

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

March 18th, 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 Electric Utilities

PPL Transmission Zone: Supplemental Woolrich, PA

Need Number: PPL-2026-0006

Process Stage: Need Meeting

03/18/2026

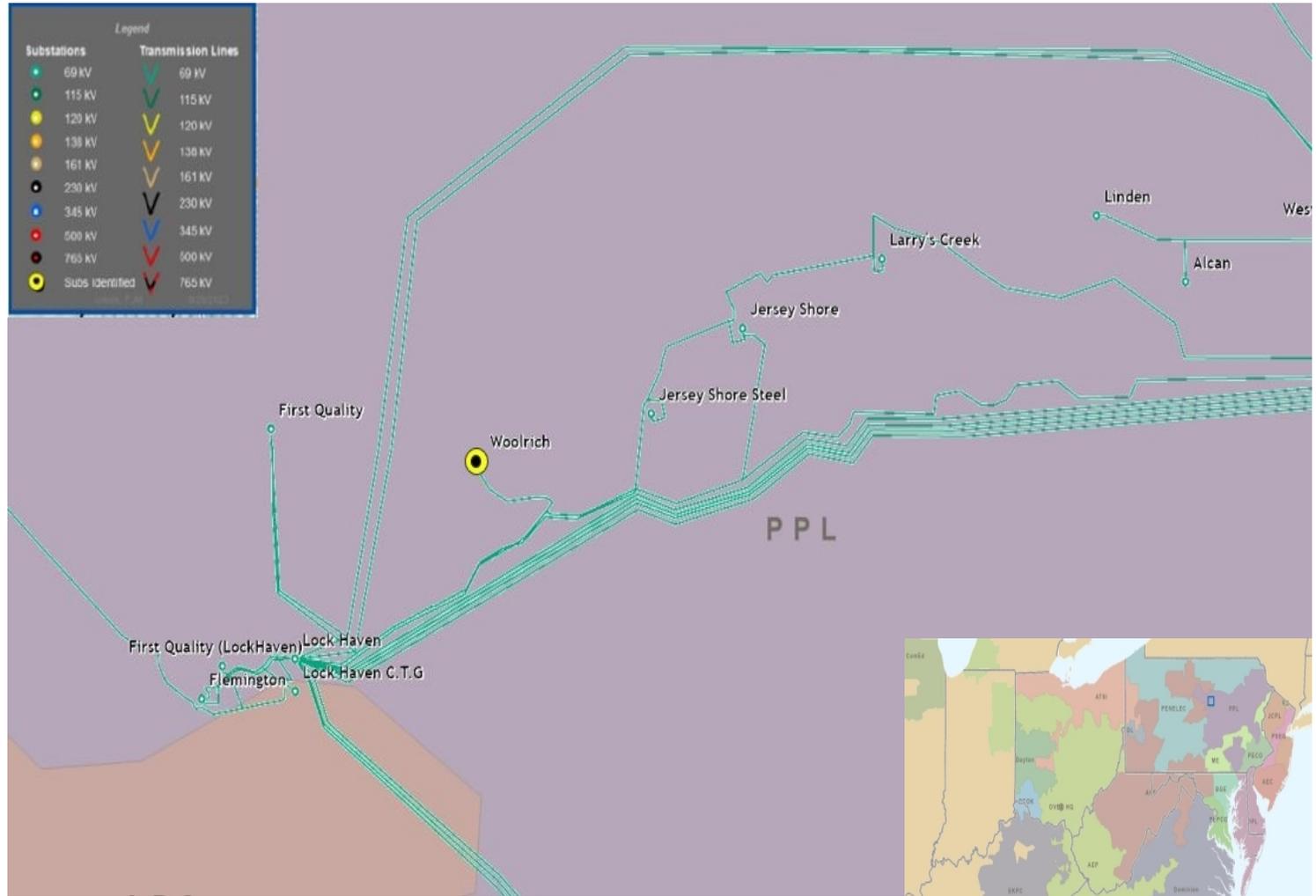
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

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





PPL Transmission Zone: Supplemental Pocono, PA

Need Number: PPL-2026-0014

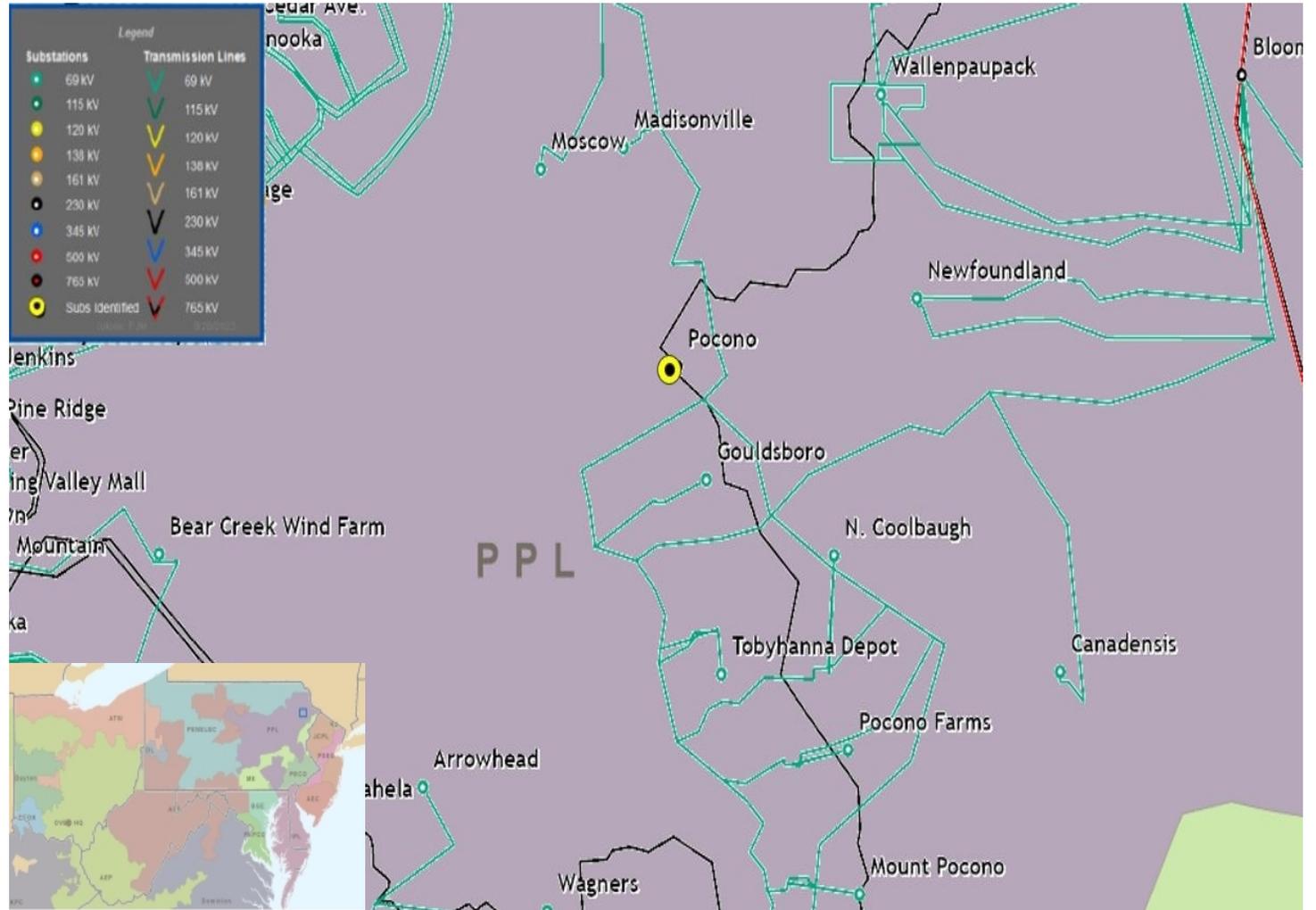
Process Stage: Need Meeting
03/18/2026

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.





