

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

February 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: Supplemental Cumberland, PA

Need Number: PPL-2026-0009

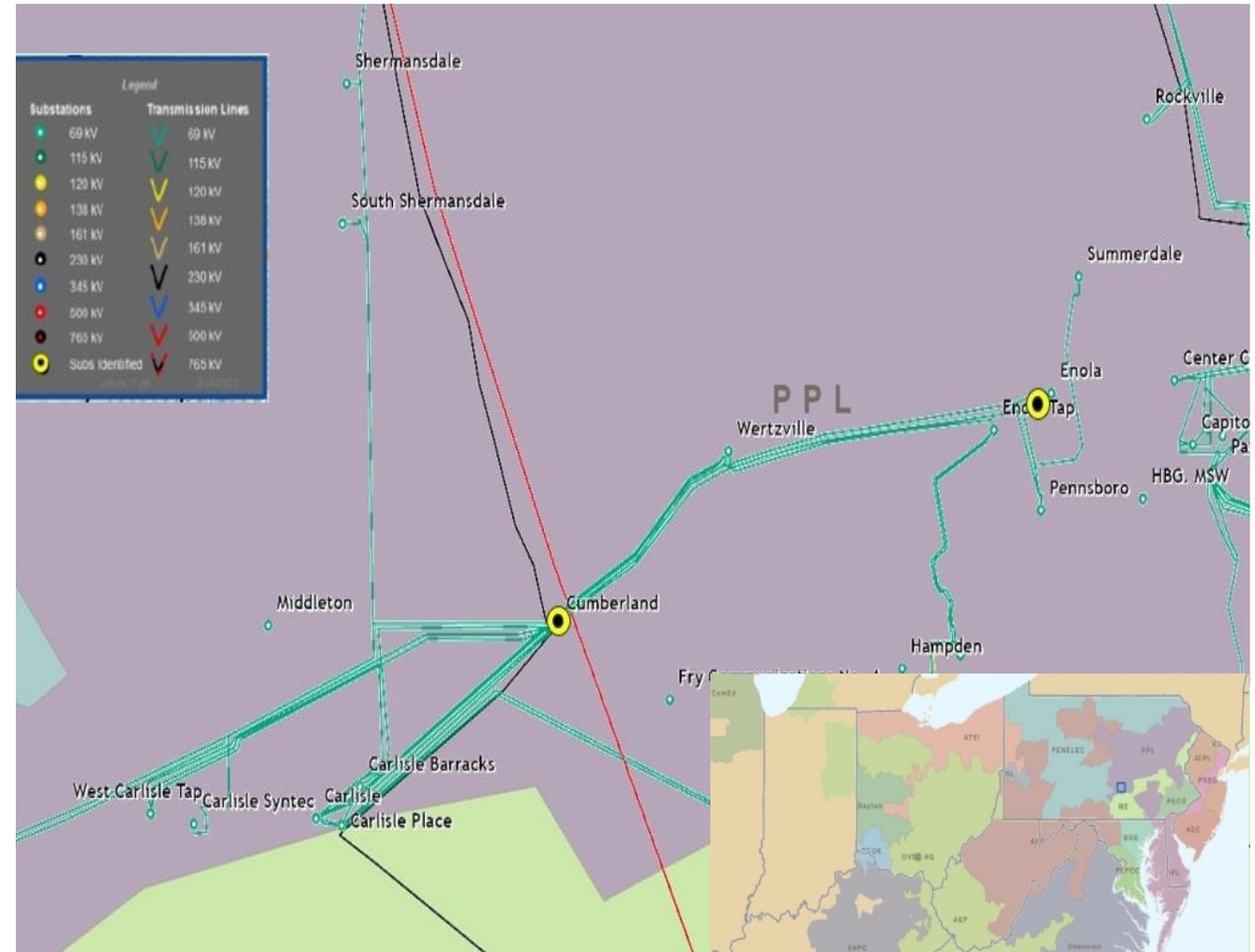
Process Stage: Need Meeting
02/12/2026

Project Driver: Equipment
Condition/Performance/Risk

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

The Cumberland-West Shore 1 & 2 69kV lines (from Cumberland to Enola Tap) are a reliability risk due to poor asset health. The majority of the structures were installed in 1967. Requested in-service date is 6/30/2029





PPL Transmission Zone: Supplemental Berks, PA

Need Number: PPL-2026-0010

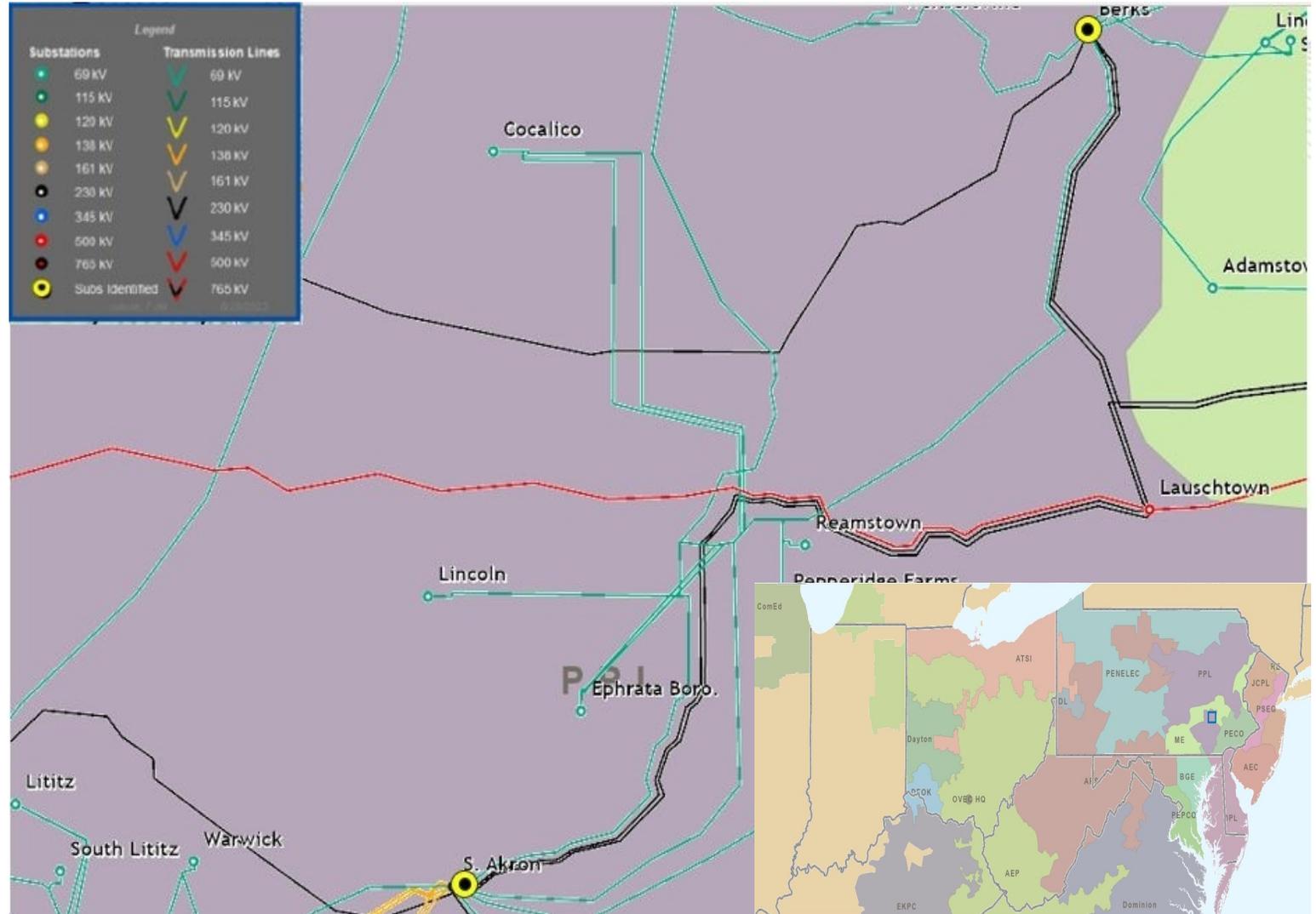
Process Stage: Need Meeting
02/12/2026

Project Driver: Infrastructure
Resilience

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

Reclosures are being added to the Berks-South Akron 2 69kV line to reduce outage exposure. To accommodate additional fiber load, portions of the line will need to be rebuilt. Requested in-service date is 12/31/2028.





PPL Transmission Zone: Supplemental Lock Haven, PA

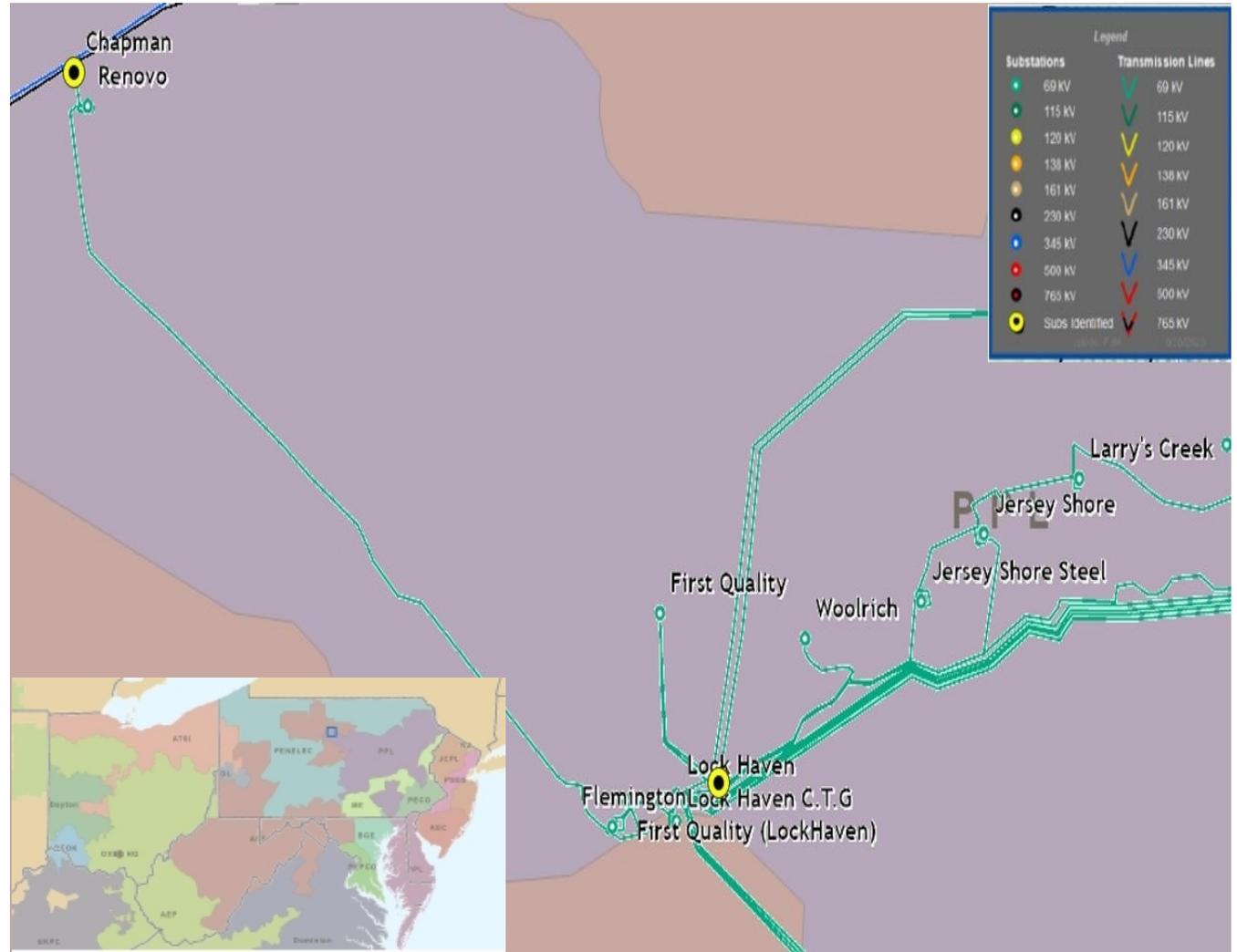
Need Number: PPL-2026-0011
Process Stage: Need Meeting 02/12/2026
Project Driver: Equipment Condition/Performance/Risk
Specific Assumption References: PPL 2026 Annual Assumptions

Problem Statement:

Lock Haven - Renovo 69kV:
 Average age of existing Wood (74.1 years) and Tower (78 years) structures have approached or are nearing expected life, . The existing 1/0 AWG conductor has exceeded its expected age, installed in 1948. The existing shield wire has multiple vintages, the majority installed in 1948.

