

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

September 17th, 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

Need Number: PPL-2026-0048

Process Stage: Need Meeting 09/17/2026

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 temporary 69kV source near Mt Carmel, PA. The requested load is 120MW. Requested in-service 6/2028.

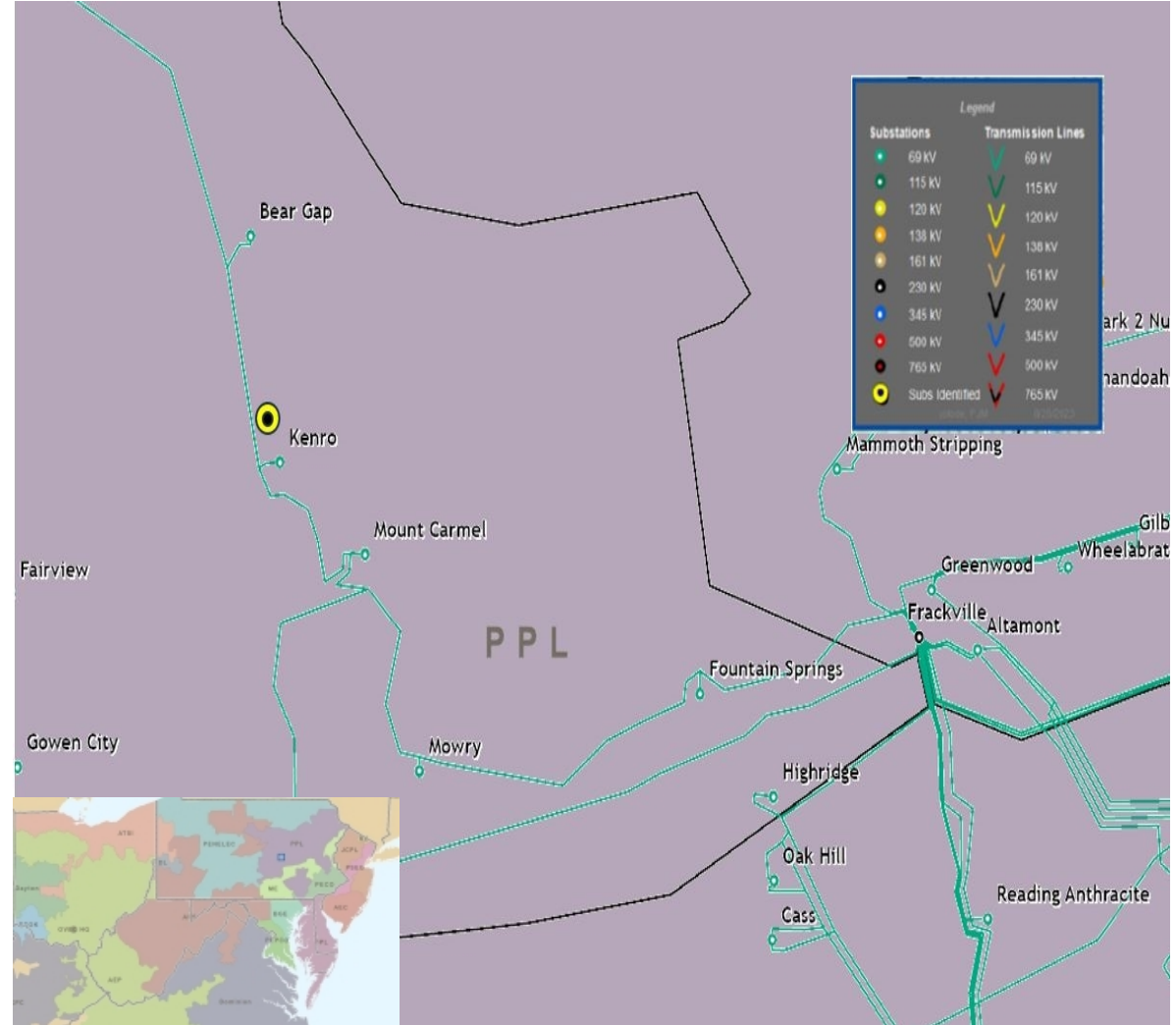
This load will temporarily serve the customer of need PPL-2026-0029:

"A customer has submitted a request to have their facility served from a 230kV source near Mt. Carmel, PA. The total facility load is approximately 2,000 MW (2033). The requested in-service date is 06/2028.

Initial In-Service 2028 Load: 290 MW

Projected 2029 Load: 500 MW

Projected 2031 Load: 1,250 MW"



PPL Transmission Zone M-3 Process

Frackville Temporary 69kV

Need Number: PPL-2026-0049

Process Stage: Need Meeting 09/17/2026

Project Driver: Customer Service

Specific Assumption References:

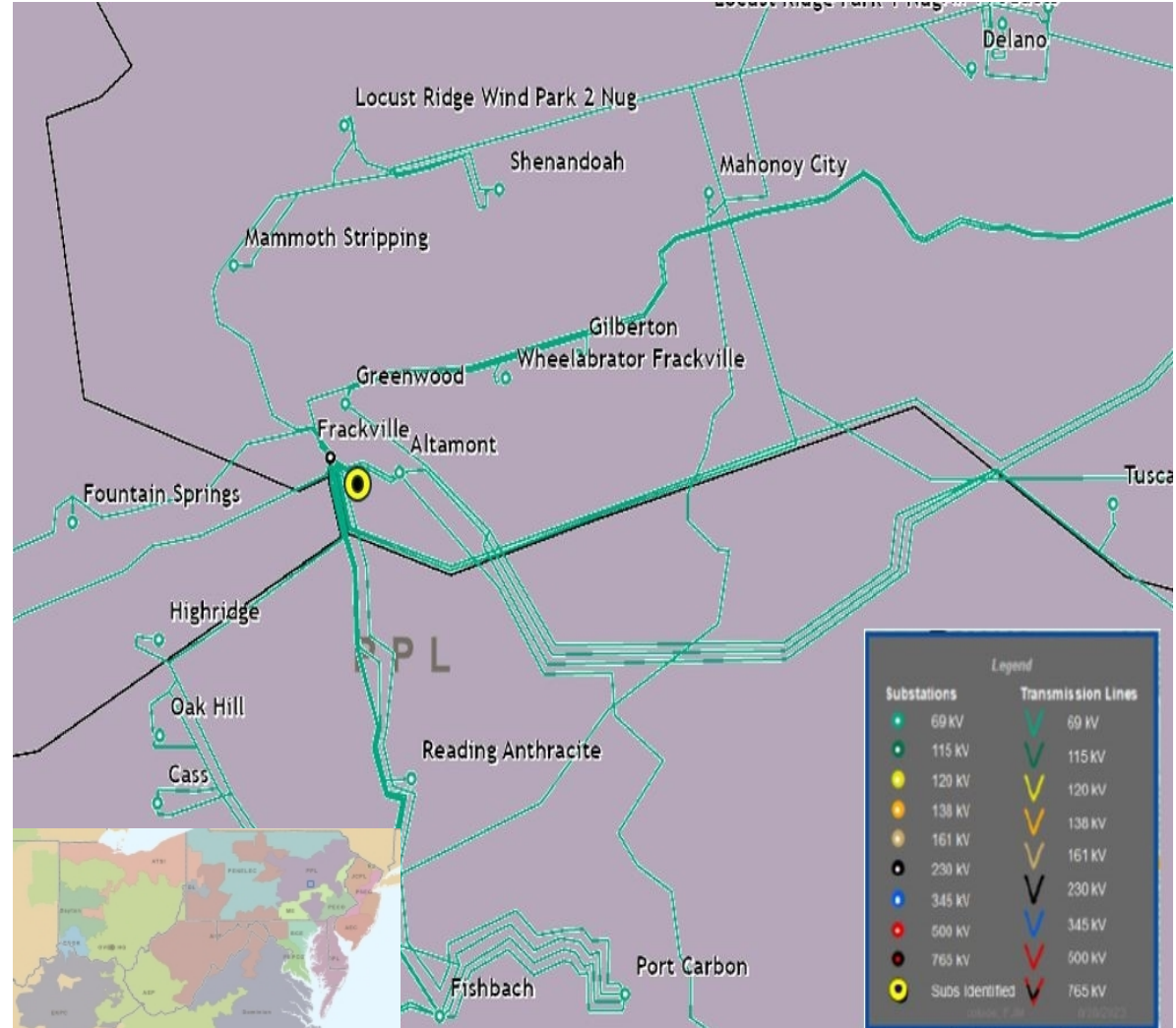
PPL 2026 Annual Assumptions

Problem Statement:

A customer has submitted a request to have their facility served from a temporary 69kV source near Frackville, PA. The requested load is 50MW. Requested in-service 12/1/2027.

This load will temporarily serve the customer of need PPL-2026-0040:

"A customer has submitted a request to have their facility served from a 230kV source near Frackville, PA. The total facility load is approximately 750MW (2031). The requested in-service date is 05/2029."



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

Need Number: PPL-2026-0014

Process Stage: Solution Meeting 09/17/2026

Previously Presented: Need Meeting 03/18/2026

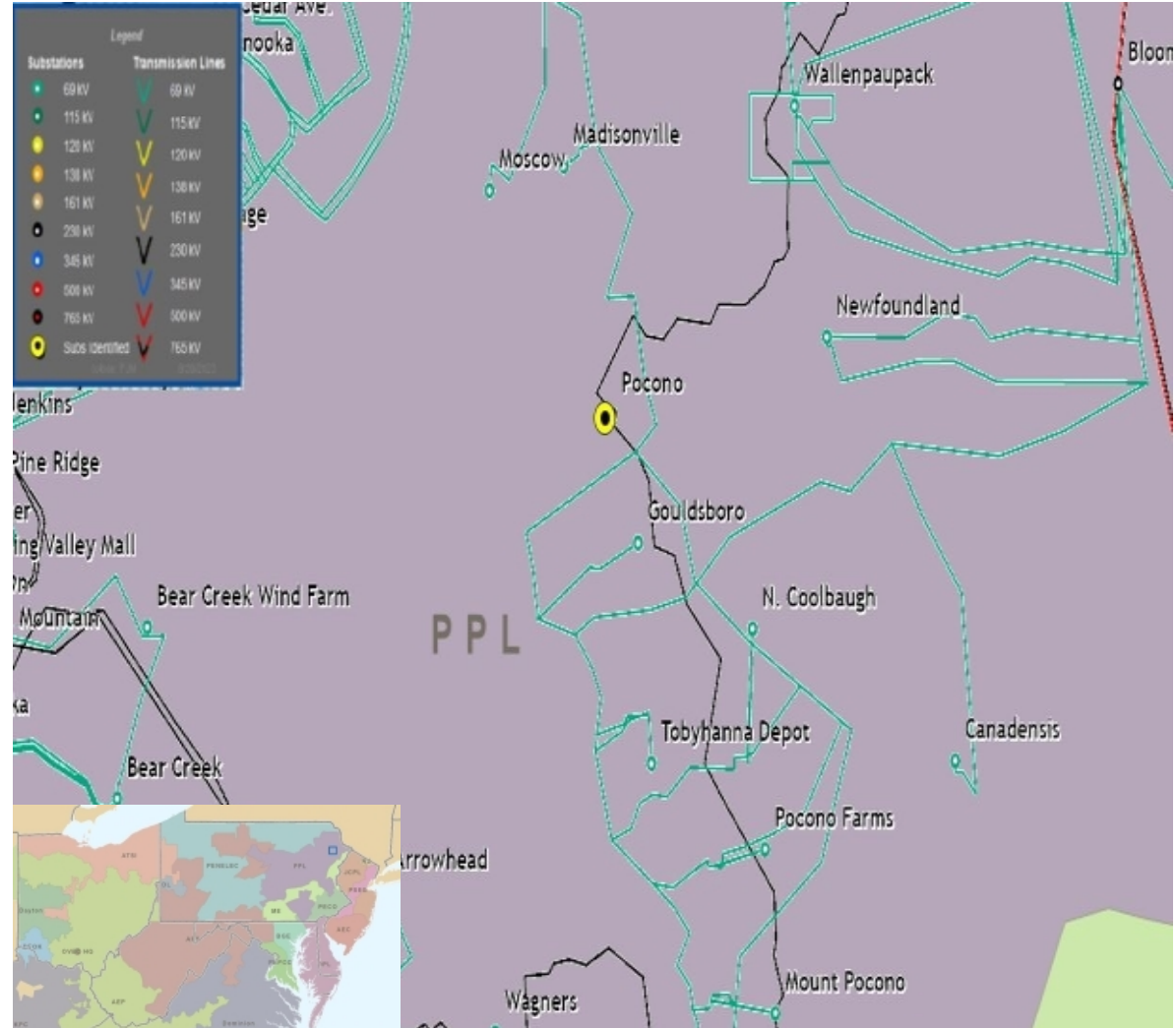
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