PPL Transmission Zone: Supplemental Allenwood, PA

Need Number: PPL-2026-0016

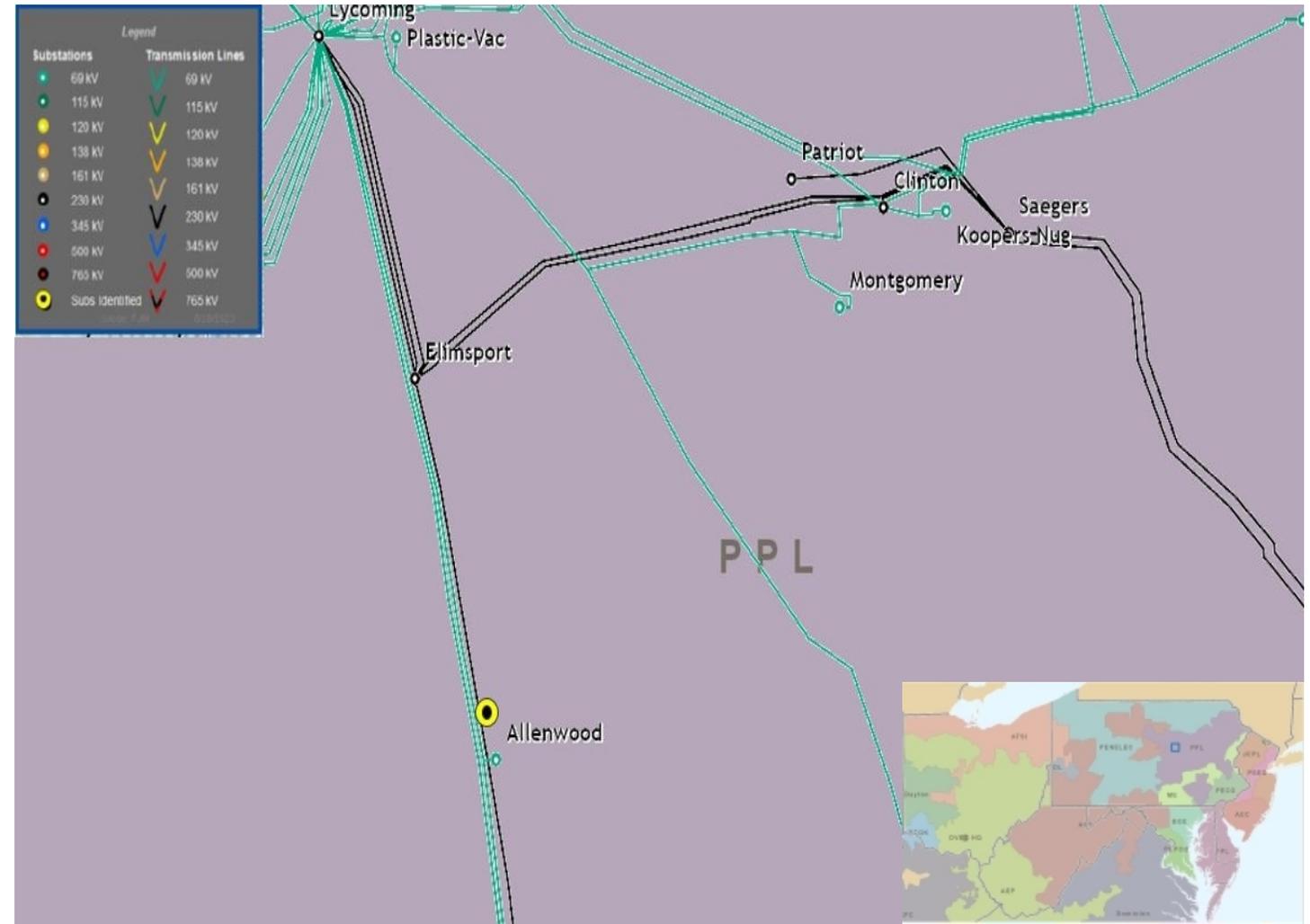
Process Stage: Need Meeting
03/18/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

Customer has submitted a request to have their facility serviced from a 69kV source in Allenwood, PA. The load will be temporary 60MW. The requested in-service date is 7/31/2027.





PPL Transmission Zone: Supplemental Tinker, PA

Need Number: PPL-2026-0017

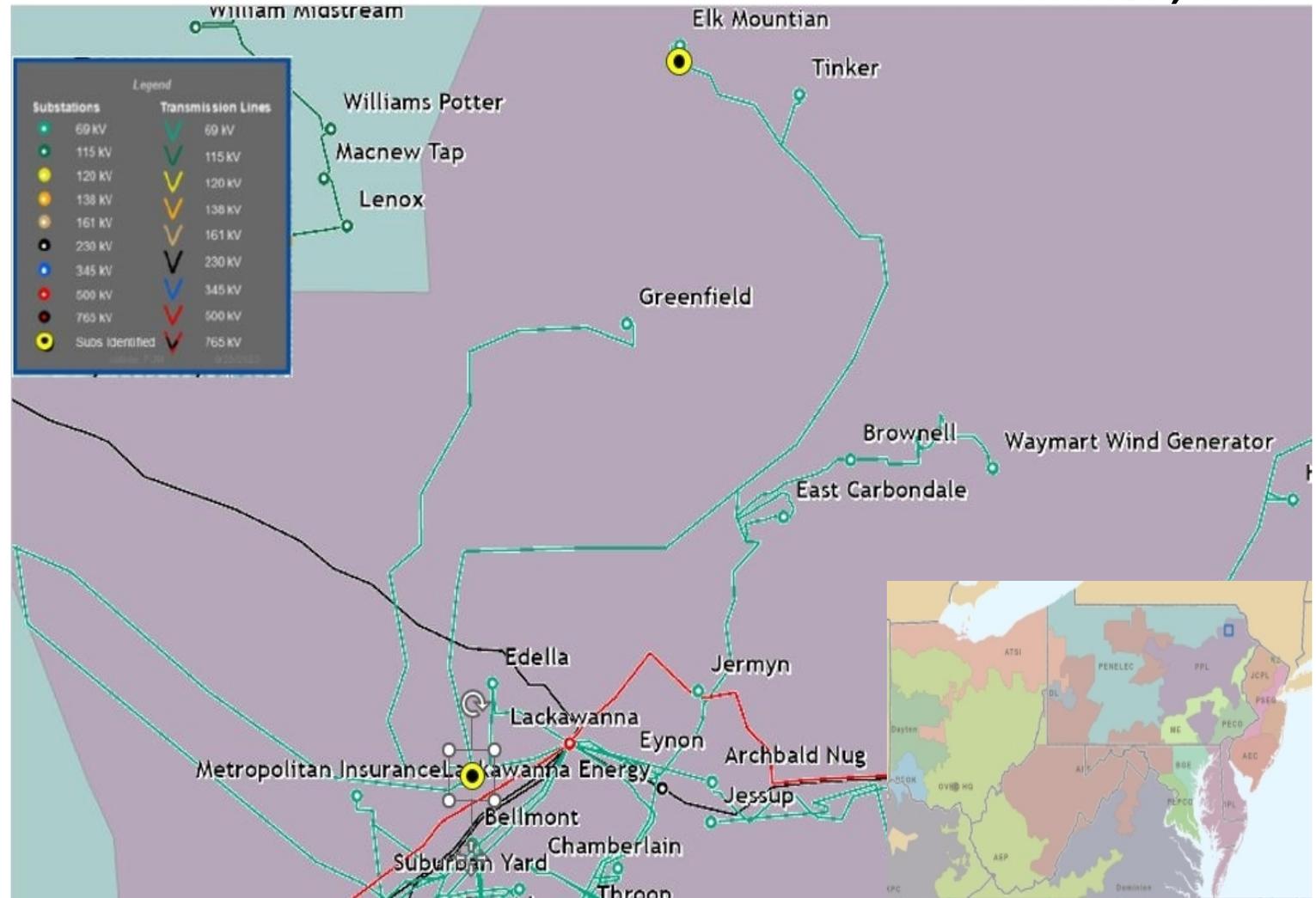
Process Stage: Need Meeting
03/18/2026

Project Driver: Operational Flexibility and Efficiency

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

Tinker and Elk Mountain Distribution substations are susceptible to stranded load and momentary outages due to the single transmission line design. Requested in-service date is 11/30/2029.