Renovo - Flemington 69kV:
 The Renovo - Flemington and Lock Haven - Renovo 69kV lines run parallel on double circuit structures for ~0.92 miles. The existing Renovo - Flemington 556 ACSR conductor is approaching its expected age, installed in 1971.

Requested in-service 6/30/2030



PPL Transmission Zone: Supplemental Hughestown, PA

Need Number: PPL-2026-0012

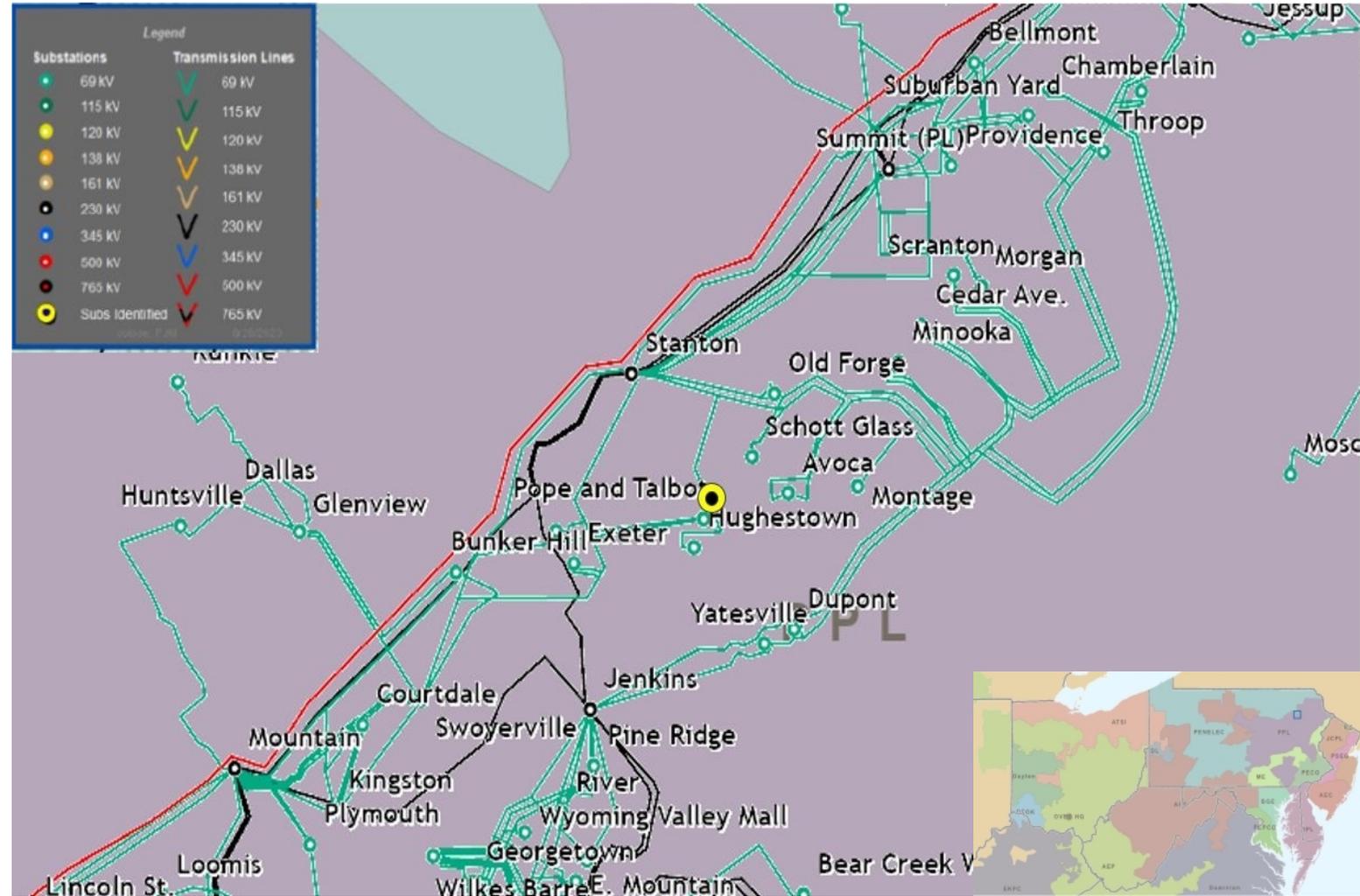
Process Stage: Need Meeting
02/12/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

New Customer is requesting to connect service of 150MW from the 69kV transmission system, in Hughestown, Pennsylvania. Requested in-service 2/28/2029.





PPL Transmission Zone: Supplemental Lake Naomi, PA

Need Number: PPL-2026-0013

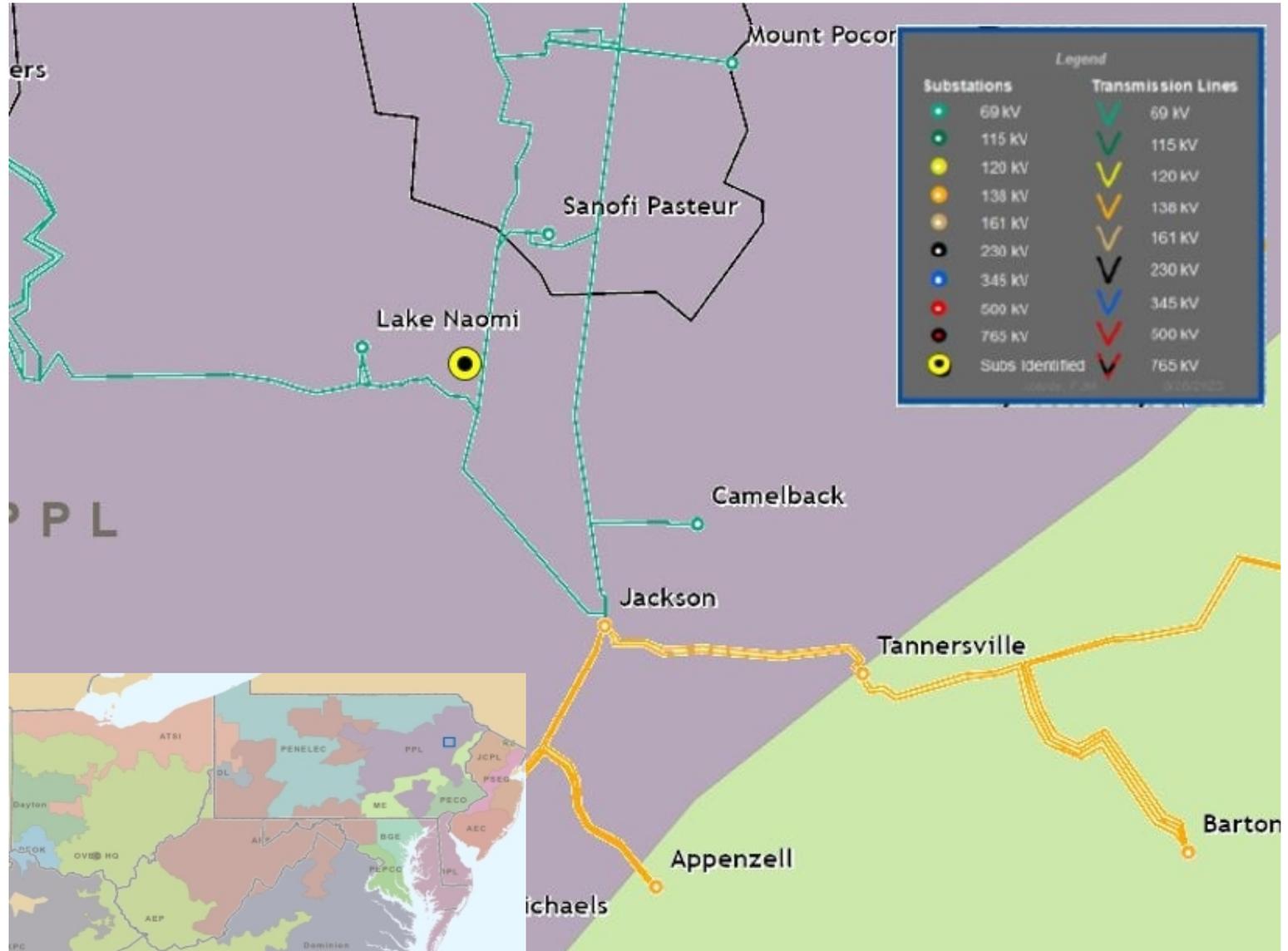
Process Stage: Need Meeting
02/12/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

New Customer is requesting to connect service of 290MW from the 138kV transmission system in Mt Pocono, Pennsylvania. Requested in-service 12/30/2028.