A customer has submitted a request to have their facility served from a 69kV source in Covington, PA. The requested 69kV service from these taps is for 15 MW. Requested in-service date is 2/28/2028.



Need number(s): PPL-2026-0014

Process Stage: Solution Meeting 09/17/2026

Proposed Solution:

AVP3 Tap

- Tap the Pocono-Jackson 2 69kV line and extend circuit 4.6 miles to feed to feed customer substation. Utilize 556 ACSR.

- Estimated Cost: \$4.6 M

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

AVP3 Tap

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

Alternatives Considered:

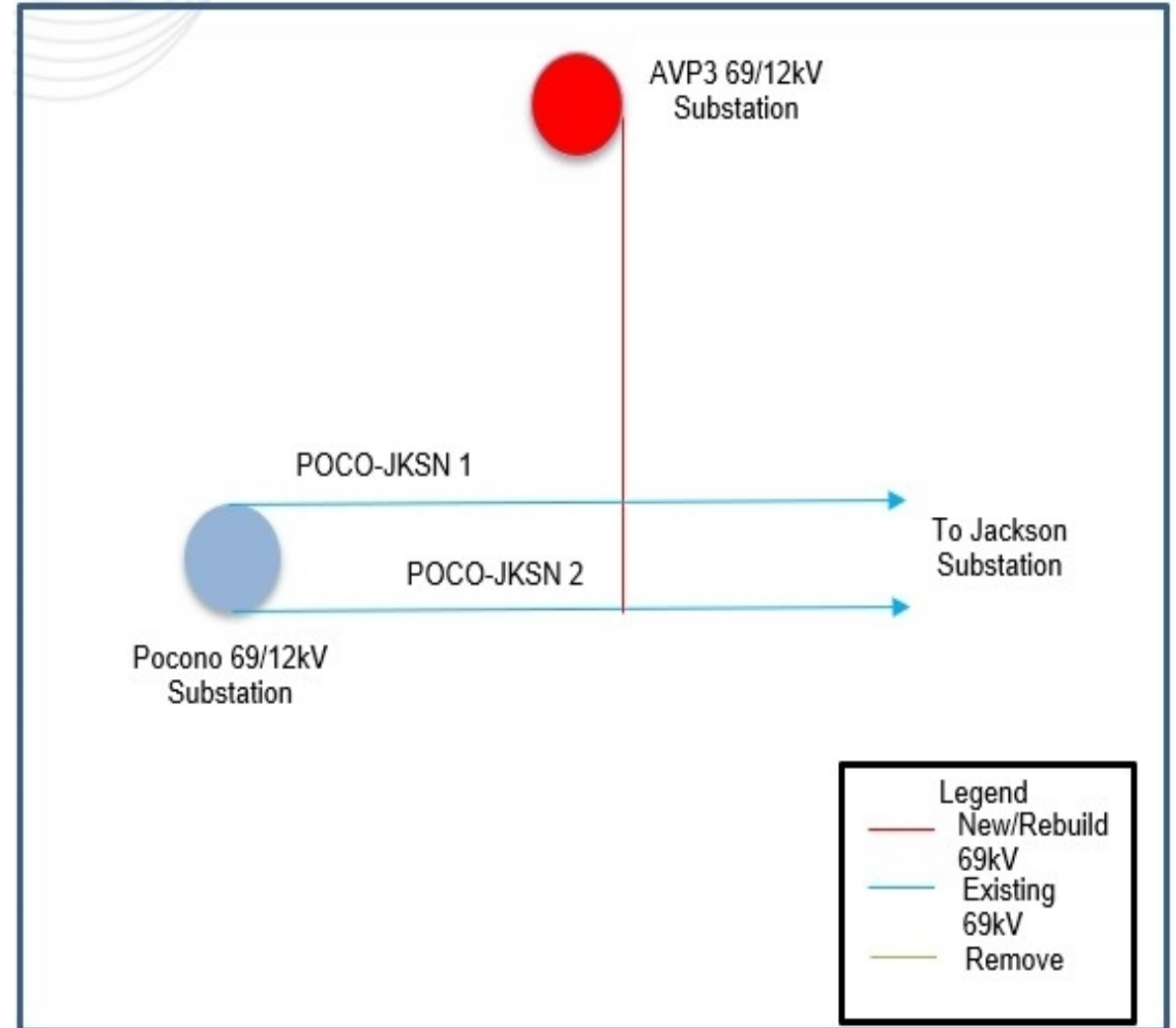
N/A

Transmission Cost Estimate: \$4.6 M

Projected In-Service: 03/31/2031

Project Status: Conceptual

Model: 2030



Need Number: PPL-2026-0035

