

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

November 14, 2024

# 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 Lofty, PA

**Need Number:** PPL-2024-0018

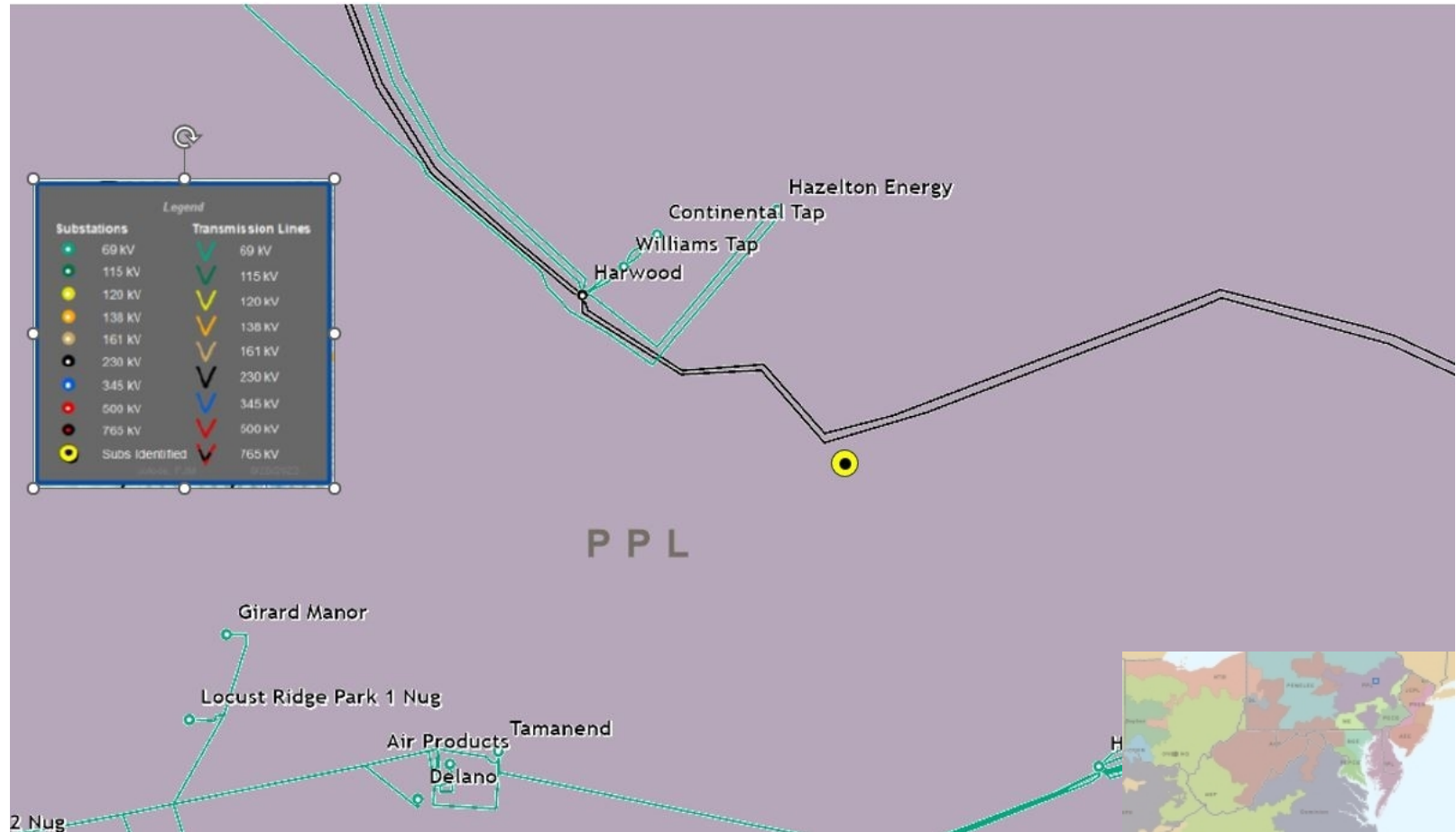
**Process Stage:** Need Meeting  
11/14/2024