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: Supplemental White Haven, PA

Need Number: PPL-2025-0026

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

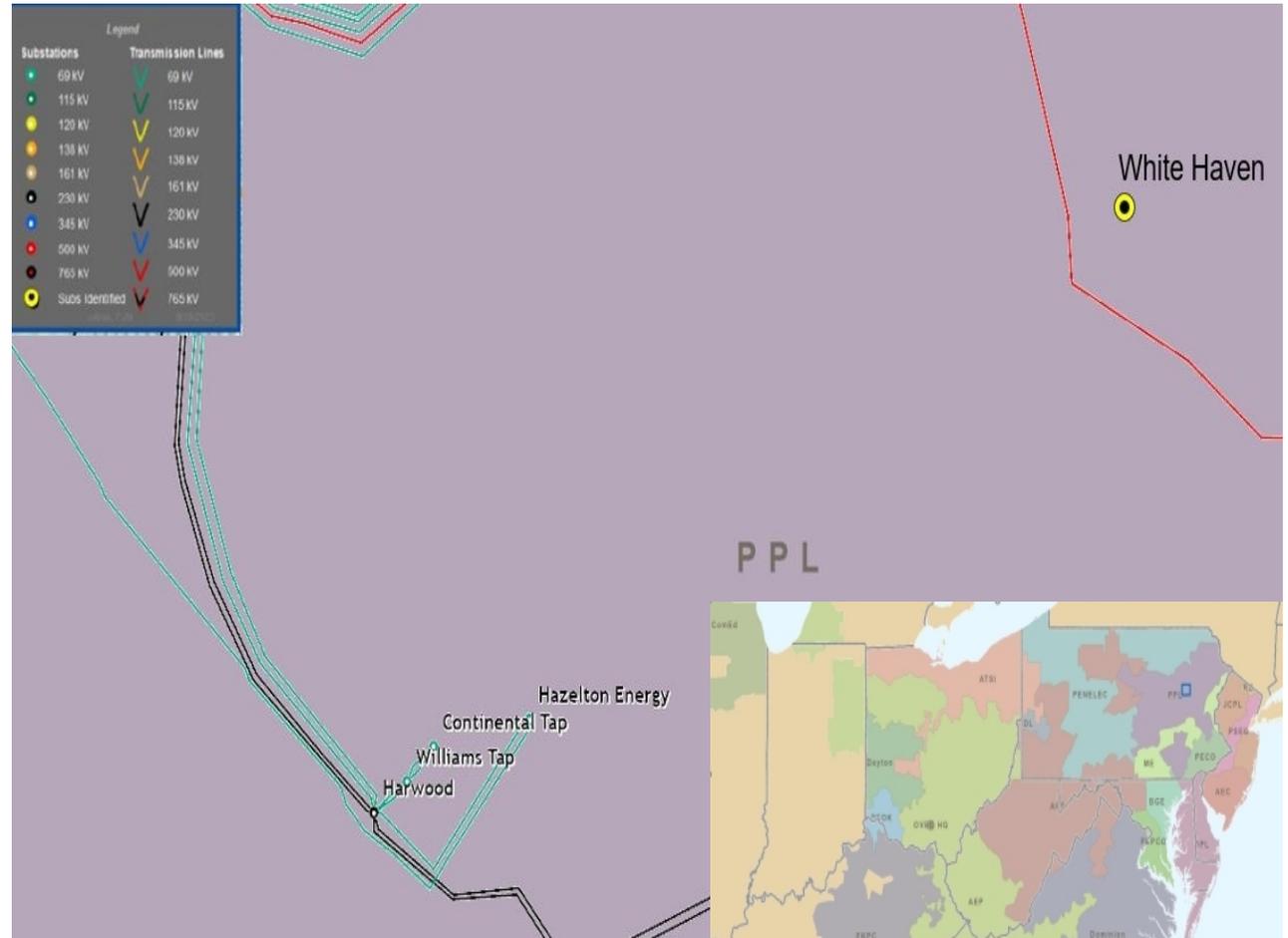
Previously Presented: Need Meeting
12/11/2025

Project Driver: Customer Service

Specific Assumption References:
PPL 2025 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to energize the on-site spare transformer at White Haven 69-12kV Substation to improve operational flexibility and reliability. Requested in-service 12/2026.





PPL Transmission Zone: Supplemental White Haven, PA

Need number(s): PPL-2025-0026

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

White Haven Tap: Extend Harwood - East Hazleton 2 0.1 miles from first structure outside of station, into transformer 2 bay position. Utilizing 556 ACSR. . Estimated Cost: \$0.3 M

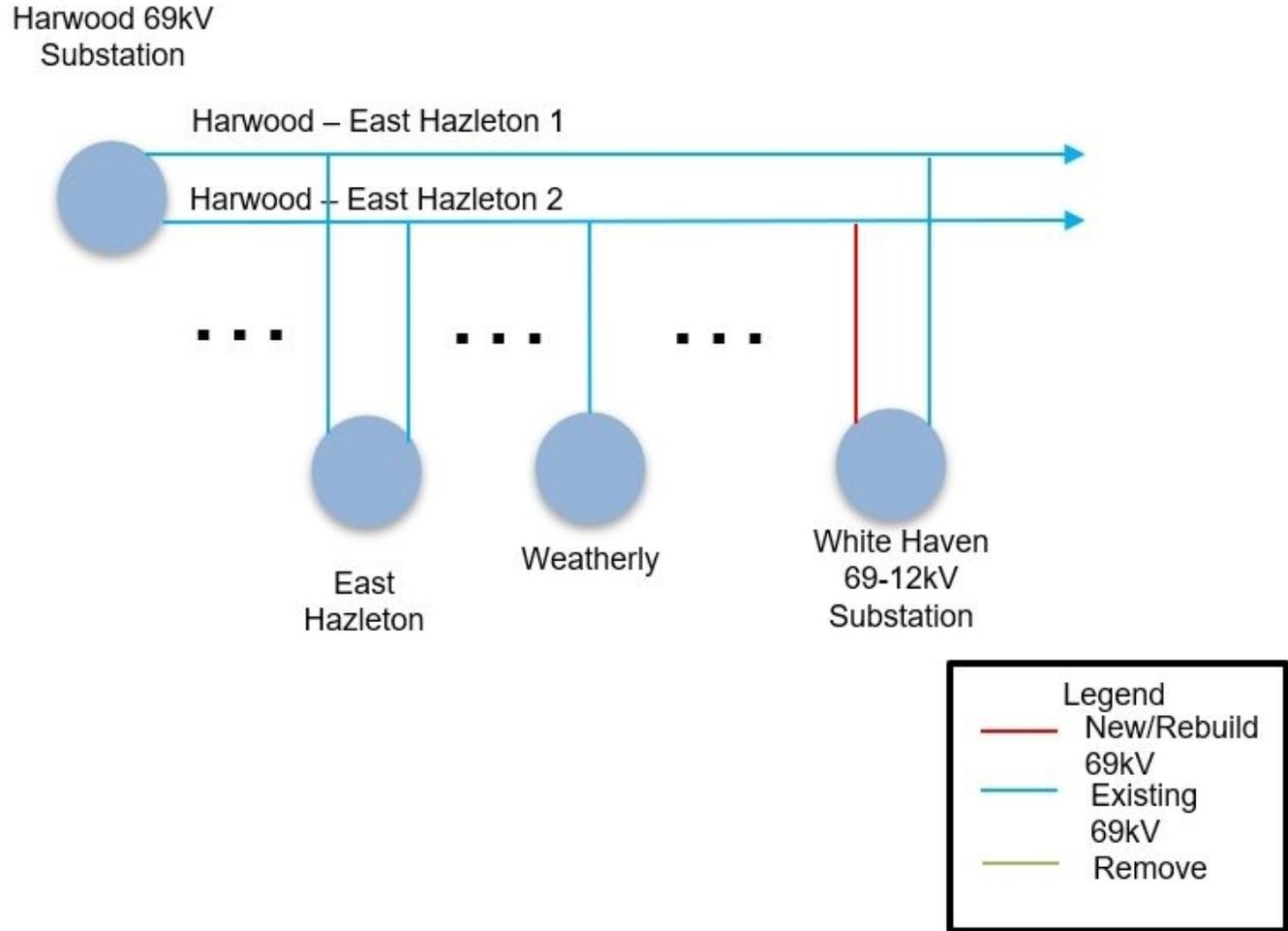
Transmission Cost Estimate: \$0.3 M

Alternatives Considered:

N/A

Projected In-Service: 12/01/2026

Project Status: Engineering



PPL Transmission Zone: Supplemental Bear Creek, PA

Need Number: PPL-2025-0027

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

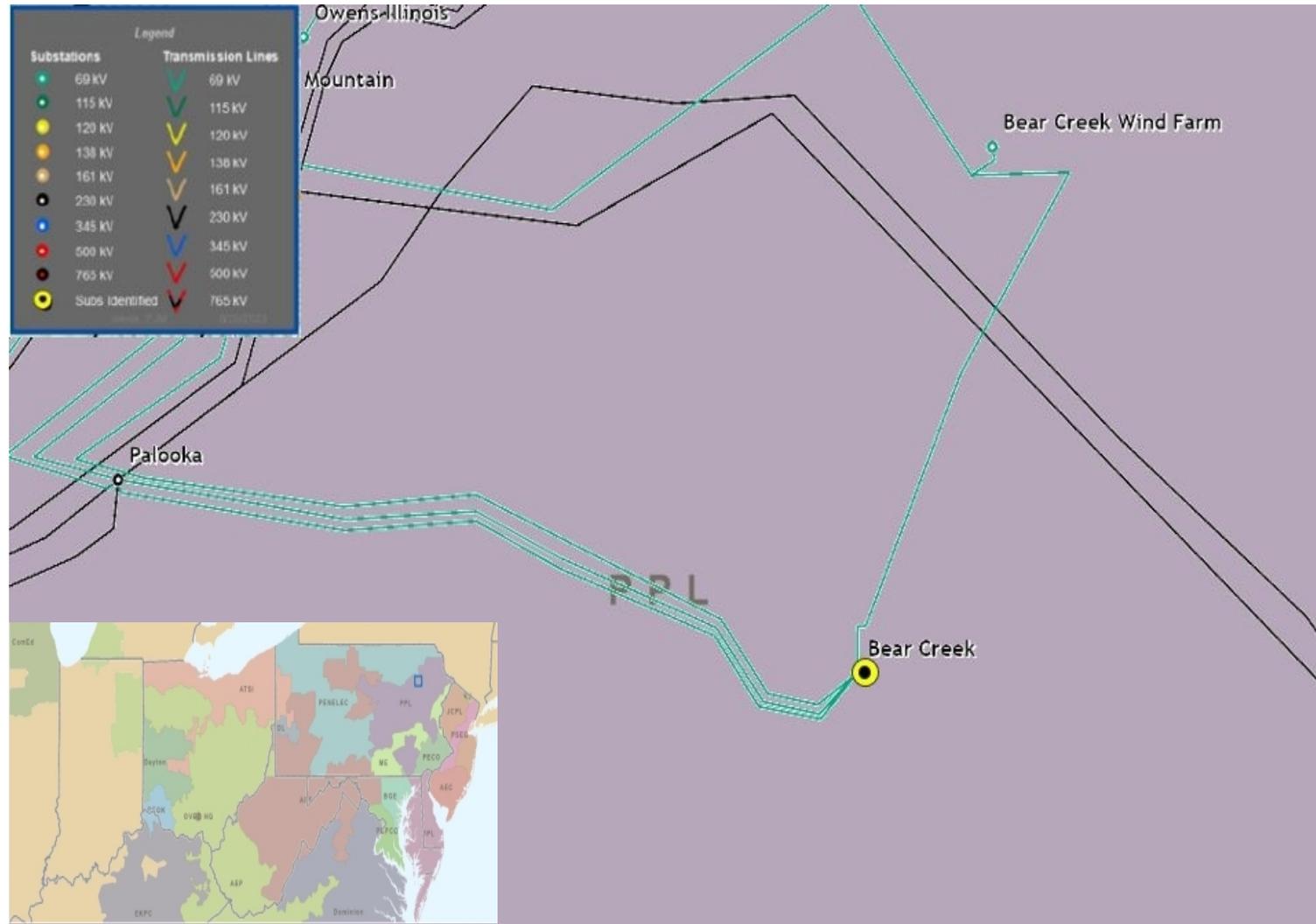
Previously Presented: Need Meeting
12/11/2025

Project Driver: Customer Service

Specific Assumption References:
PPL 2025 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to energize the on-site spare transformer at Bear Creek 69-12kV Substation to improve operational flexibility and reliability. Requested in-service 11/2028.