Need Number: PPL-2026-0018

Process Stage: Need Meeting
03/18/2026

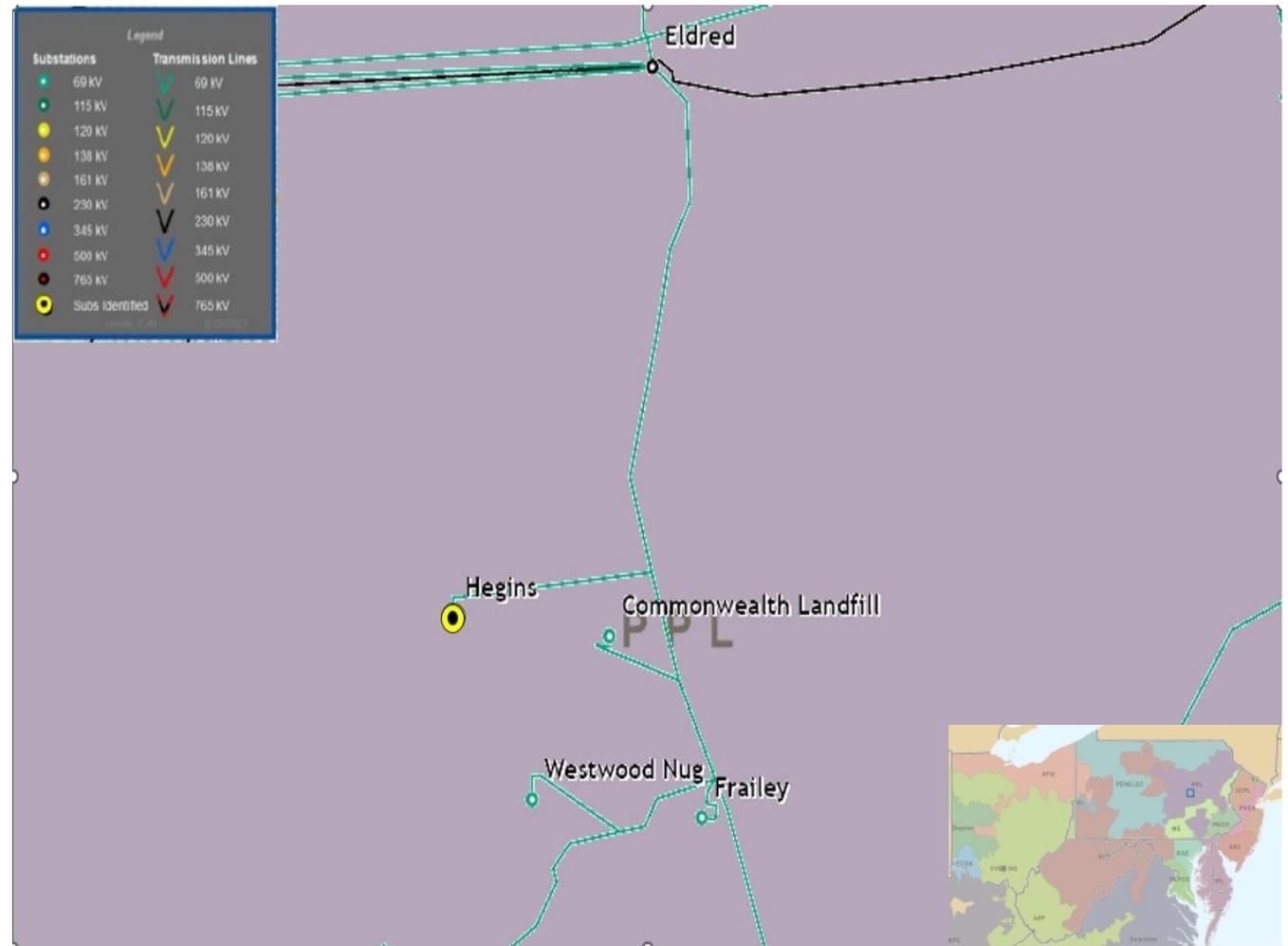
Project Driver: Equipment
Condition/Performance/Risk, Operational
Flexibility and Efficiency

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

Eldred - Pine Grove 69kV has had 21 operations since 2013 and has PPL's worst performance ranking. Hegin substation has stranded load that cannot be transferred.

Requested in-service date is 11/30/2030.