Process Stage: Solution Meeting 09/17/2026

Previously Presented: Need Meeting 05/14/2026

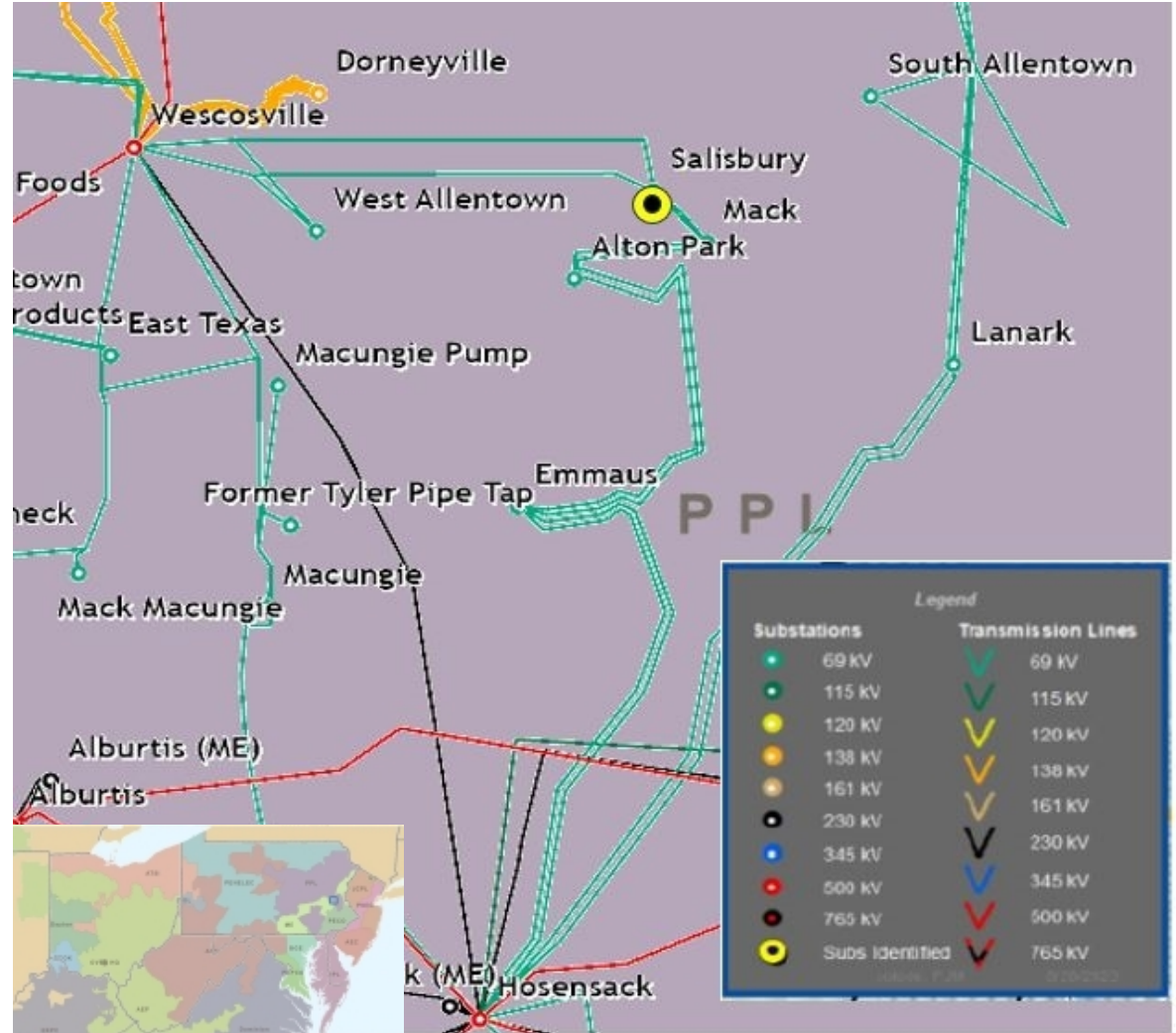
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

A customer has submitted a request to have their facility served from a 69kV source in Allentown, PA. The requested 69kV service from these taps is for 75MW.





PPL Transmission Zone M-3 Process

Downy Flake Taps

Need number(s): PPL-2026-0035

Process Stage: Solution Meeting 09/17/2026

Proposed Solution:

Downy Flakes Taps

- Tap the HOSE-WESC #1 & #2 69kV Lines and extend ~0.1 miles to the customer. Utilize 556 ACSR.
- Estimated Cost: \$3.1 M

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

Downy Flakes Taps

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

Alternatives Considered:

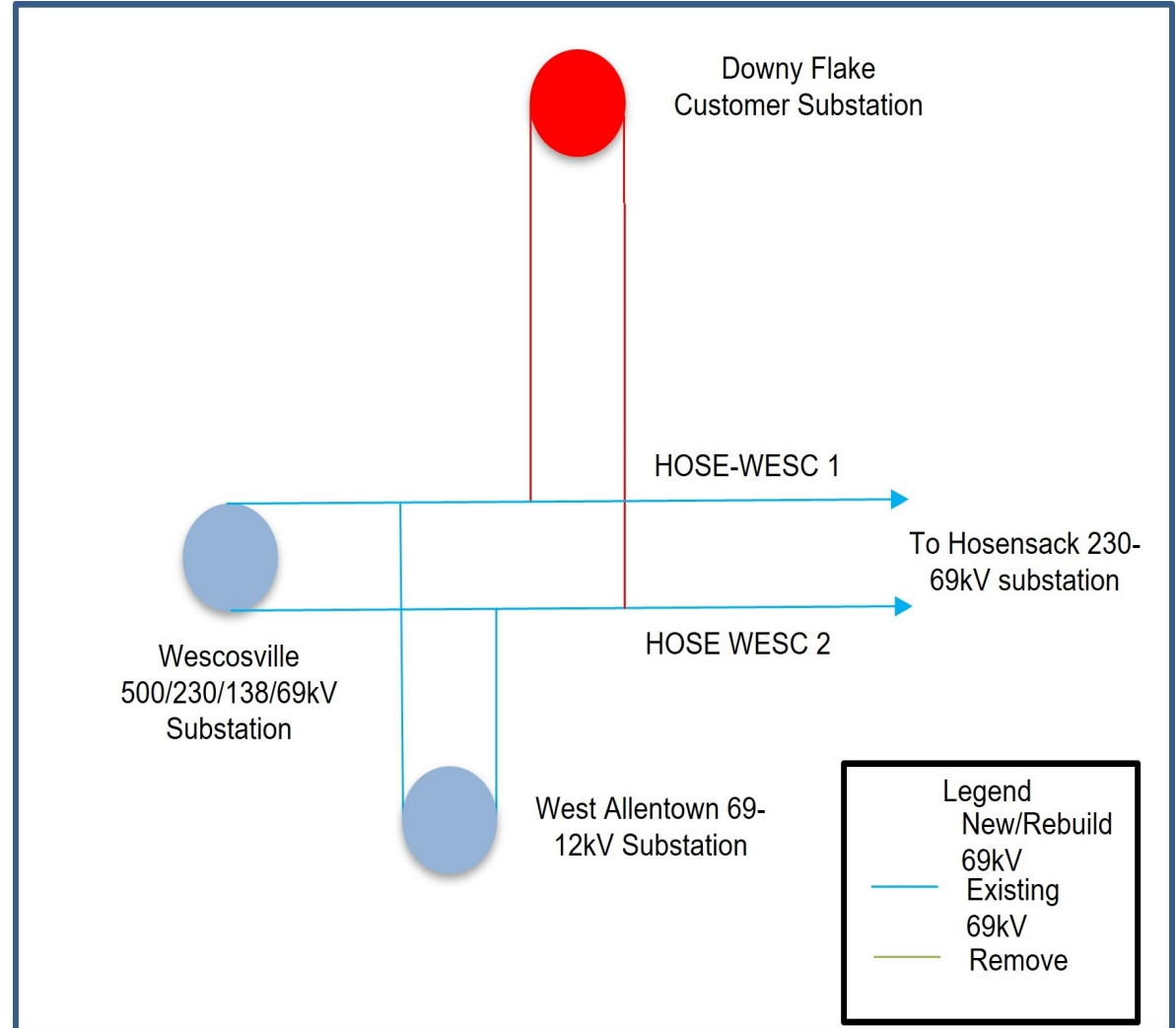
N/A

Transmission Cost Estimate: \$3.1 M

Projected In-Service: 03/01/2028

Project Status: Conceptual

Model: 2030



Need Number: PPL-2026-0039

Process Stage: Solution Meeting 09/17/2026

Previously Presented: Need Meeting 07/17/2026

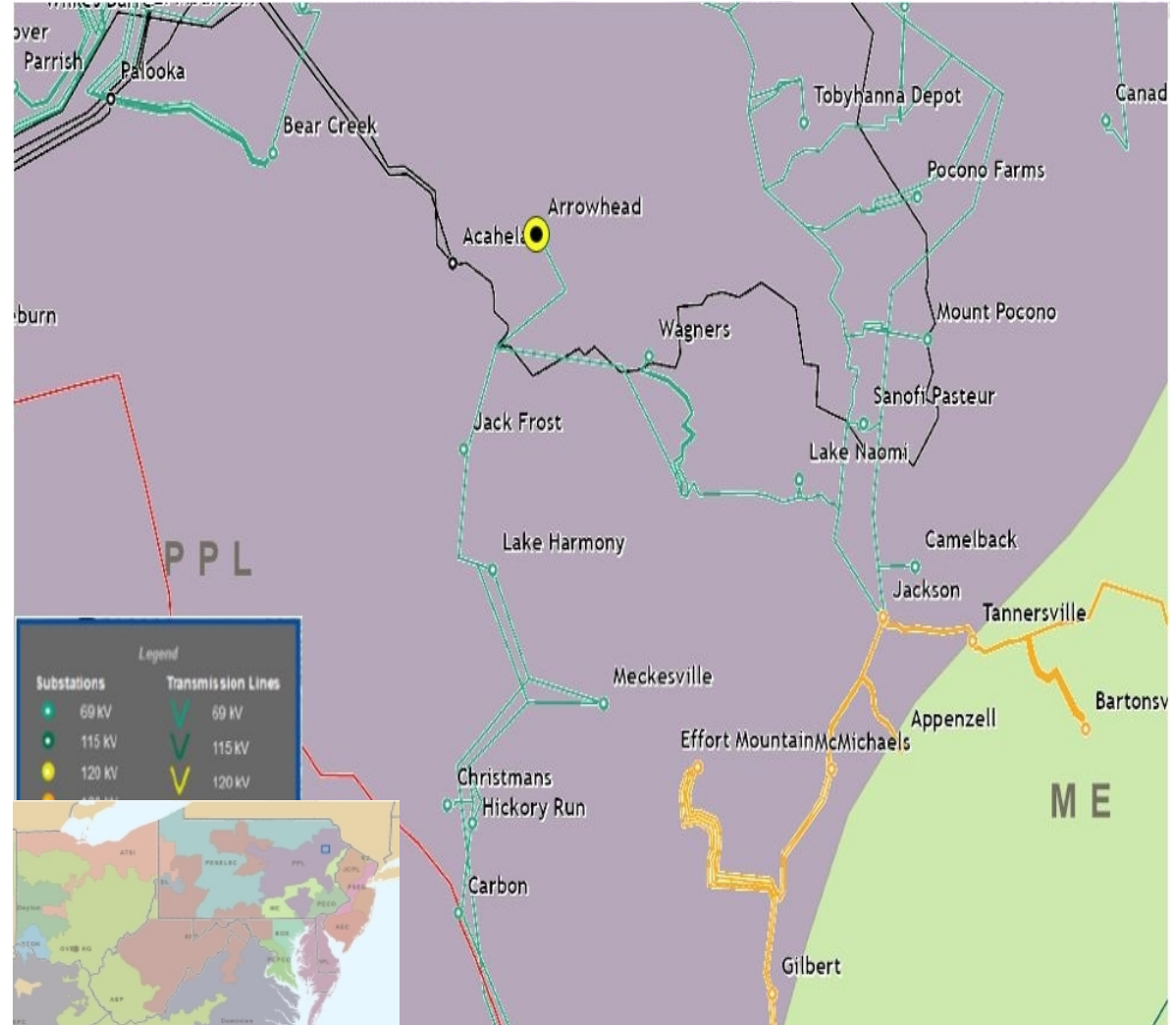
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Arrowhead 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 11/30/2029.