Need number(s): PPL-2025-0027

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Bear Creek Tap: Extend The Palooka-Jenkins 2 69kV Bear Creek Tap 2.3 miles and bring into the Bear Creek 69-12kV Substation, into transformer 2 bay position. Utilizing 556 ACSR. .

Estimated Cost: \$8 M

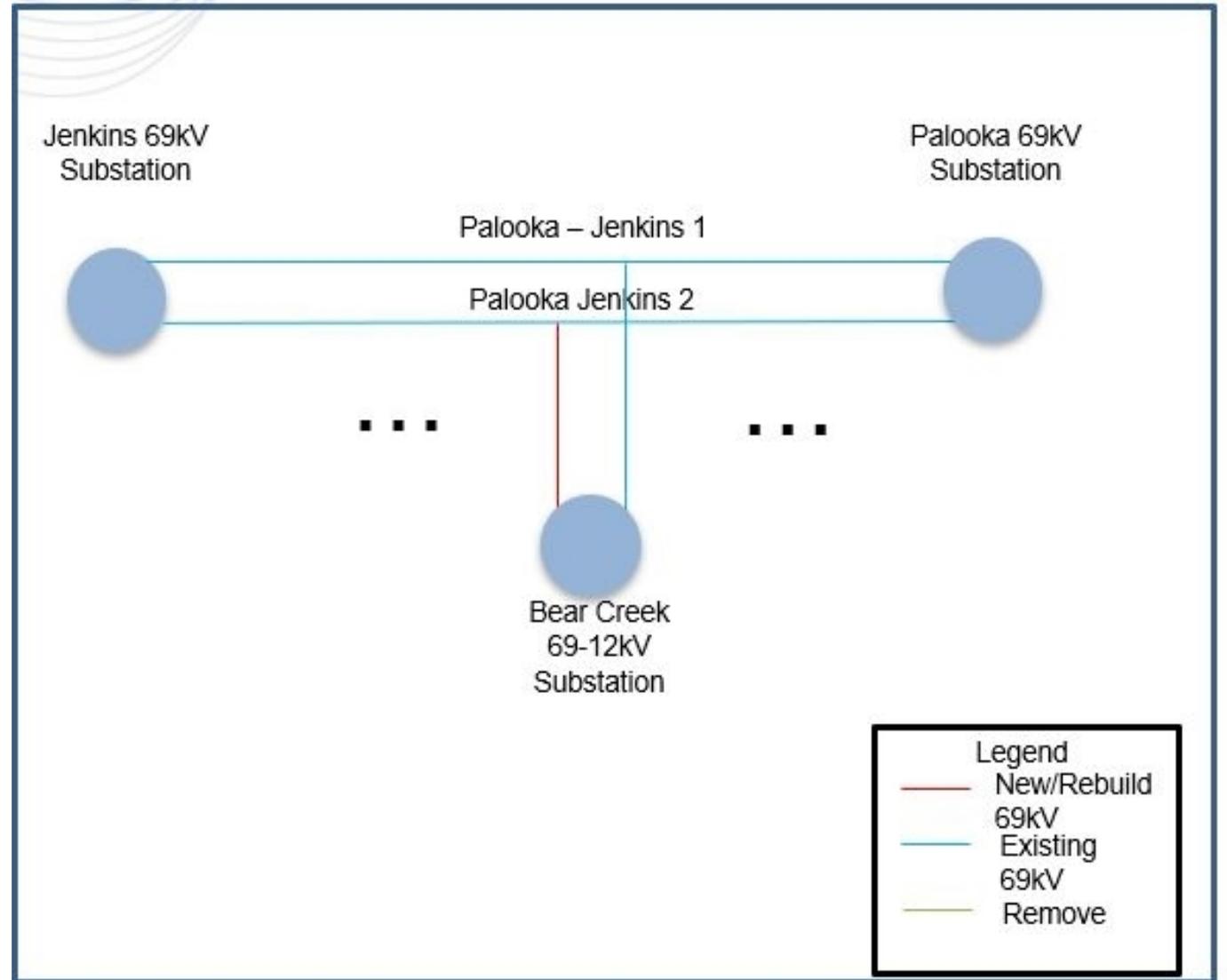
Transmission Cost Estimate: \$8 M

Alternatives Considered:

N/A

Projected In-Service: 11/30/2028

Project Status: Conceptual



Need Number: PPL-2025-0028

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

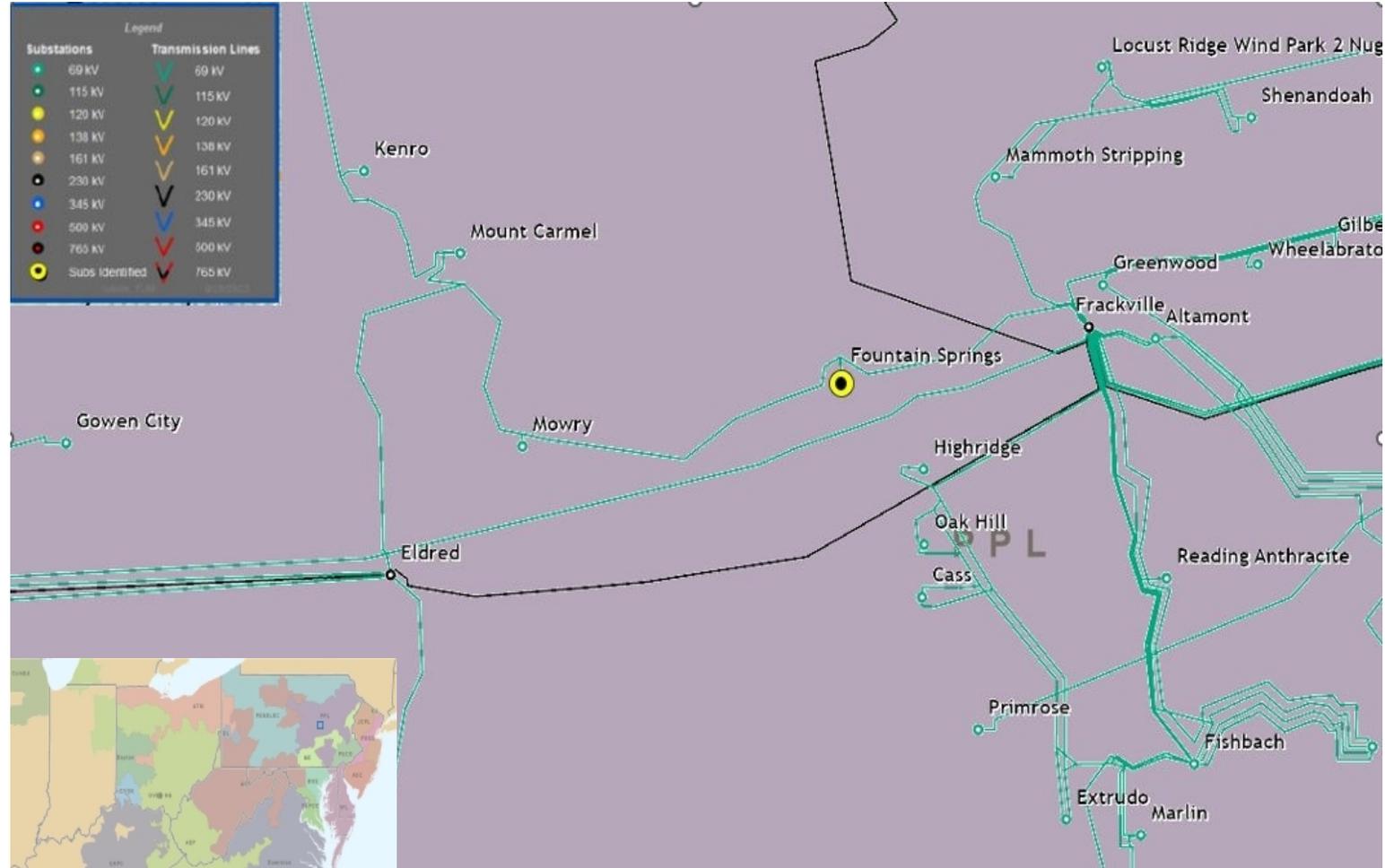
Previously Presented: Need Meeting
12/11/2025

Project Driver: Customer Service

Specific Assumption References:
PPL 2025 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to energize the on-site spare transformer at Fountain Springs 69-12kV Substation to improve operational flexibility and reliability. Requested in-service 11/2028.





PPL Transmission Zone: Supplemental Fountain Springs, PA

Need number(s): PPL-2025-0028

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Fountain Spring Tap: Extend The Frackville - Mowry 69kV line 0.1 miles and bring into the Fountain springs Creek 69-12kV Substation, into transformer 1 bay position. Utilizing 556 ACSR. . Estimated Cost: \$1.6 M