PPL Transmission Zone: Supplemental Dupont, PA

Need Number: PPL-2026-0019

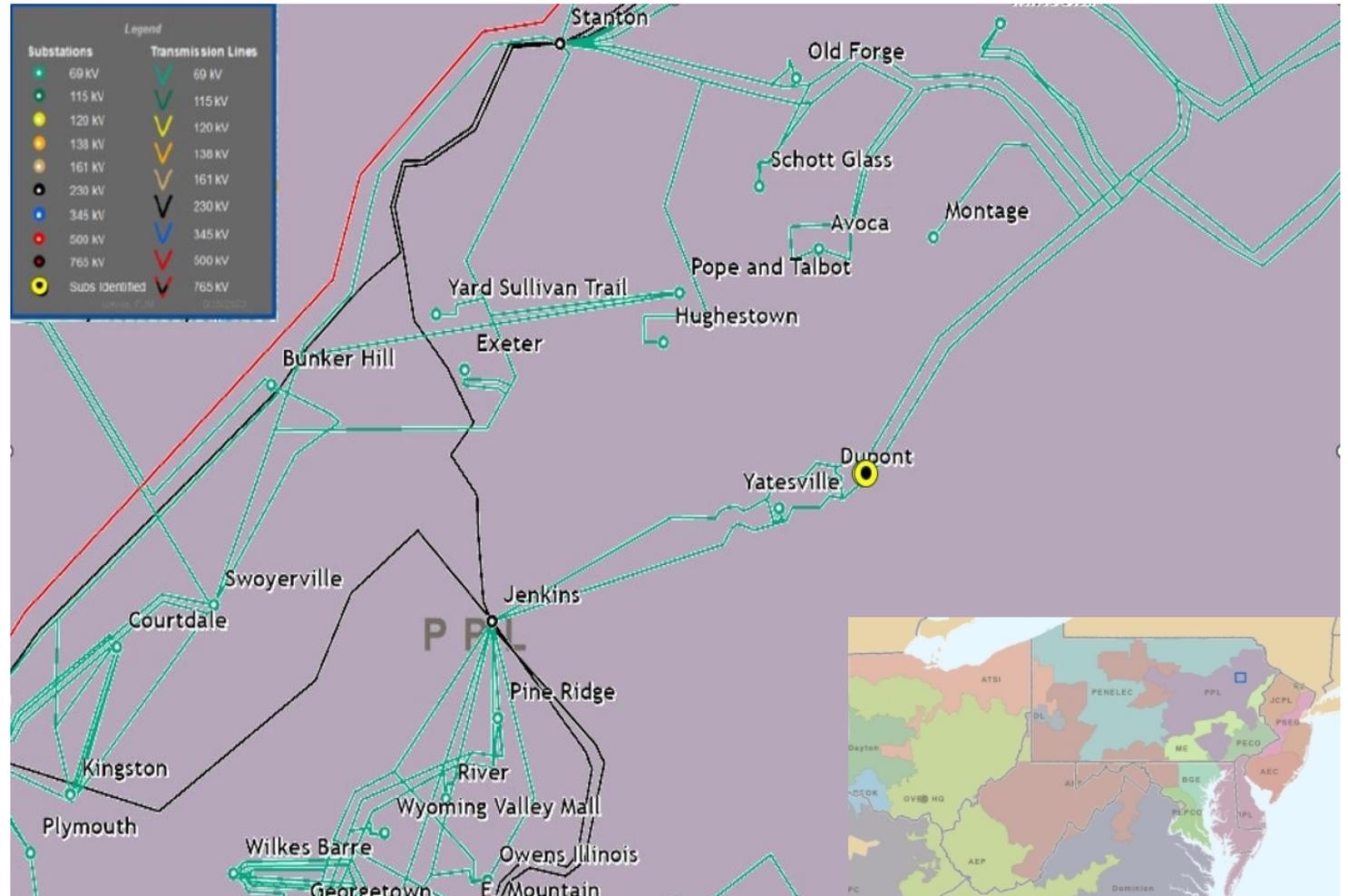
Process Stage: Need Meeting
03/18/2026

Project Driver: Customer Service,
Operational Flexibility and Efficiency

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

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





PPL Transmission Zone: Supplemental Yard Sullivan Trail, PA

Need Number: PPL-2026-0020

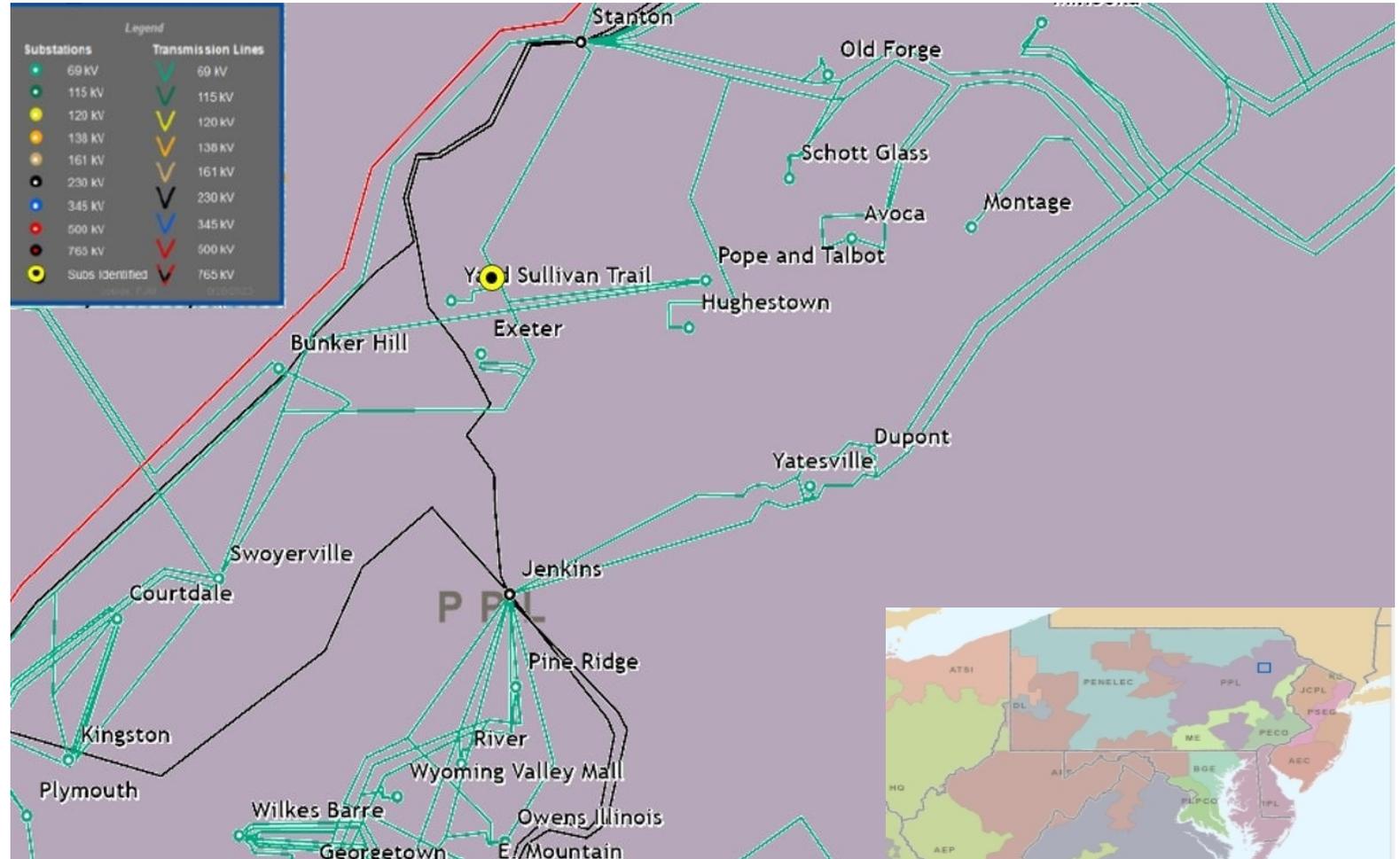
Process Stage: Need Meeting
03/18/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Sullivan Trail 69-12kV Substation from an additional independent source to improve operational flexibility and reliability. Requested in-service 2/1/2027.



Need Number: PPL-2026-0021

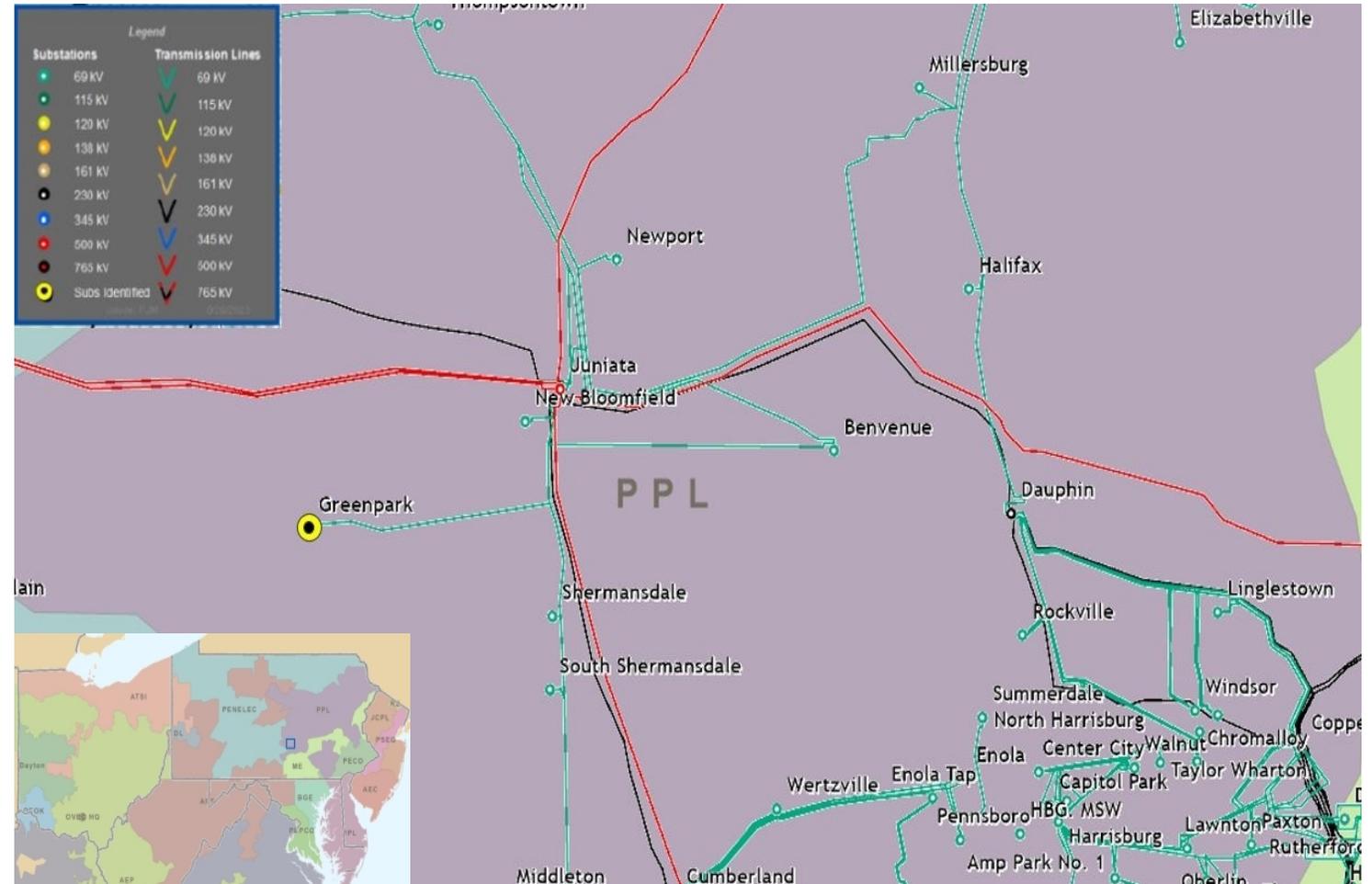
Process Stage: Need Meeting
03/18/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Greenpark 69-12kV Substation from an additional independent source to improve operational flexibility and reliability. Requested in-service 6/1/2027.