Need number(s): PPL-2026-0039

Process Stage: Solution Meeting 09/17/2026

Proposed Solution:

Arrowhead Tap

- Tap the Acahela-Jackson 2 69kV line and extend circuit 2.8 miles to feed to feed T2 at Arrowhead 69/12kV Substation. Utilize 556 ACSR.

- Estimated Cost: \$7.6 M

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

Arrowhead Tap

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

Alternatives Considered:

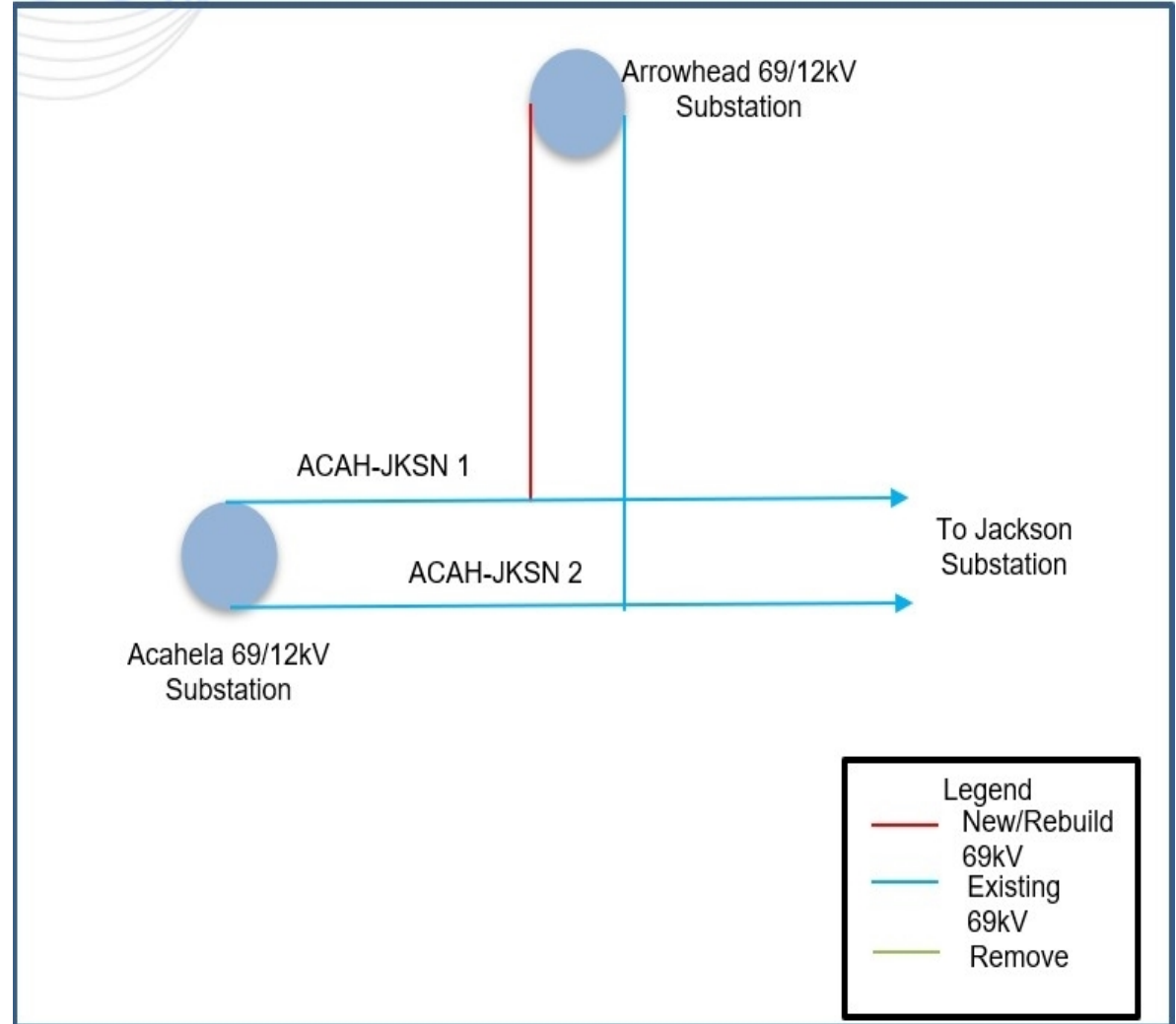
N/A

Transmission Cost Estimate: \$7.6 M

Projected In-Service: 11/30/2030

Project Status: Conceptual

Model: 2030



Need Number: PPL-2026-0042

Process Stage: Solution Meeting 09/17/2026

Previously Presented: Need Meeting 08/13/2026

Project Driver: Customer Service