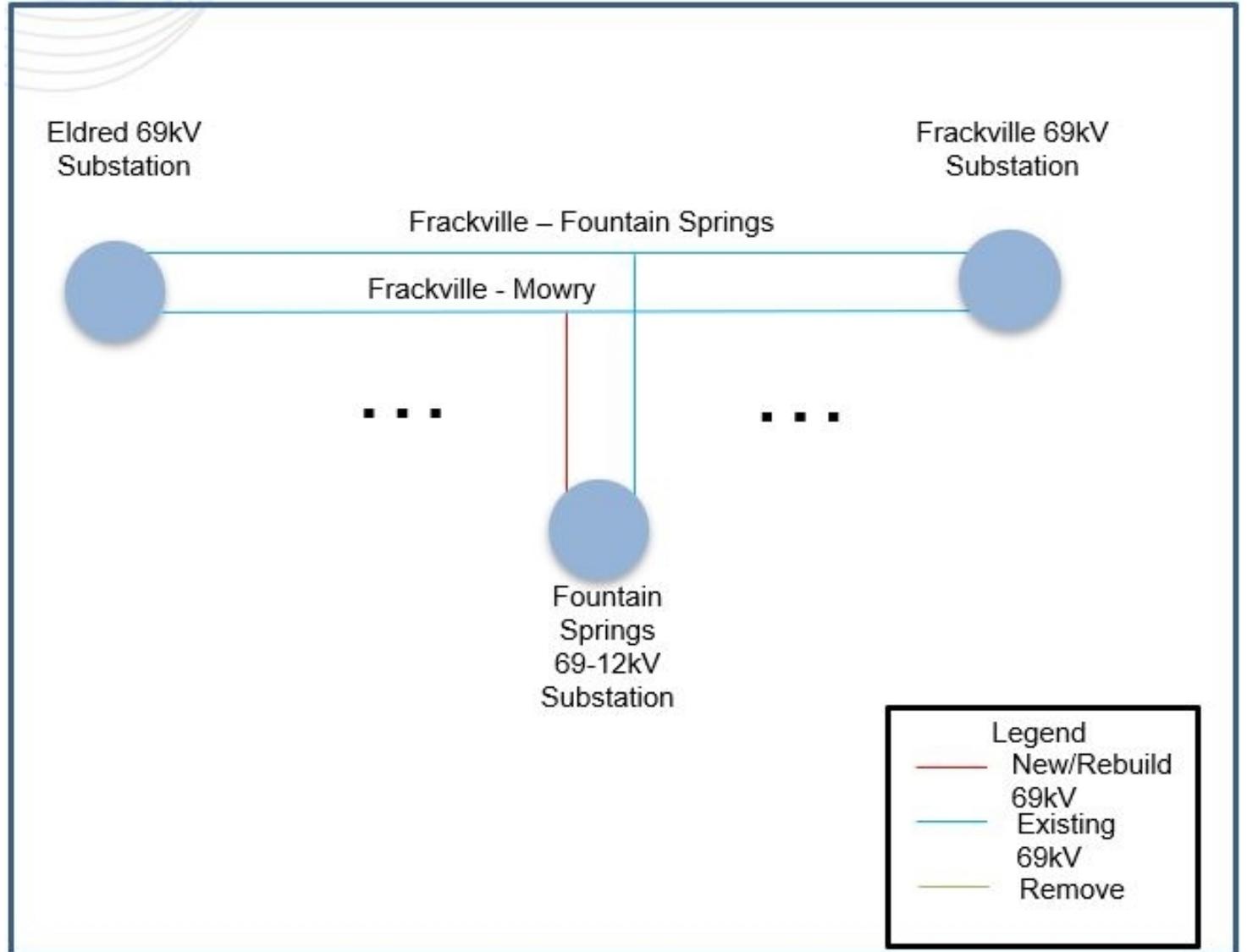
Transmission Cost Estimate: \$1.6 M

Alternatives Considered:

N/A

Projected In-Service: 11/30/2028

Project Status: Conceptual



Need Number: PPL-2025-0029

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

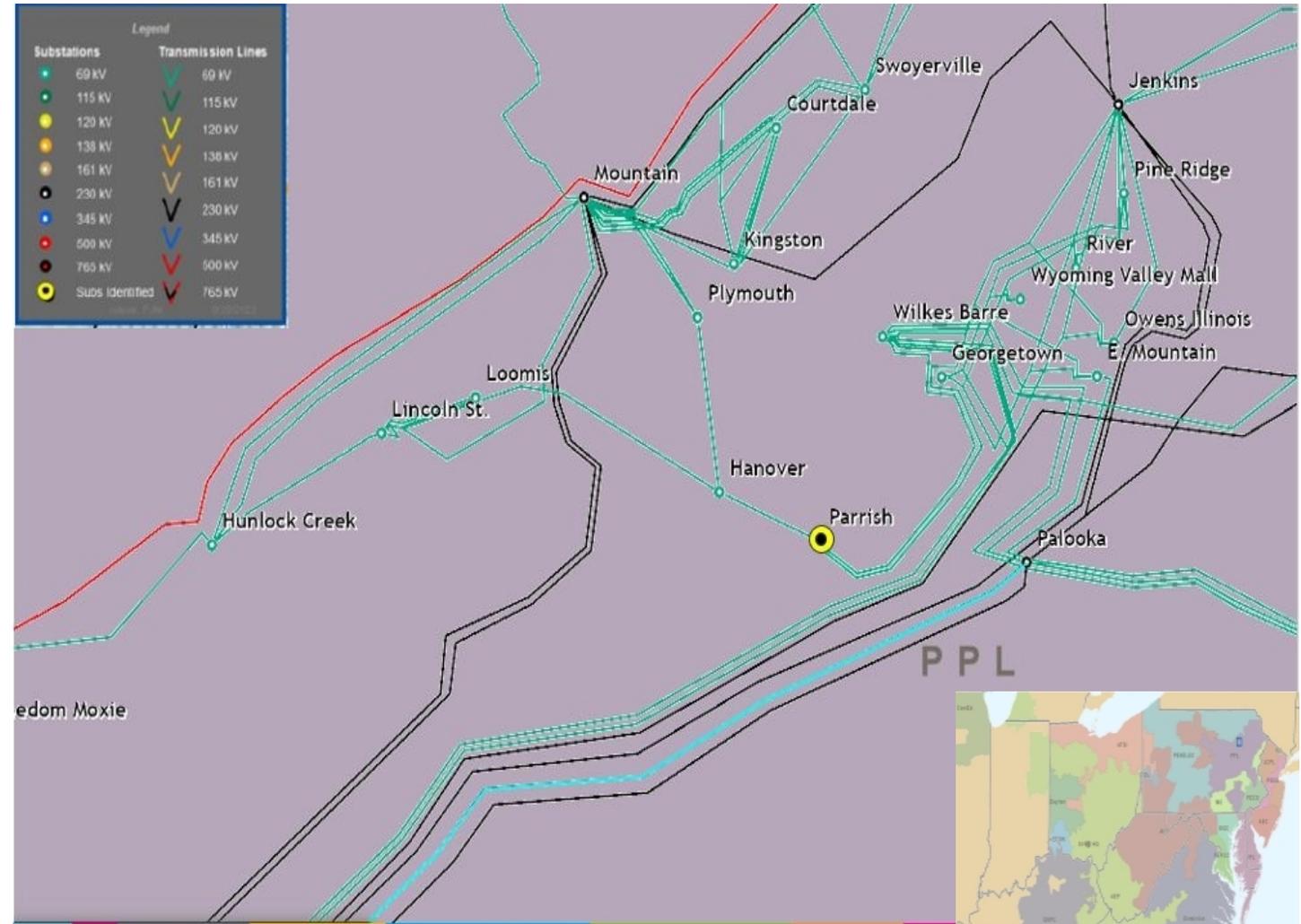
Previously Presented: Need Meeting
12/11/2025

Project Driver: Customer Service

Specific Assumption References:
PPL 2025 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to energize the on-site spare transformer at Parrish 69-12kV Substation to improve operational flexibility and reliability.
Requested in-service 11/2028





PPL Transmission Zone: Supplemental Parrish, PA

Need number(s): PPL-2025-0029

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Parrish Tap: Extend Parrish Tap from Harwood-Palooka-Hanover 1 69kV 0.1 miles and bring into the Parrish 69-12kV Substation, into transformer 2 bay position. Utilizing 556 ACSR. .

Estimated Cost: \$0.3 M

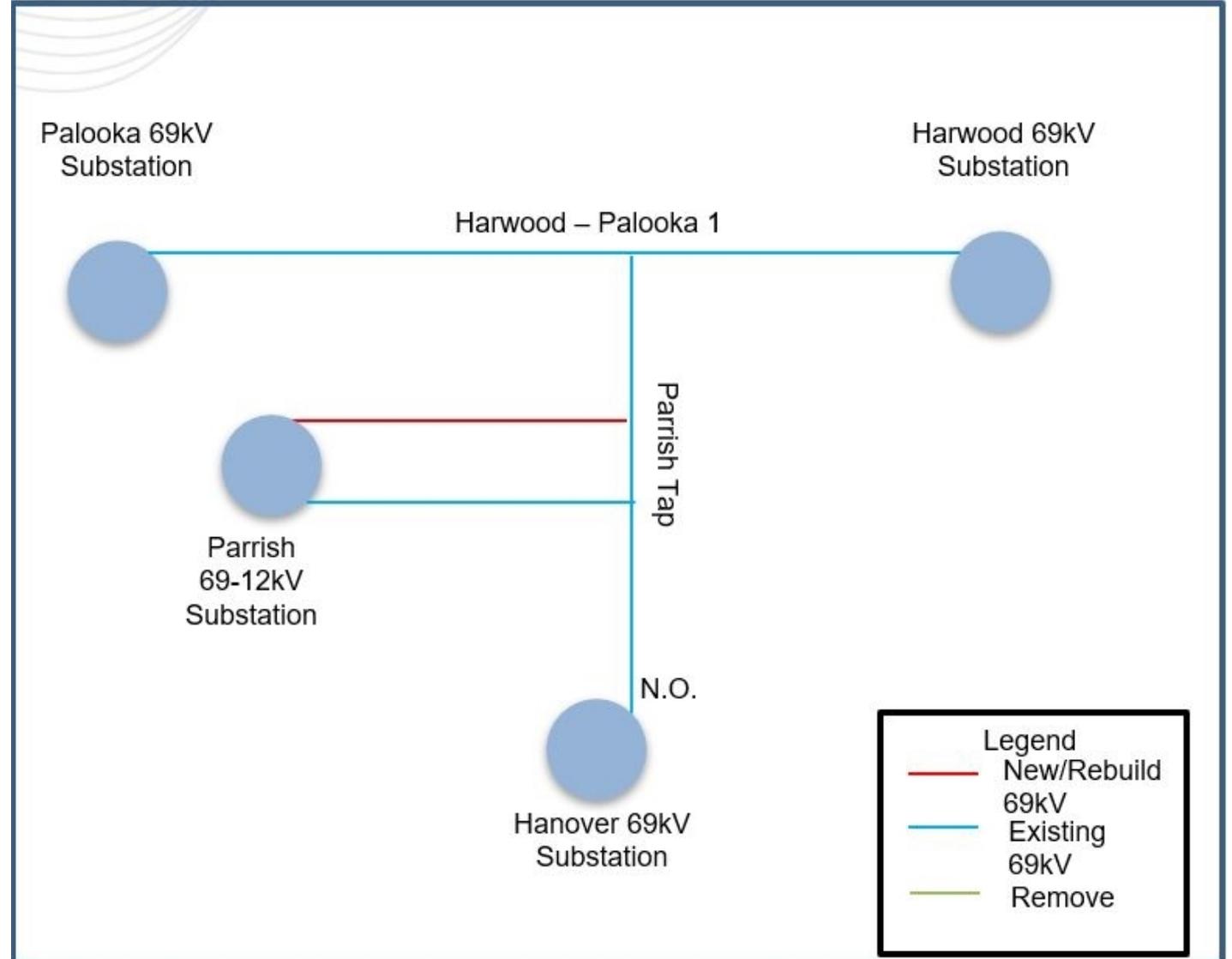
Transmission Cost Estimate: \$0.3 M

Alternatives Considered:

NA

Projected In-Service: 11/30/2028

Project Status: Conceptual





PPL Transmission Zone: Supplemental Mausdale, PA

Need Number: PPL-2025-0030

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

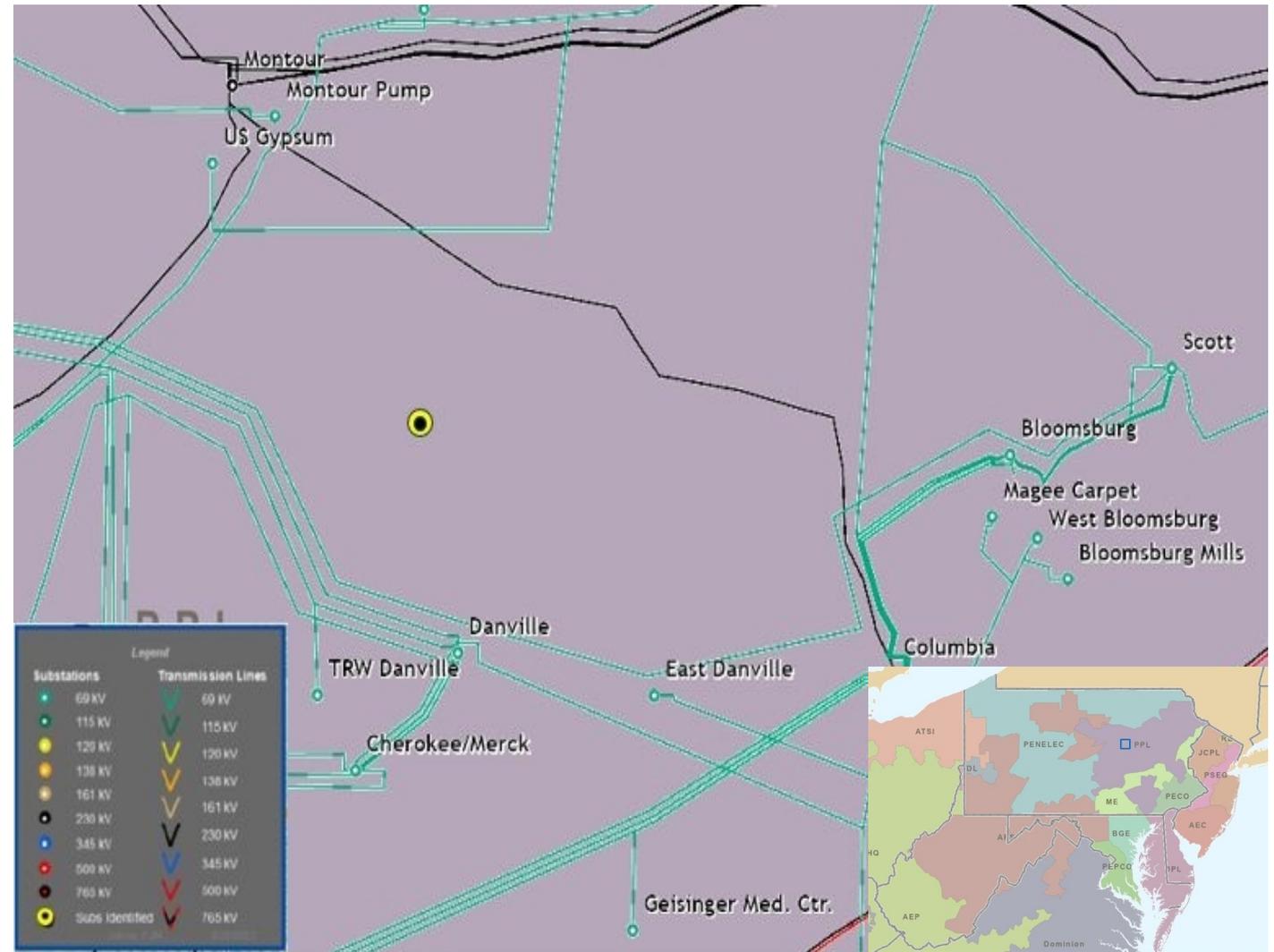
Previously Presented: Need Meeting
12/11/2025

Project Driver: Customer Service

Specific Assumption References:
PPL 2025 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to service to a new 69-12kV Substation (Mausdale) in Danville, Pennsylvania. The substation is to alleviate existing overloaded distribution feeders and provide operational flexibility. Requested in-service 3/2028.





PPL Transmission Zone: Supplemental Mausdale, PA

Need number(s): PPL-2025-0030

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Mausdale Tap: Install new Mausdale 69-12kV substation with two 0.8 mile tap lines utilizing 556 ACSR along the Sunbury-Columbia 1&2 lines. .

Estimated Cost: \$3.6 M

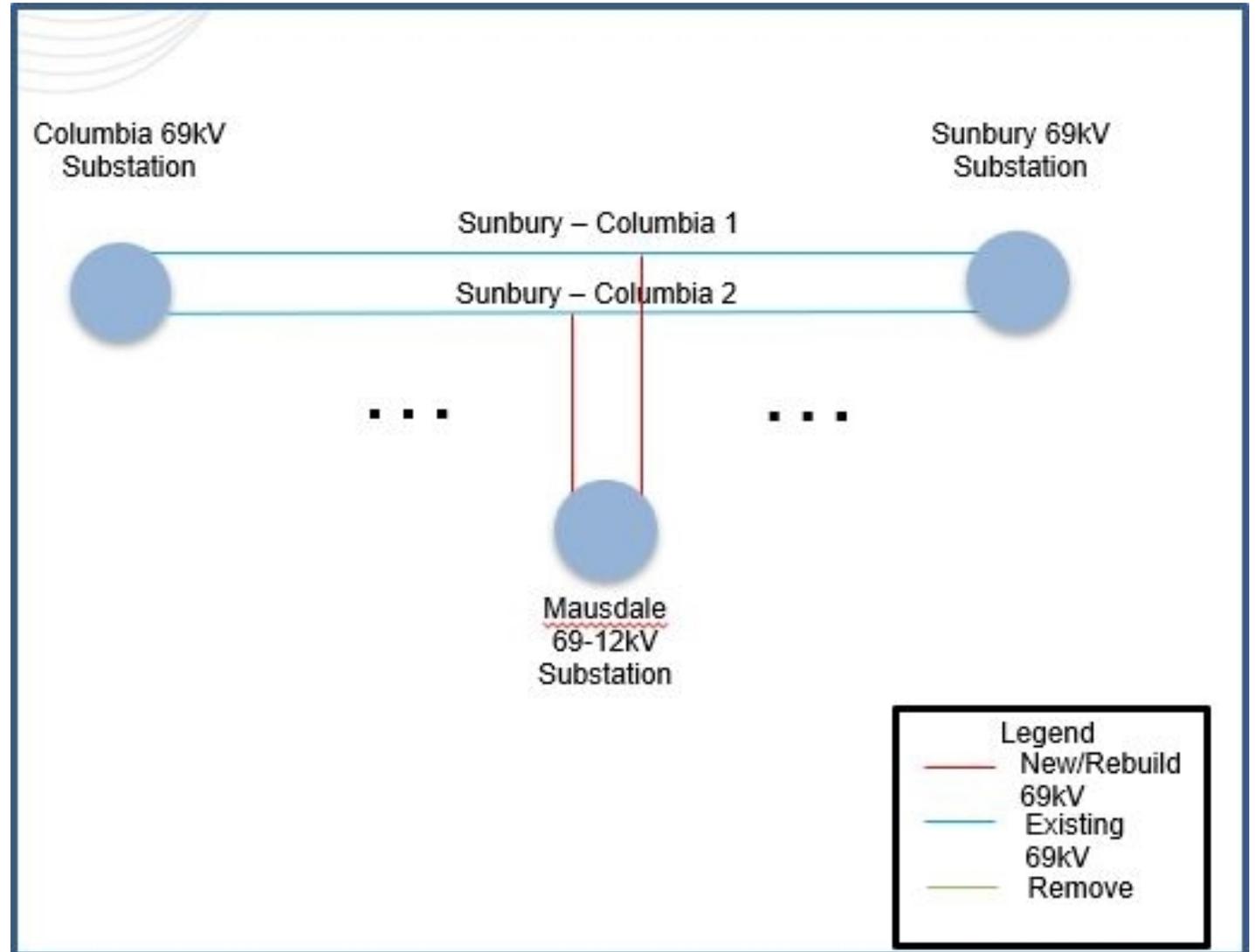
Transmission Cost Estimate: \$3.6 M

Alternatives Considered:

N/A

Projected In-Service: 03/30/2028

Project Status: Engineering



Need Number: PPL-2026-0005

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

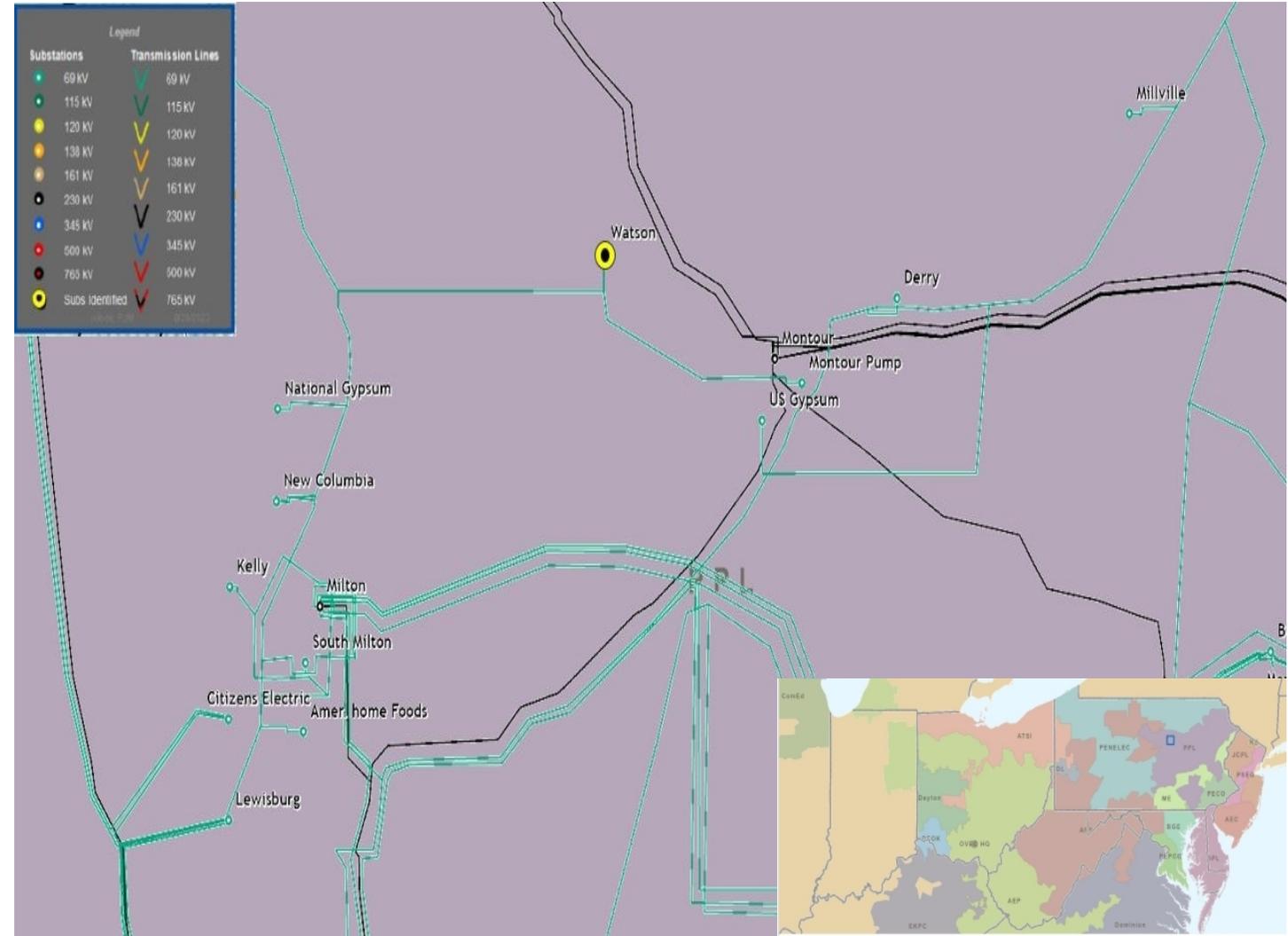
Previously Presented: Need Meeting
01/15/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Watson 69-12kV Substation from an additional independent source to improve operational flexibility and reliability. Requested in-service 4/1/2027.





