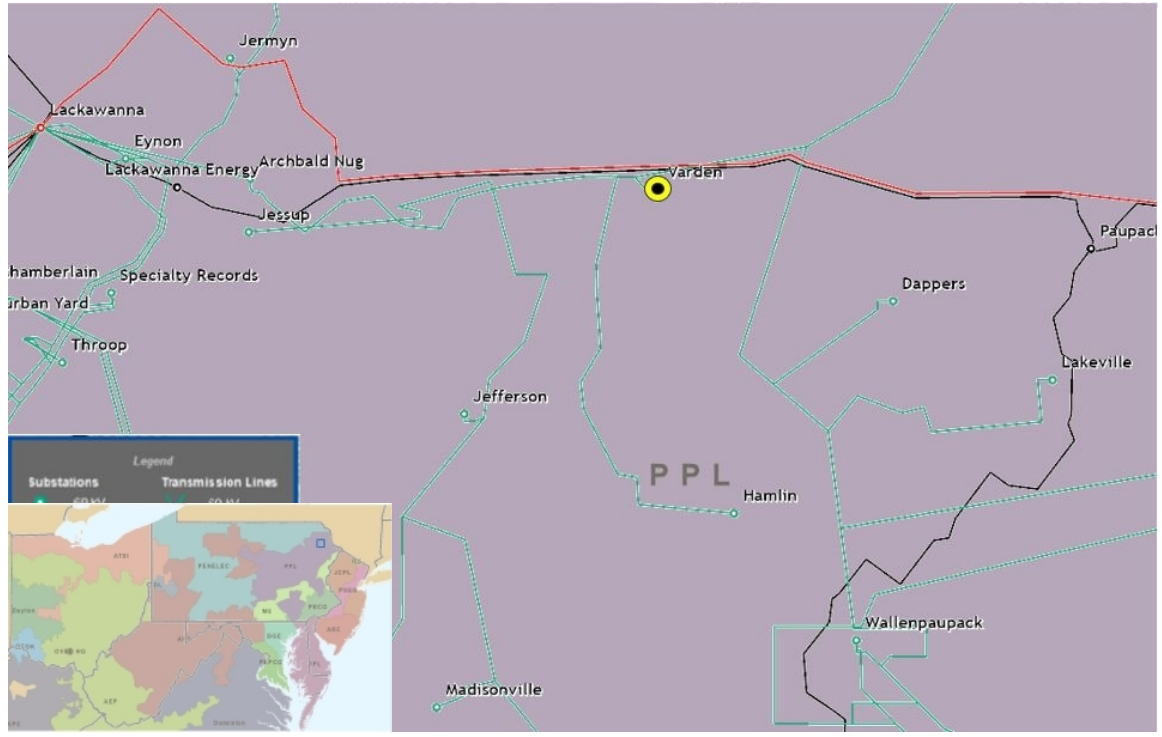
- *Customer Service*

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Varden 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 1/30/2030.



PPL Transmission Zone M-3 Process
Varden AA Conversion

Need Number: PPL-2026-0038

Process Stage: Solution Meeting SRRTEP-MA - 11/12/2026

Proposed Solution:

LACK-PAUP Tie 2

- Tap the Lackawanna-Pocono 69kV Line and extend 15.6 miles to the Paupack-Honesdale 2 69kV line. Utilize 556 ACSR.

- Estimated Cost: $17.2 M

Ratings MVA (SN/SE/WN/WE):

LACK-PAUP Tie 2

- Before Proposed Solution: N/A
- After Proposed Solution: 96/125/111/141

Alternatives Considered:

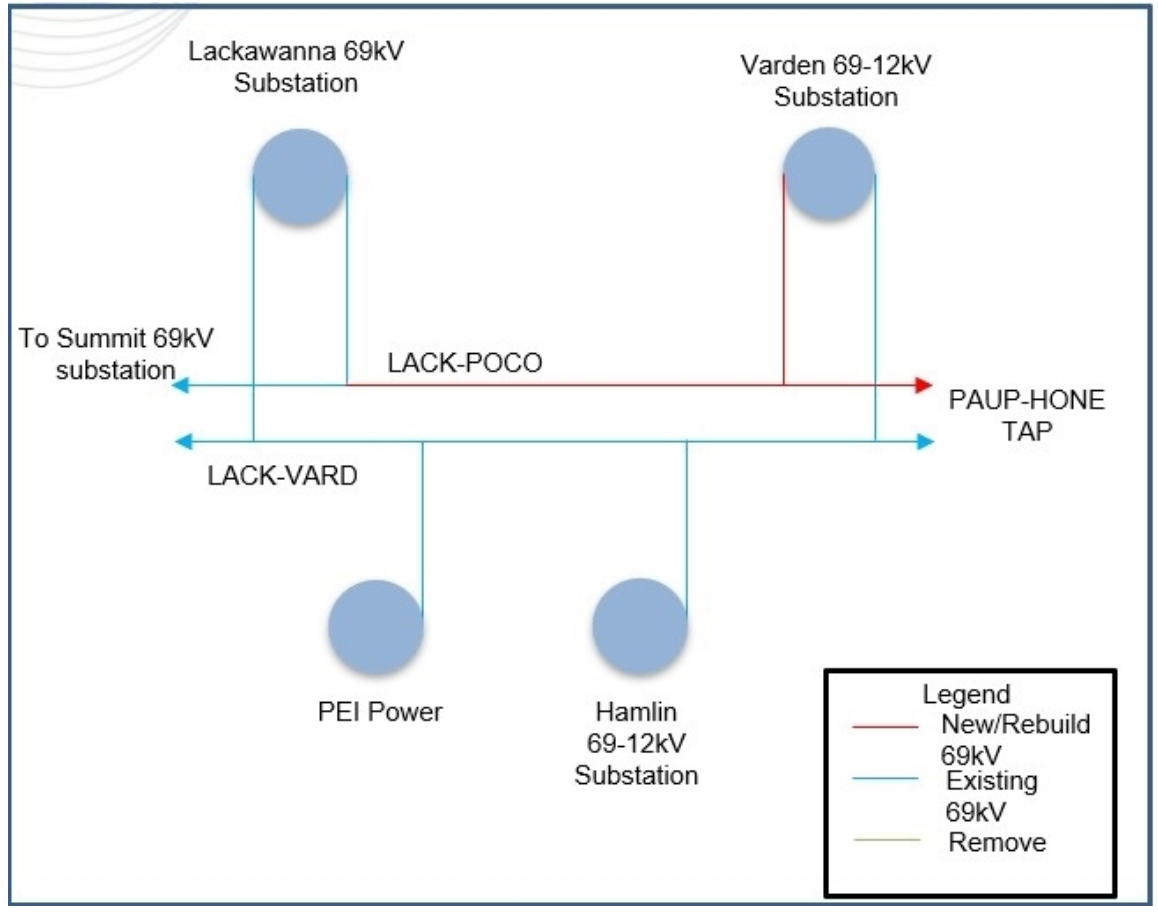
Extend the LACK-POCO 69kV Line only to Varden 69-12kV substation. This option does not provide flexibility / redundancy to the LACK-PAUP 1 Tie 69kV or allow similar upgrades to other Distribution Substations.

Transmission Cost Estimate: $17.2 M

Projected In-Service: 01/31/2030

Project Status: Conceptual

Model: 2029



Revision History

- V1 – 11/2/2026