

Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

MetEd Transmission Zone

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

MetEd Transmission Zone M-3 Process Hill - Jackson 115 kV 969 Line - New Customer Connection, PA

Need Number: ME-2026-006

Process Stage: Solution Meeting – SRRTEP-MA – 07/17/2026

Previously Presented: Need Meeting – SRRTEP-MA – 05/14/2026

Project Driver:

Customer Service

Specific Assumption Reference:

New customer connection requests will be evaluated per FirstEnergy's "Requirements for Transmission Connected Facilities" document and "Transmission Planning Criteria" document.

Problem Statement:

New Customer Connection - A customer requested 115 kV service for load of approximately 22 MW near the Hill - Jackson 115 kV 969 Line. The request is approximately five miles from Hill Substation.

Requested in-service date is 4/1/2028.



MetEd Transmission Zone M-3 Process

Hill - Jackson 115 kV 969 Line - New Customer Connection, PA

Need number: ME-2026-006

Process Stage: Solution Meeting –SRRTEP-MA – 07/17/2026

Proposed Solution:

- Construct 115 kV tap structure on the Hill-Jackson 115 kV 969 Line.
- Install two 115 kV switches at the tap location on Hill-Jackson 115 kV 969 Line.
- Construct one to two spans of transmission line from tap structure to FE owned switch structure.
- Install one 115 kV switch at the POI.
- Provide 115 kV revenue metering package.
- Adjust relay settings at remote end substations.

Transmission Line Ratings:

Hill-Jackson 115 kV 969 Line:

- Before Proposed Solution: 133 / 160 / 150 / 190 MVA (SN/SE/WN/WE)
- After Proposed Solution: 133 / 160 / 150 / 190 MVA (SN/SE/WN/WE)

Alternatives Considered:

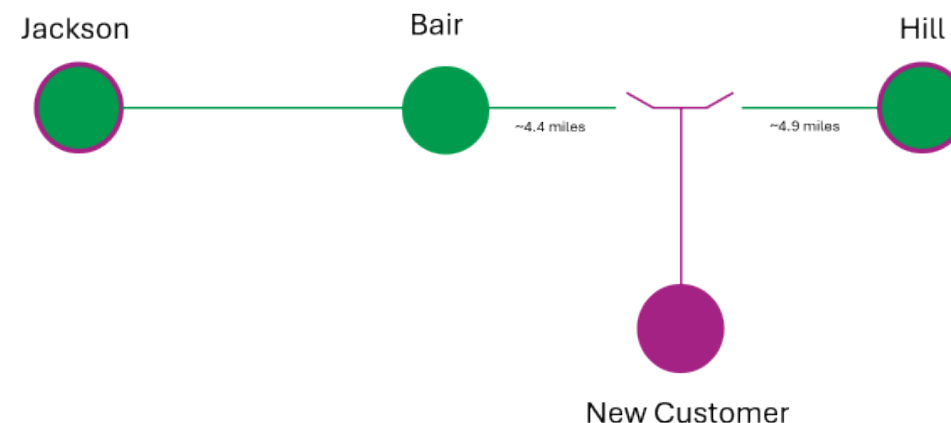
No reasonable alternatives due to the customer's proximity to the Hill - Jackson 115 kV Line.

Estimated Project Cost: \$1.81M

Projected In-Service: 04/01/2028

Project Status: Conceptual

Model: 2025 RTEP model for 2030 Summer (50/50)



Legend	
500 kV	
345 kV	
230 kV	
138 kV	
115 kV	
69 kV	
46 kV	
34.5 kV	
23 kV	
New	

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

07/06/2026 – V1 – Original version posted to pjm.com

07/07/2026 – V2 – Updated formatting