**Project Driver:** Customer Service

**Specific Assumption References:**  
PPL 2024 Annual Assumptions

**Problem Statement:**

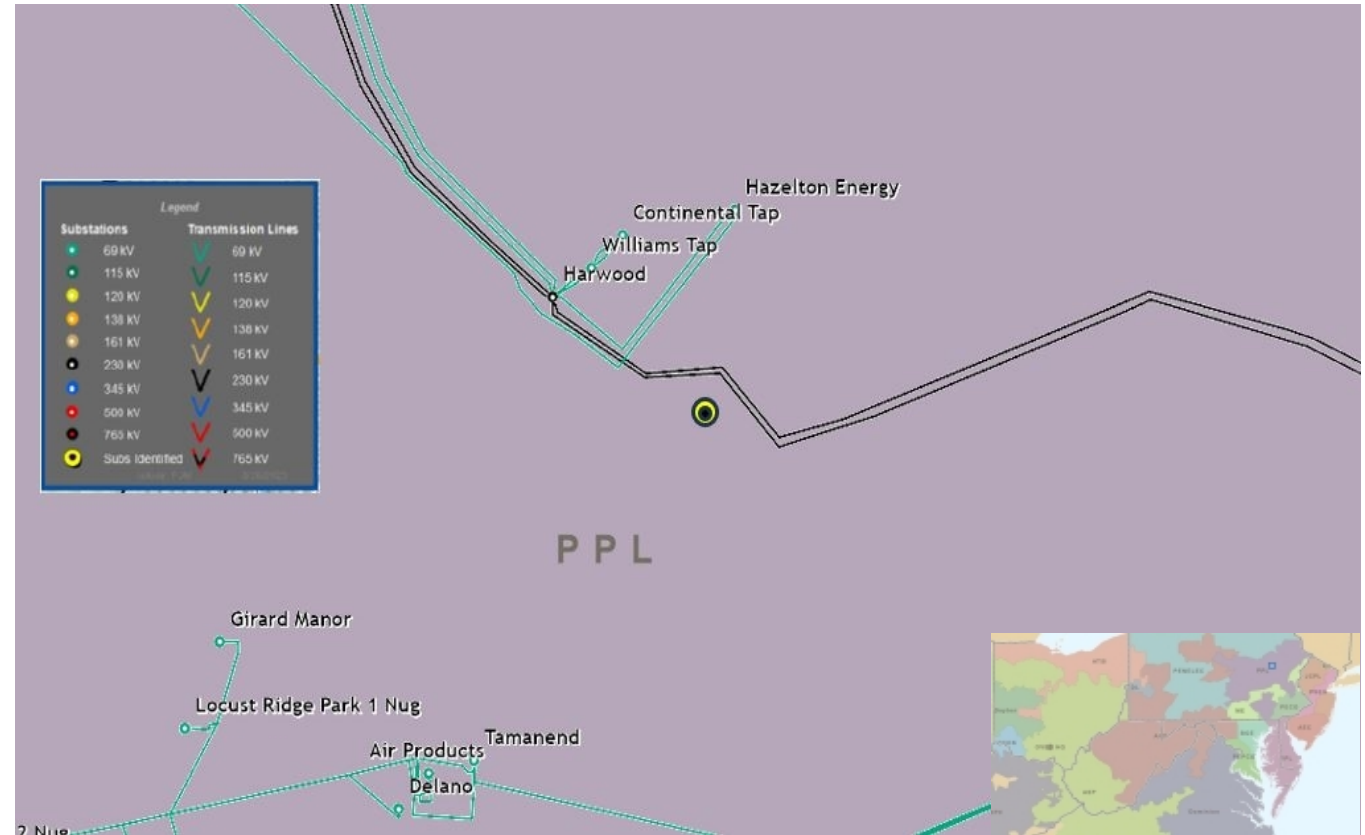
A customer (TEAC PPL-2024-0004) has requested temporary 69kV service in Hazleton PA. The customer has requested 45MW with an RIS of 3/31/2026



# PPL Transmission Zone: Supplemental Beltway, PA

**Need Number:** PPL-2024-0019  
**Process Stage:** Need Meeting 11/14/2024  
**Project Driver:** Customer Service  
**Specific Assumption References:**  
 PPL 2024 Annual Assumptions

**Problem Statement:**  
 A customer (TEAC PPL-2024-0012) has requested temporary 69kV service in Hazleton PA. The customer has requested 50MW with an RIS of 5/31/2026



# 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 Middleburg, PA

**Need Number:** PPL-2019-0003

**Process Stage:** Solution Meeting SRRTEP-MA - 11/14/2024

**Previously Presented:** Need Meeting 10/17/2024, 02/22/2019

**Project Driver:** Equipment Condition/Performance/Risk, Customer Service

**Specific Assumption References:**  
PPL 2024 Annual Assumptions

**Problem Statement:**

The Beavertown Tap 69kV line is a reliability risk due to poor asset health. The line is in poor condition with the original assets installed in 1962. The line consists of 76 vintage wood poles, and 89 steel poles. The 4/0 ACSR conductor is original.

PPL Distribution has requested a second 69kV source at the Beavertown substation to support a substation rebuild project.