PPL Electric Utilities

PPL Transmission Zone: Supplemental Bingen, PA

Need Number: PPL-2026-0024

Process Stage: Need Meeting

03/18/2026

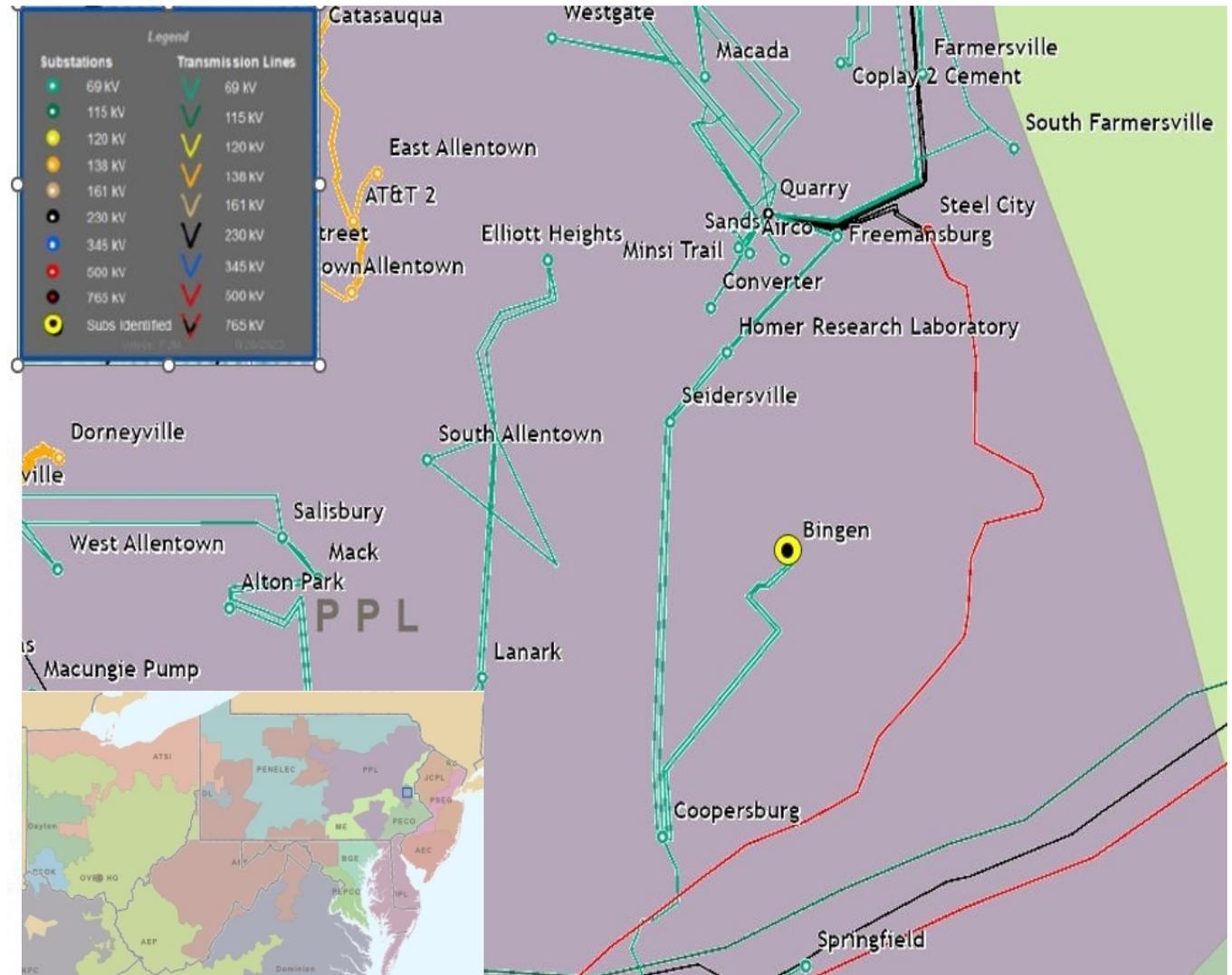
Project Driver: Customer Service

Specific Assumption References:

PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to feed the Bingen 69-12kV Substation from an additional source to improve operational flexibility and reliability. Requested in-service 11/30/2027.