PPL Transmission Zone: Supplemental Watson, PA

Need number(s): PPL-2026-0005

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Watson Tap: Extend The Clinton-Milton 1 69kV Watson Tap 0.1 miles utilizing 556 ACSR and bring into the Watson 69-12kV Substation, into transformer 1 bay position. . Estimated Cost: \$0.5 M

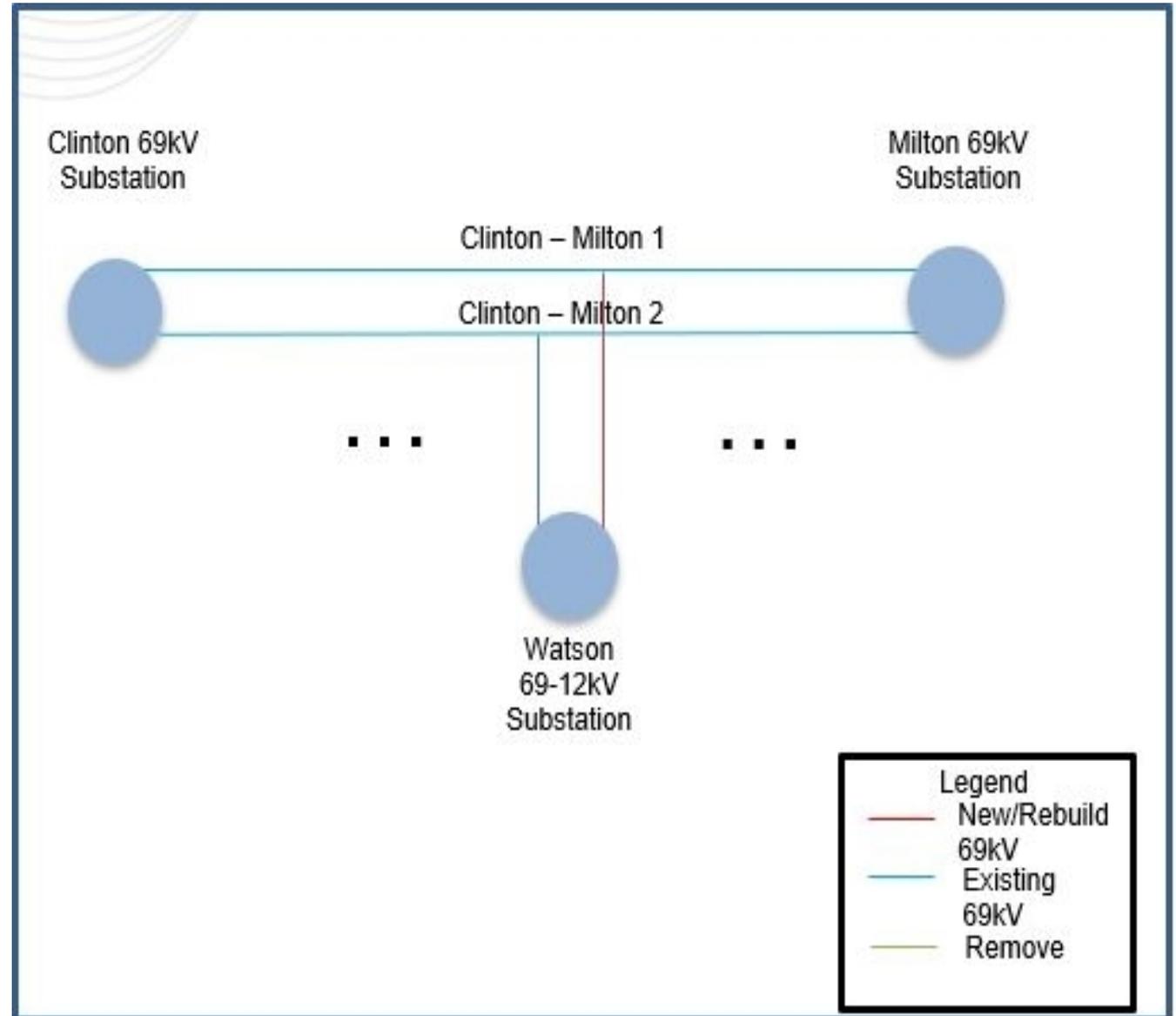
Transmission Cost Estimate: \$0.5 M

Alternatives Considered:

N/A

Projected In-Service: 04/01/2027

Project Status: Conceptual



Need Number: PPL-2026-0007

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

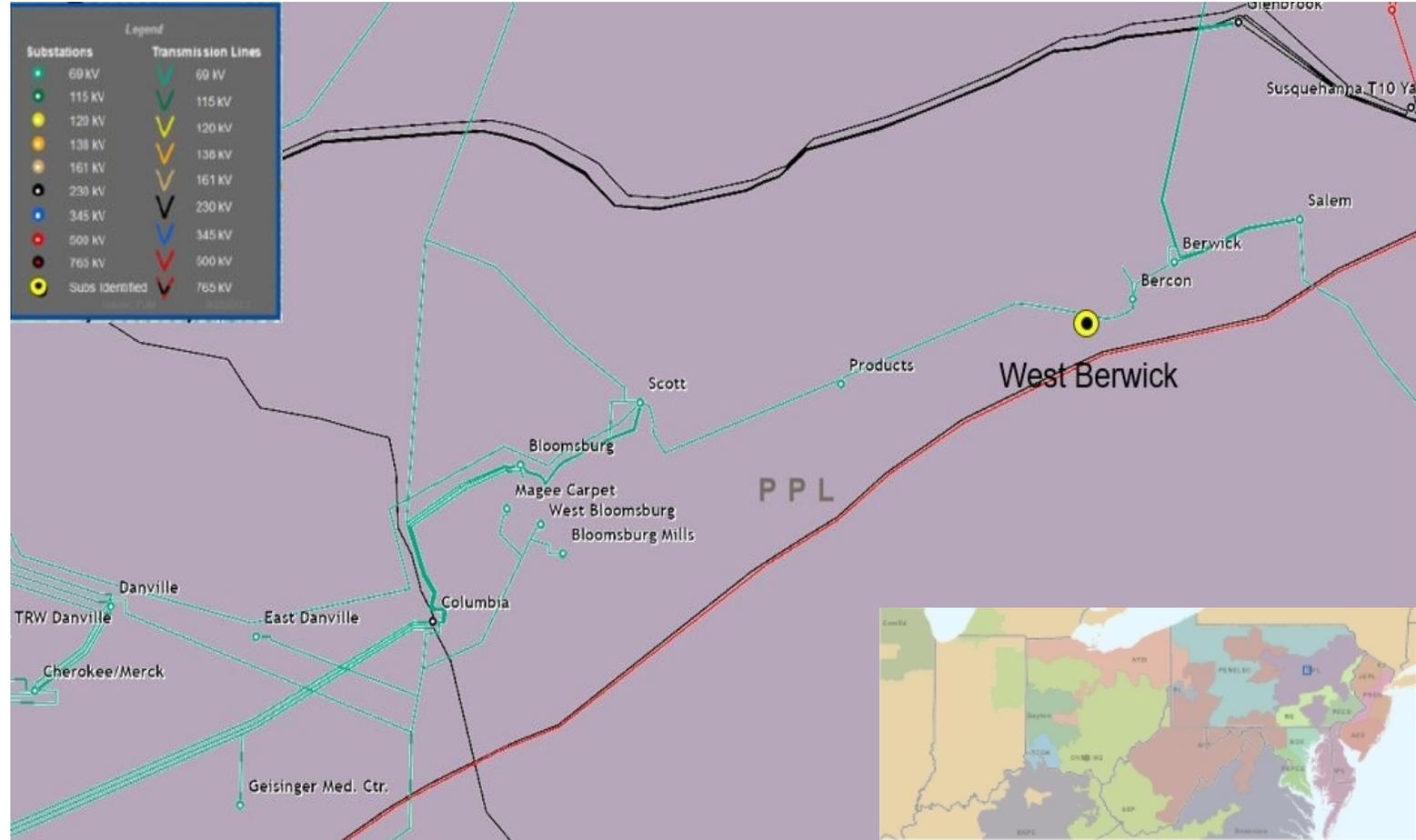
Previously Presented: Need Meeting
01/15/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

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





PPL Transmission Zone: Supplemental West Berwick, PA

Need number(s): PPL-2026-0007

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

West Berwick Tap: Extend The Columbia-Glen Brook 2 69kV West Berwick Tap 0.1 miles utilizing 556 ACSR and bring into the West Berwick 69-12kV Substation, into transformer 2 bay position.. Estimated Cost: \$0.1 M

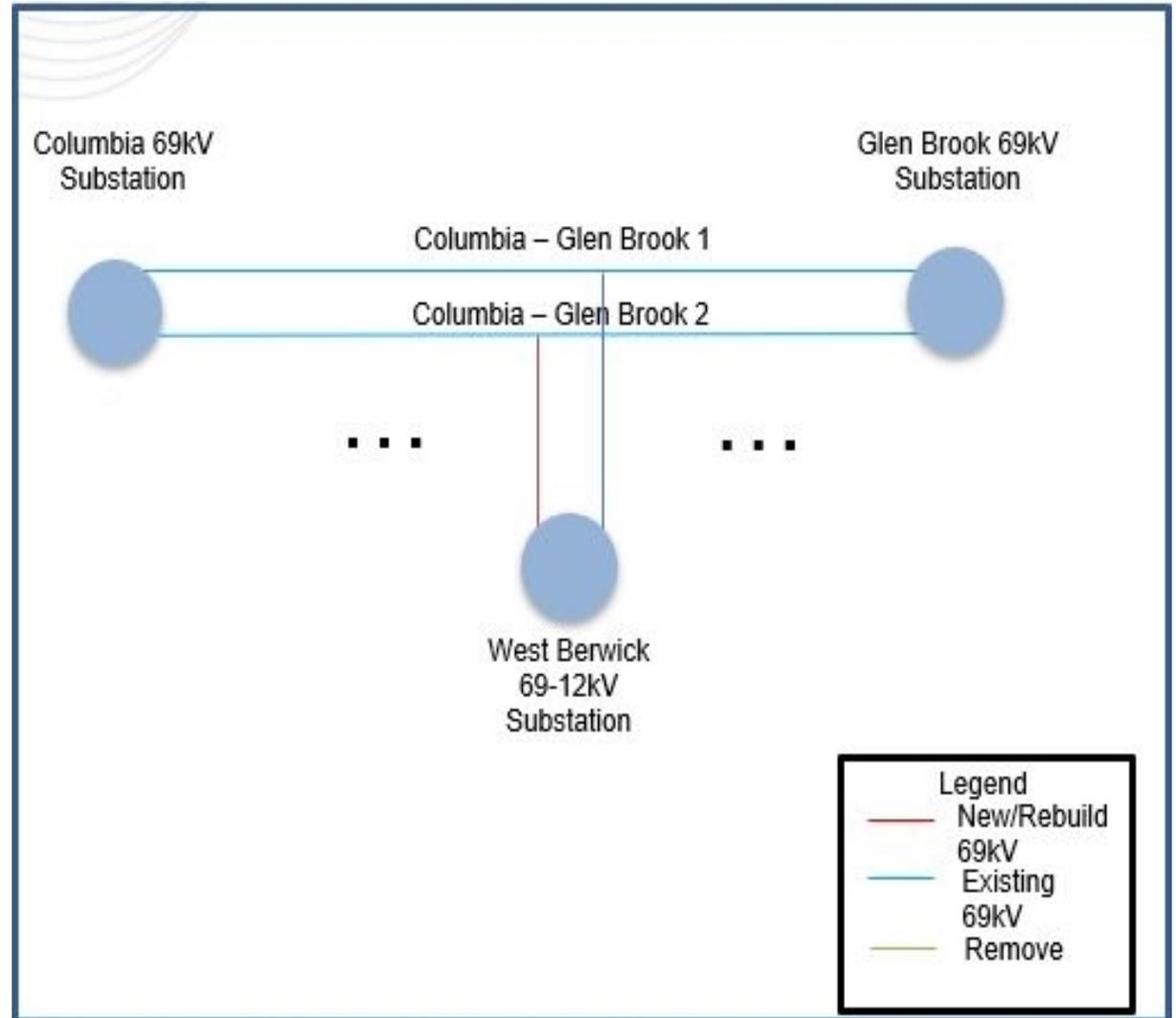
Transmission Cost Estimate: \$0.1 M

Alternatives Considered:

N/A

Projected In-Service: 11/30/2028

Project Status: Conceptual



Need Number: PPL-2026-0008

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

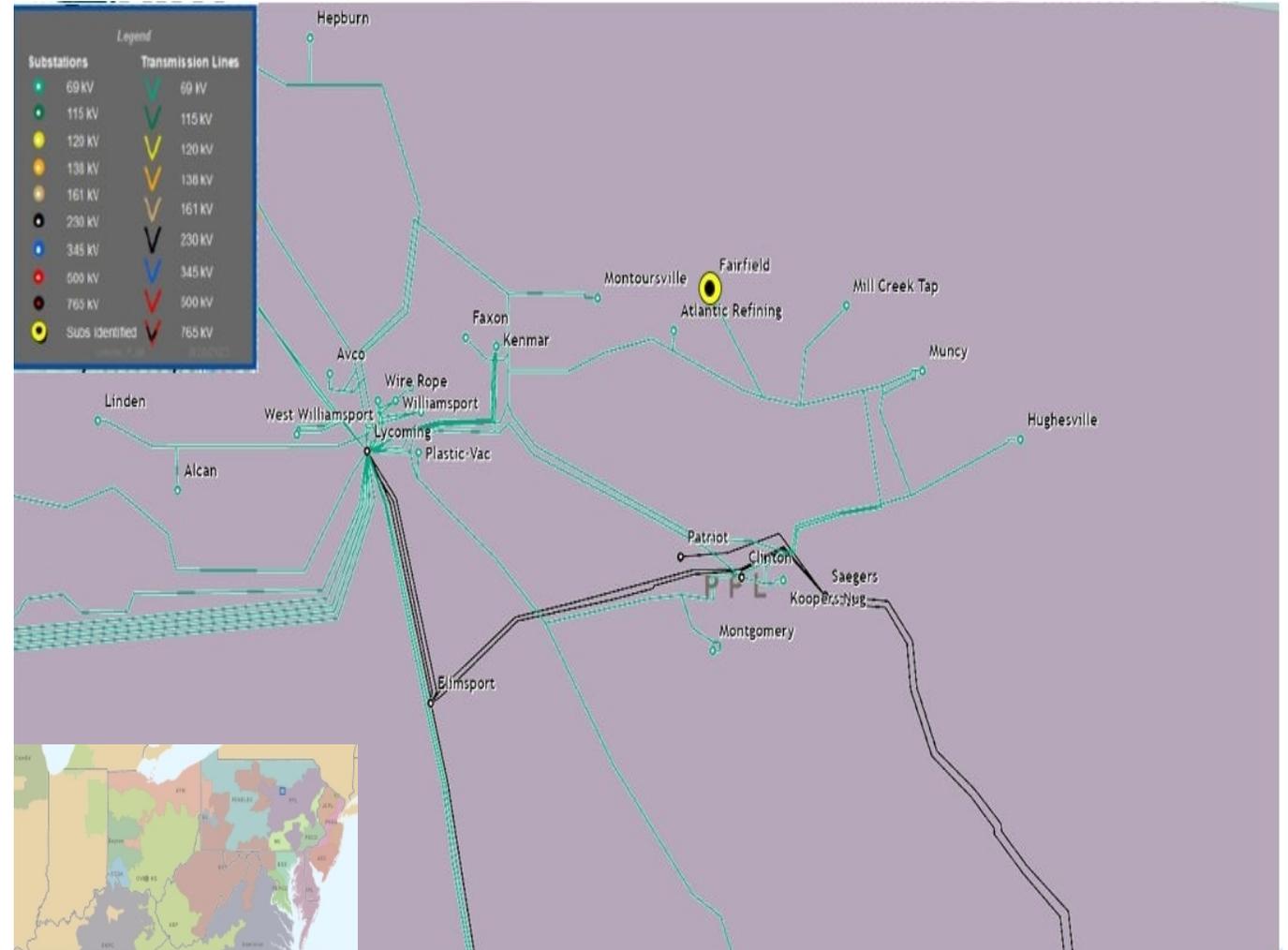
Previously Presented: Need Meeting
01/15/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to energize the on-site spare transformer at Fairfield 69-12kV Substation to improve operational flexibility and reliability. Requested in-service 10/8/2028.





PPL Transmission Zone: Supplemental Fairfield, PA

Need number(s): PPL-2026-0008

Process Stage: Solution Meeting
SRRTEP-MA - 02/12/2026

Proposed Solution:

Fairfield Tap: Extend The Lycoming 2 - Muncy-Tie 69kV Fairfield Tap 0.1 miles utilizing 556 ACSR and bring into the Fairfield 69-12kV Substation, into transformer 2 bay position.. Estimated Cost: \$0.2 M

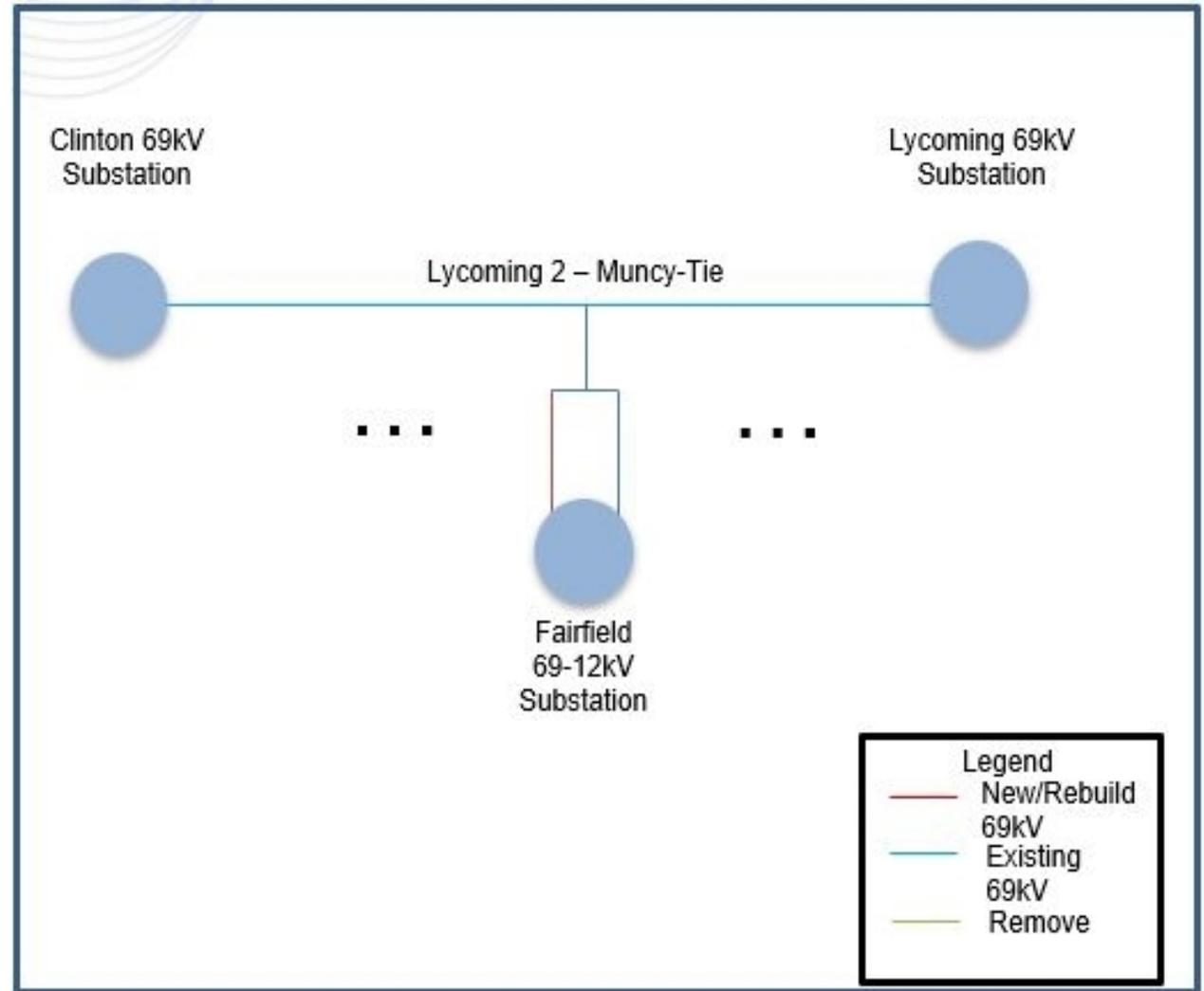
Transmission Cost Estimate: \$0.2 M

Alternatives Considered:

N/A

Projected In-Service: 10/08/2028

Project Status: Conceptual



Appendix

High level M-3 Meeting Schedule

Assumptions	Activity	Timing
	Posting of TO Assumptions Meeting information	20 days before Assumptions Meeting
	Stakeholder comments	10 days after Assumptions Meeting
Needs	Activity	Timing
	TOs and Stakeholders Post Needs Meeting slides	10 days before Needs Meeting
	Stakeholder comments	10 days after Needs Meeting
Solutions	Activity	Timing
	TOs and Stakeholders Post Solutions Meeting slides	10 days before Solutions Meeting
	Stakeholder comments	10 days after Solutions Meeting
Submission of Supplemental Projects & Local Plan	Activity	Timing
	Do No Harm (DNH) analysis for selected solution	Prior to posting selected solution
	Post selected solution(s)	Following completion of DNH analysis
	Stakeholder comments	10 days prior to Local Plan Submission for integration into RTEP
	Local Plan submitted to PJM for integration into RTEP	Following review and consideration of comments received after posting of selected solutions

Revision History

1/5/2026 – V1 – Original version posted to pjm.com