

Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

Penelec Transmission Zone

Withdraw Needs

Penelec Transmission Zone M-3 Process Hill Valley - Huntingdon - Raystown 46 kV RAC Line

Need Number: PN-2025-004

Process Stage: Withdraw Need - SRRTEP-MA - 10/16/2025

Previously Presented: Need Meeting – SRRTEP-MA - 08/14/2025

Project Driver:

Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

System Performance Global Factors

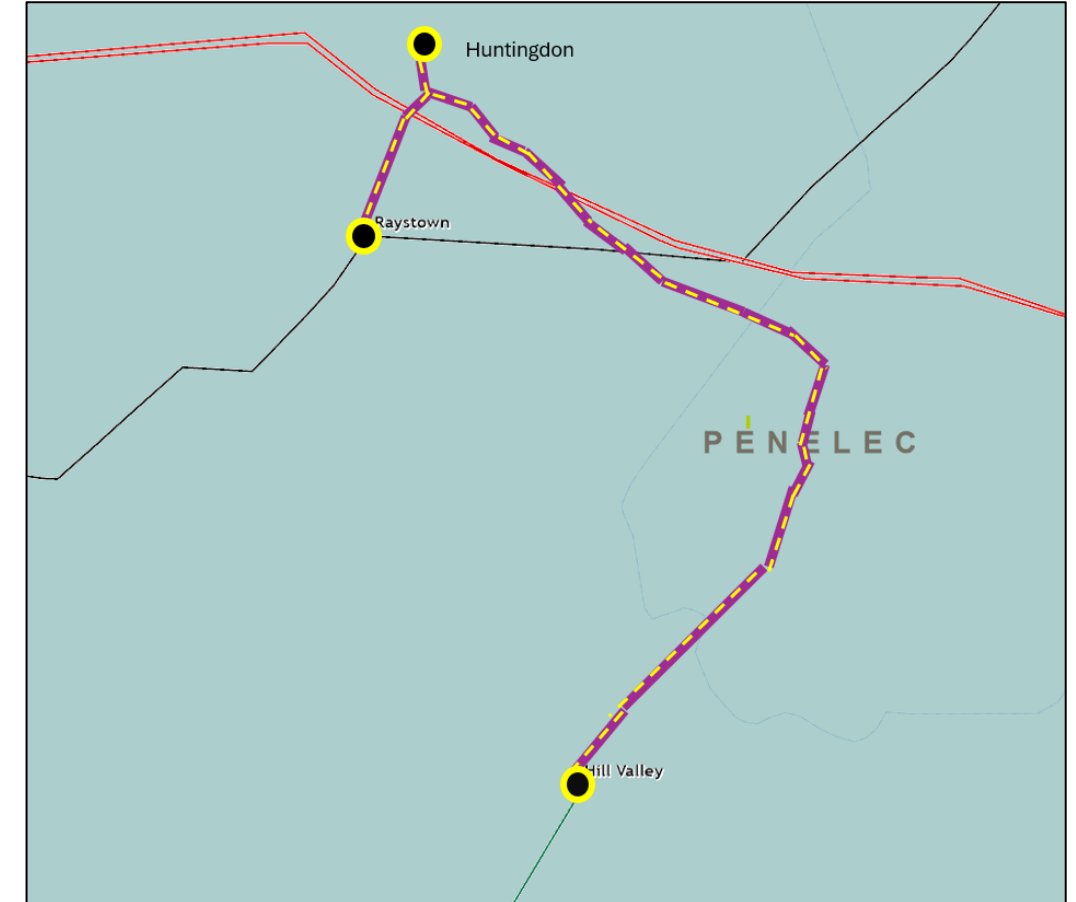
- Substation/line equipment limits
- System reliability and performance
- Transmission line switches
- Increasing negative trend in maintenance findings and/or costs
- Limited availability of spare parts and/or vendor technical support

Problem Statement:

On the Hill Valley - Huntingdon - Raystown 46 kV RAC Line, there are three transmission line switches A-126, A-127 and A-128 that are approximately 60 years old. The switches are inoperable and obsolete. Replacement components are difficult to source leading to non-standard repairs. The line is currently limited by the A-127 and A-128 transmission line switches.

C Tap - PA Glass and Sand Tap 46 kV Line:

- Existing Ratings: 55 / 69 / 67 / 83 MVA (SE/SN/WN/WE)
- Conductor Ratings: 59 / 71 / 67 / 85 MVA (SE/SN/WN/WE)



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

10/06/2025– V1 – Original version posted to pjm.com

10/13/2025 – V2 – Formatting Corrected