Need Number: PPL-2026-0025

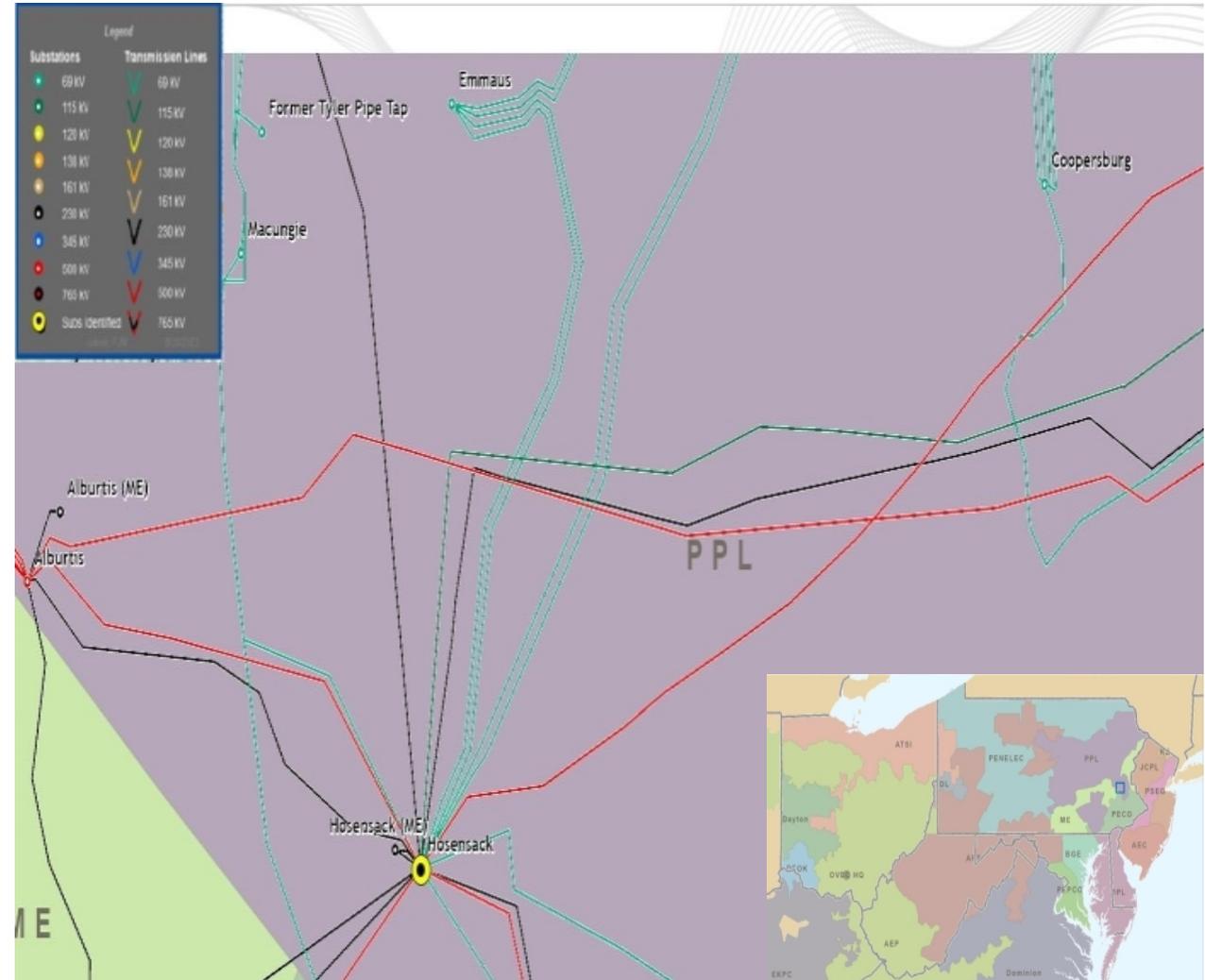
Process Stage: Need Meeting
03/18/2026

Project Driver: Operational Flexibility and Efficiency

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

The Hosensack 69 kV Yard is designed for a Double Bus-Double Breaker configuration, but several bays remain single-bus-fed, creating unnecessary customer outage exposure during P4 multiple-contingency events. Requested in-service 5/1/2028.





PPL Transmission Zone: Supplemental Port Carbon, PA

Need Number: PPL-2026-0026

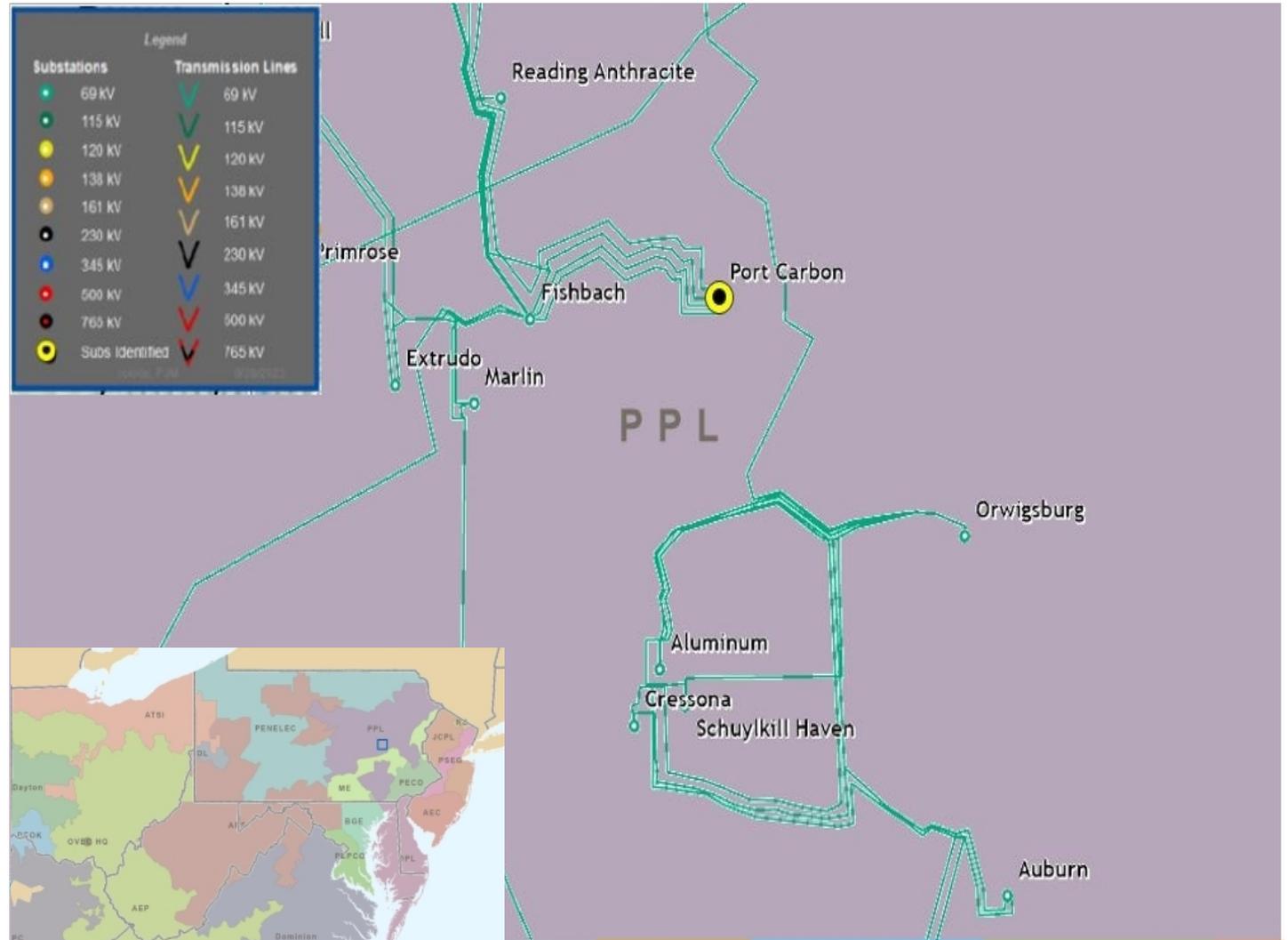
Process Stage: Need Meeting
03/18/2026

Project Driver: Customer Service

Specific Assumption References:
PPL 2026 Annual Assumptions

Problem Statement:

PPL Distribution is requesting to connect an existing on-site spare transformer at the Port Carbon 69-12kV to improve operational flexibility and reliability. Requested in-service 11/30/2028.