# PPL Transmission Zone: Supplemental Middleburg, PA

**Need number(s):** PPL-2019-0003

**Process Stage:** Solution Meeting SRRTEP-MA - 11/14/2024

**Proposed Solution:**

**Sunbury-Middleburg #1 & #2 69kV Lines:** Add second 69kV circuit (556ACSR) on the existing single circuit, built for double circuit SUNB-MIDD 69kV line for ~6.4 miles..

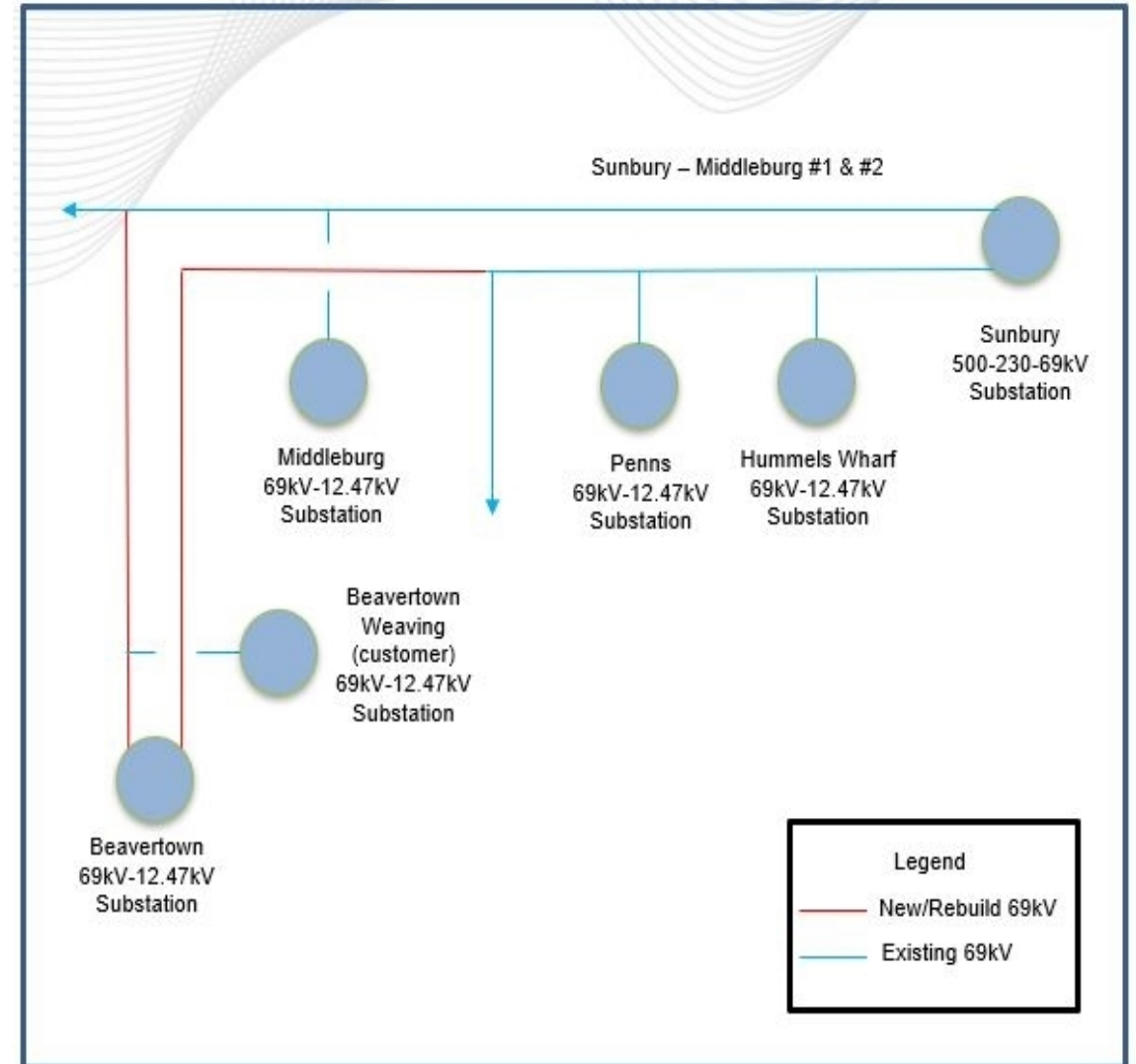
**Beavertown 69kV Tap:** Rebuild the existing 9.1-mile single circuit Beavertown 69kV tap to double circuit 69kV. Conductor to be 556 ACSR.. Estimated Cost: \$26.5 M

**Transmission Cost Estimate:** \$33 M

**Alternatives Considered:**

No feasible alternatives

**Projected In-Service:** 05/31/2028



# 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

11/04/2024 – V1 – Original version posted to pjm.com