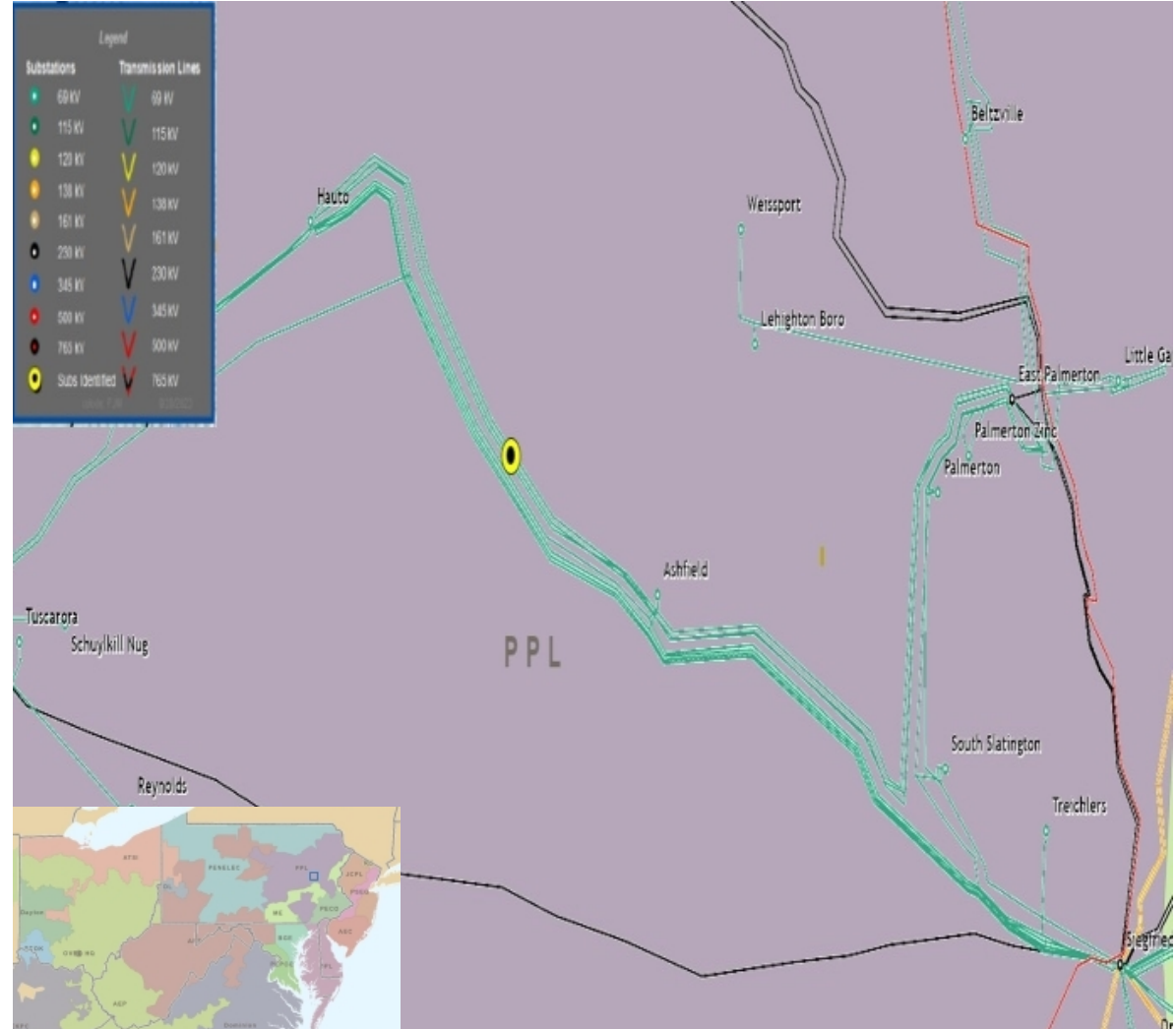
Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Lansford 69-12kV Substation from an additional source to improve operational flexibility and reliability.

Requested in-service 12/1/2029.



PPL Transmission Zone M-3 Process

Lansford Tap

Need number(s): PPL-2026-0042

Process Stage: Solution Meeting 09/17/2026

Proposed Solution:

Lansford Tap

- Tap the existing Frackville-Siegfried #2 69kV line and extend 0.1 miles to the transformer bay 2 position at Lansford 69/12kV substation. Utilize 556 ACSR.

- Estimated Cost: \$1.9 M

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

Lansford Tap

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

Alternatives Considered:

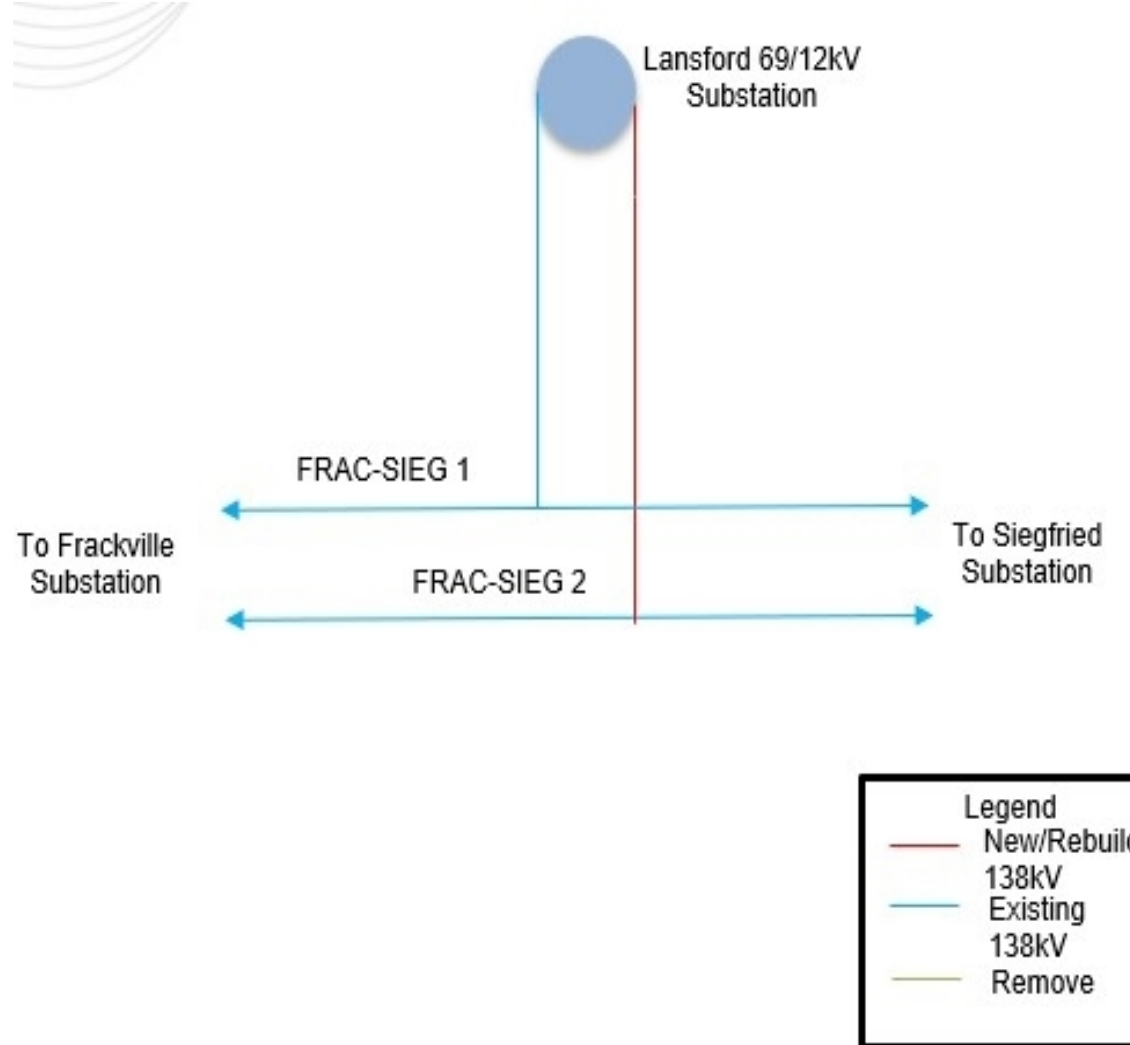
N/A

Transmission Cost Estimate: \$1.9 M

Projected In-Service: 12/01/2029

Project Status: Conceptual

Model: 2030



Need Number: PPL-2026-0043

Process Stage: Solution Meeting 09/17/2026

Previously Presented: Need Meeting 08/13/2026

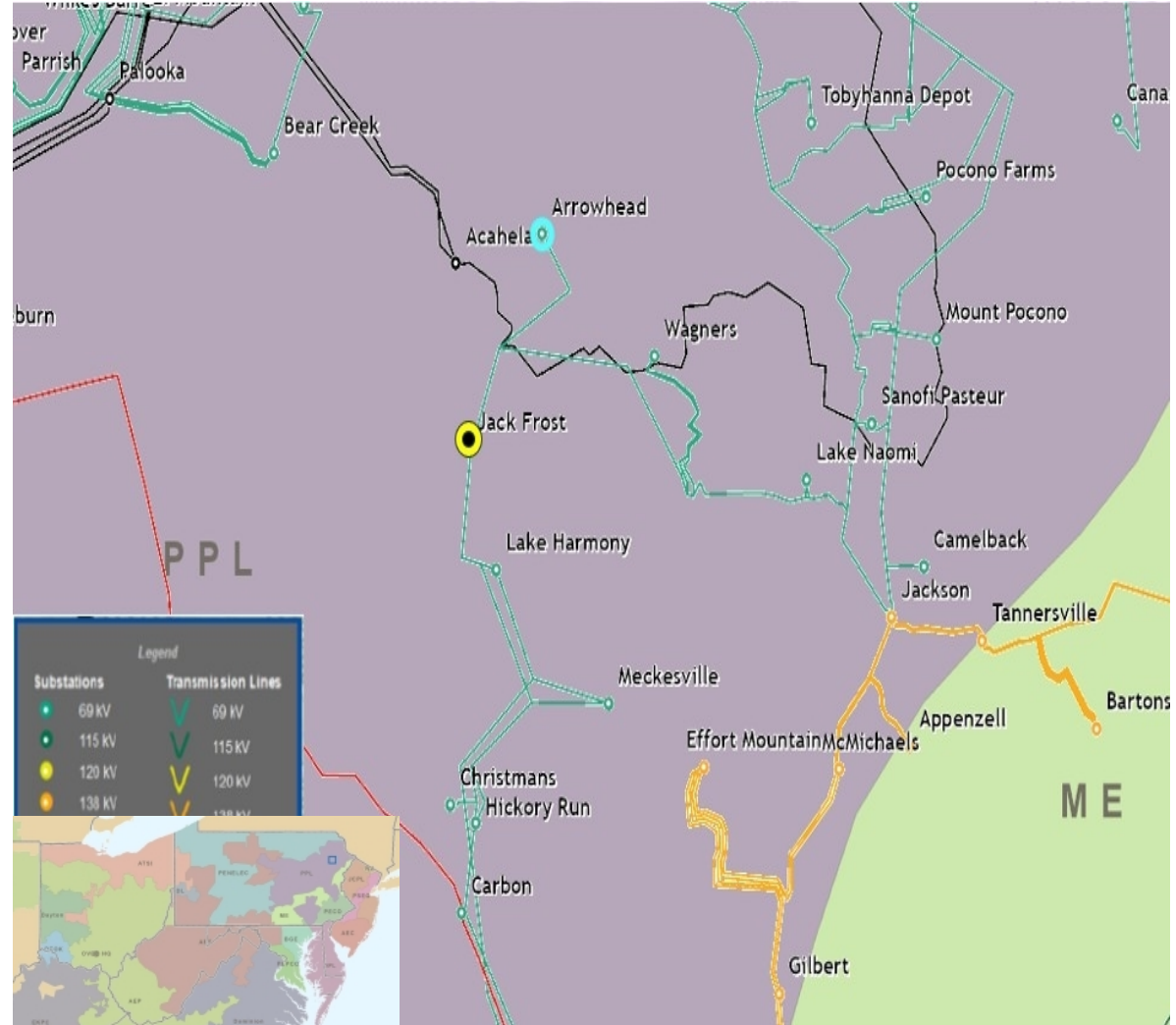
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Jack Frost 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 11/30/2029.



Need number(s): PPL-2026-0043

Process Stage: Solution Meeting 09/17/2026

Proposed Solution:

Jack Frost Tap

- Tap the existing East Palmerton-Acahela #2 69kV line and extend 0.1 miles to the transformer bay 2 position at Jack Frost 69/12kV substation. Utilize 556 ACSR.

- Estimated Cost: \$2.8 M

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

Jack Frost Tap

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

Alternatives Considered:

N/A

Transmission Cost Estimate: \$2.8 M

Projected In-Service: 11/30/2029

Project Status: Conceptual

Model: 2030