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

Need Number: PPL-2026-0009

Process Stage: Solution Meeting
SRRTEP-MA - 03/18/2026

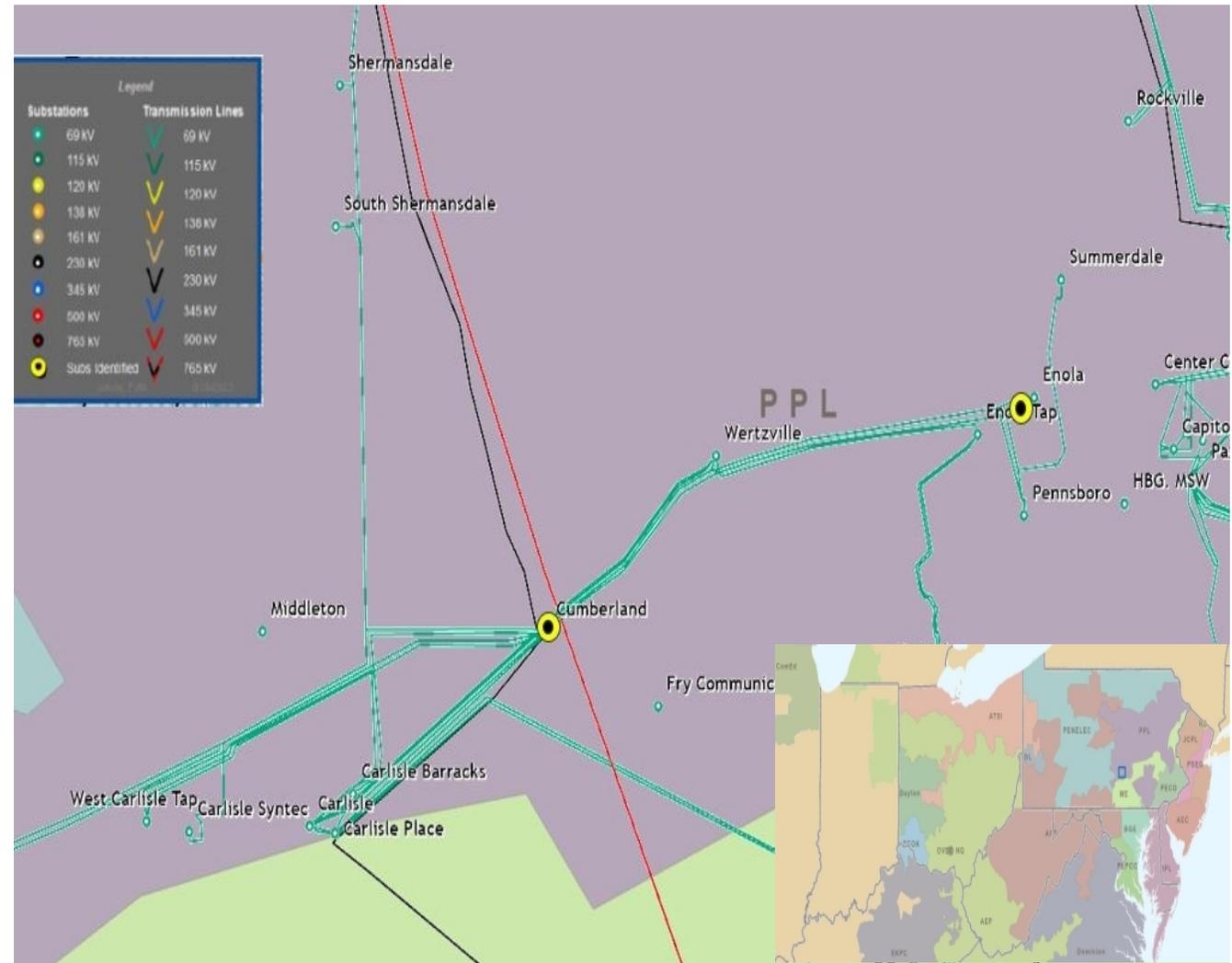
Previously Presented: Need Meeting
02/12/2026

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 Cumberland, PA

Need number(s): PPL-2026-0009

Process Stage: Solution Meeting
SRRTEP-MA - 03/18/2026

Proposed Solution:

Cumberland - West Shore 1 & 2 69kV:

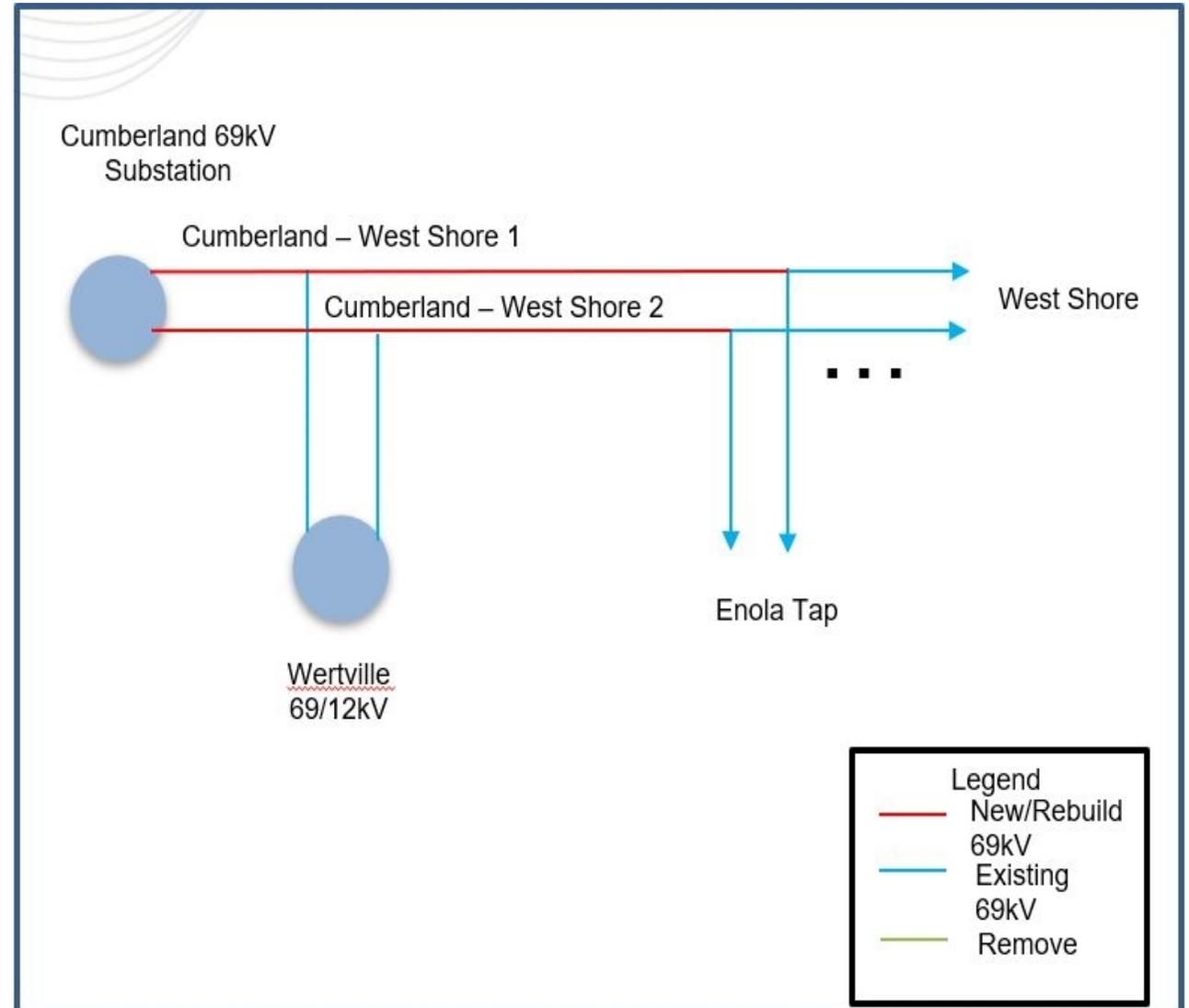
Rebuild 4.11 miles of the Cumberland West Shore 1 & 2 69kV lines - from Wertzville substation to Enola Tap. Utilize 795 ACSR. . Estimated Cost: \$20.3 M

Transmission Cost Estimate: \$20.3 M

Alternatives Considered:

N/A

Projected In-Service: 06/30/2029





PPL Transmission Zone: Supplemental Berks, PA

Need Number: PPL-2026-0010

Process Stage: Solution Meeting
SRRTEP-MA - 03/18/2026

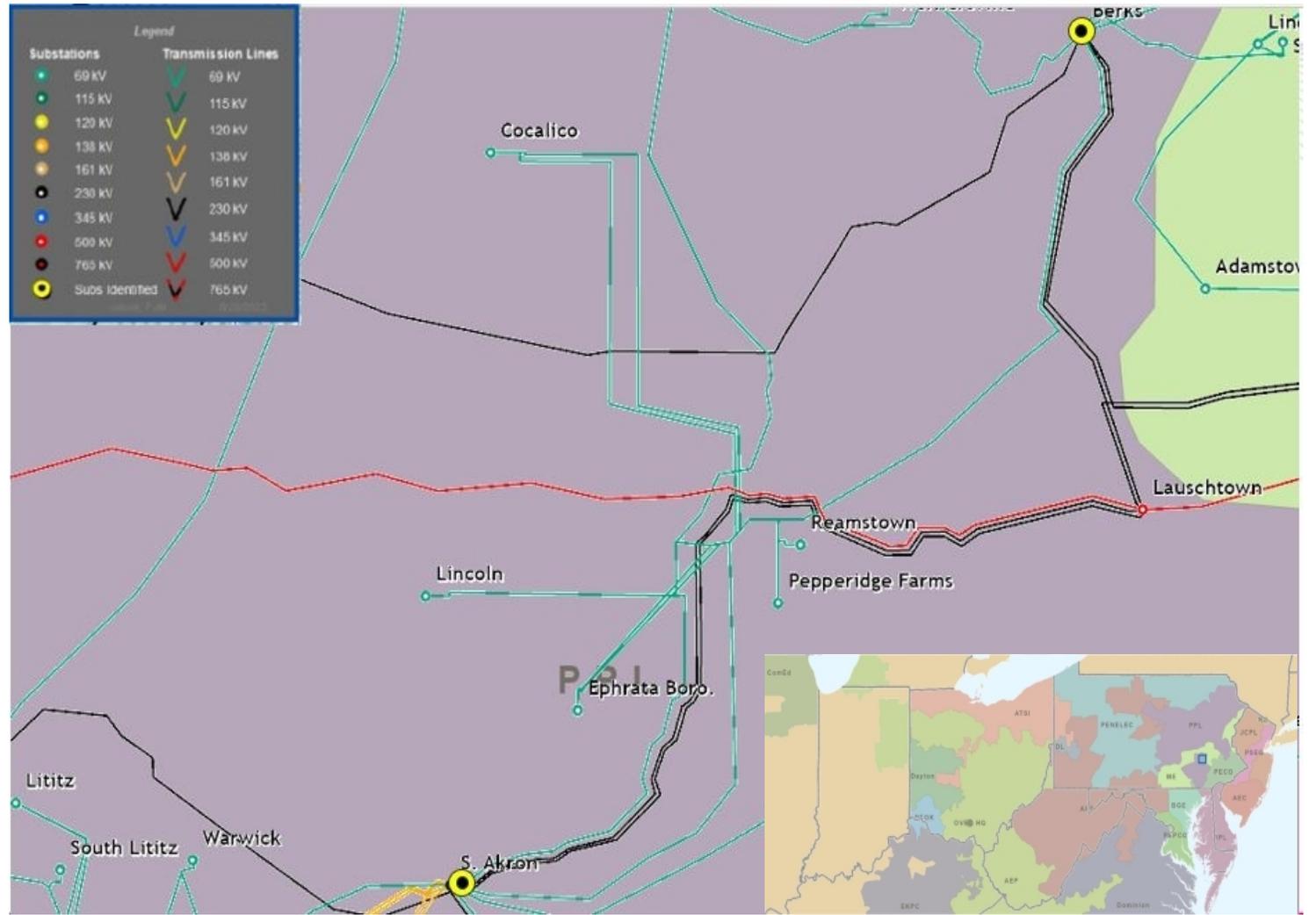
Previously Presented: Need Meeting
02/12/2026

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 Berks, PA

Need number(s): PPL-2026-0010

Process Stage: Solution Meeting
SRRTEP-MA - 03/18/2026

Proposed Solution:

Berks - South Akron 2 69kV: Rebuild 14.2 miles and reconductor 5.3 miles of the Berks-South Akron 2 69kV line. Utilize 556 ACSR conductor. Estimated Cost: \$38.3 M

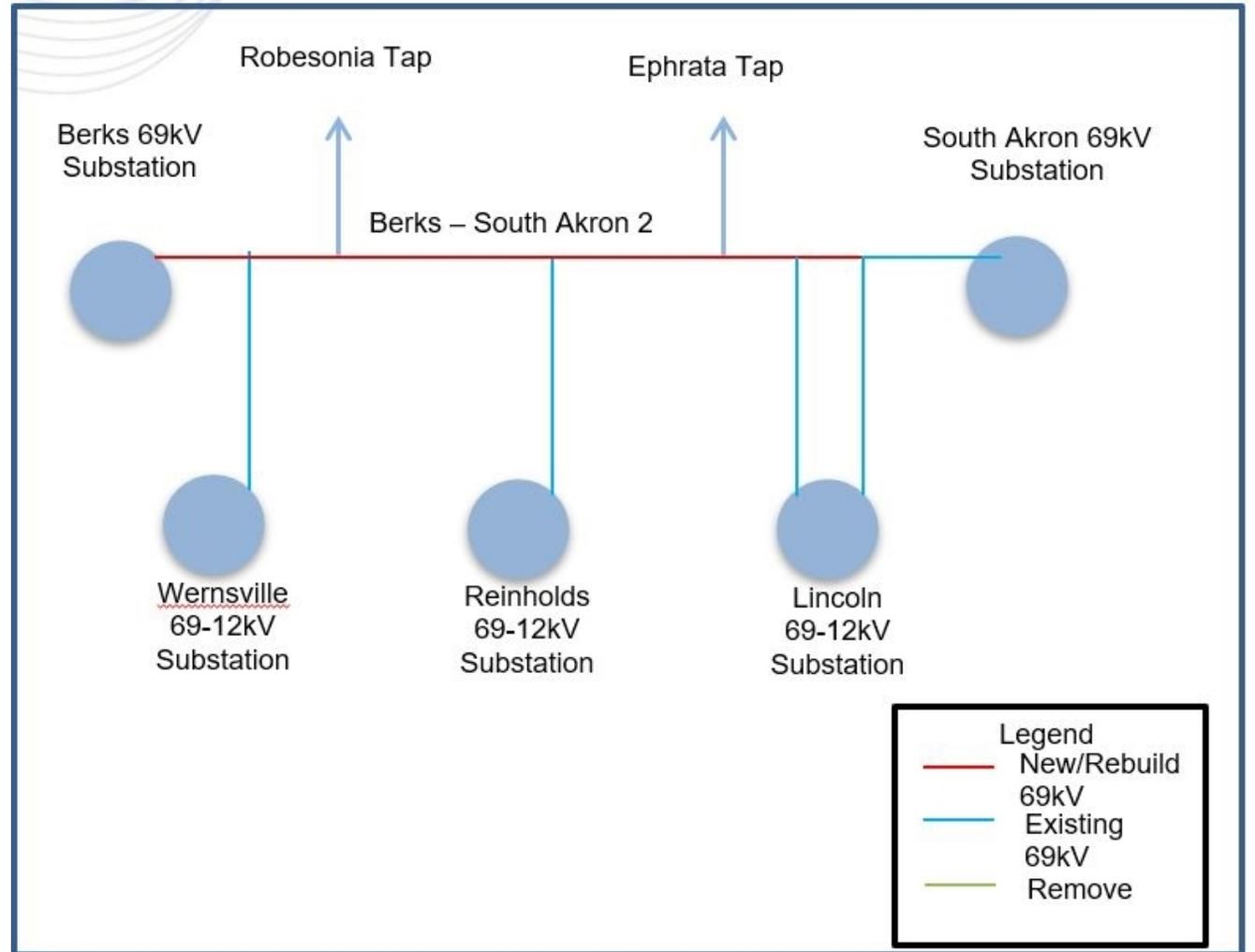
Transmission Cost Estimate: \$38.3 M

Alternatives Considered:

N/A

Projected In-Service: 12/31/2028

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