

Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

JCPL 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

Need Number: JCPL-2025-011

Process Stage: Solution Meeting - SRRTEP-MA - 01/15/2026

Previously Presented: Need Meeting - SRRTEP-MA - 12/11/2025

Project Driver:

Customer Service

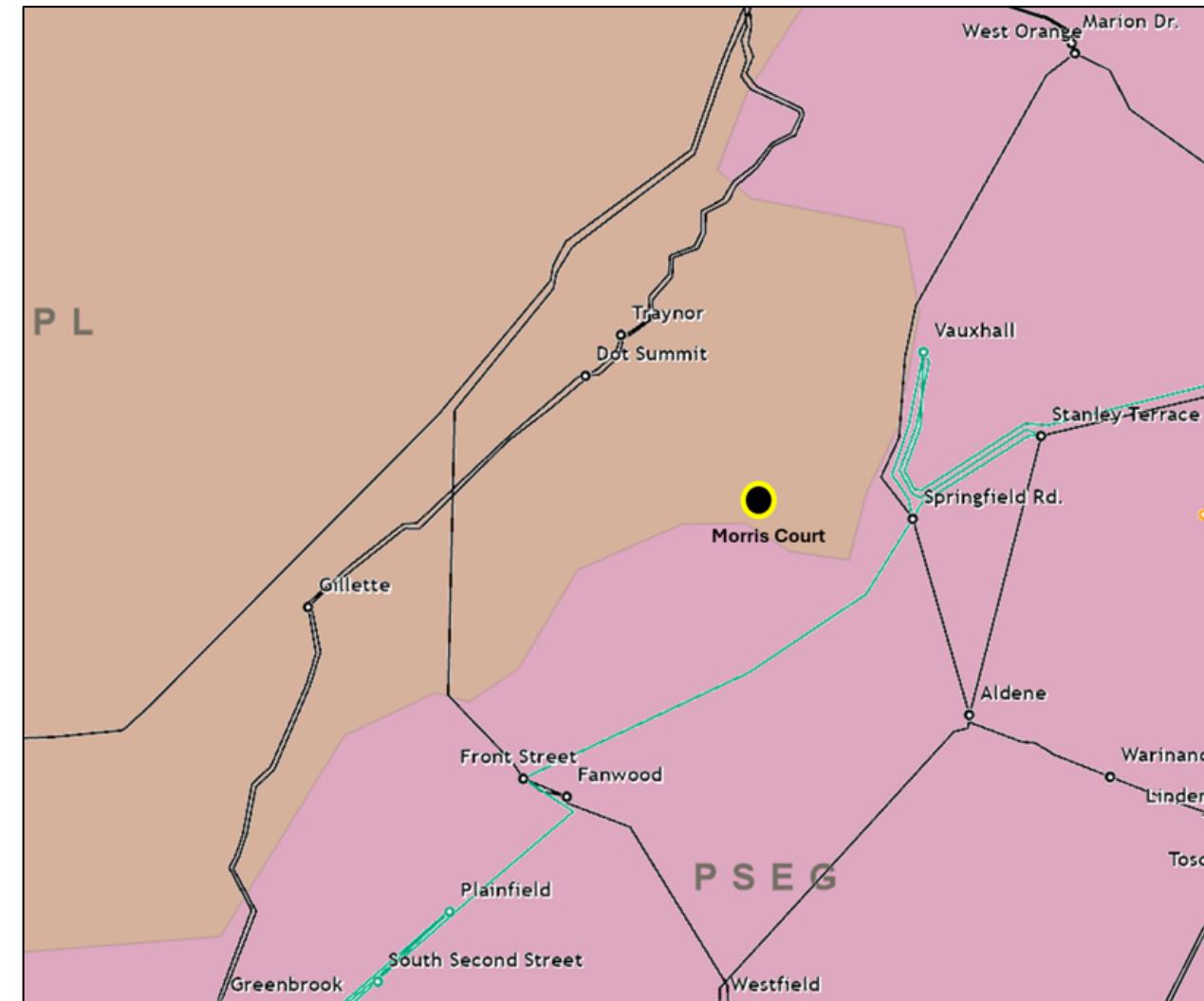
Specific Assumption References:

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 34.5 kV service for load of approximately 10 MW at Morris Court Substation.

Requested in-service date is 9/14/2026.



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Proposed Solution:

- Provide connection for a second transformer at Morris Court Substation
- Upgrade remote terminal end relay settings at Briant Park and Traynor substations
- Install wholesale revenue metering

Alternatives Considered:

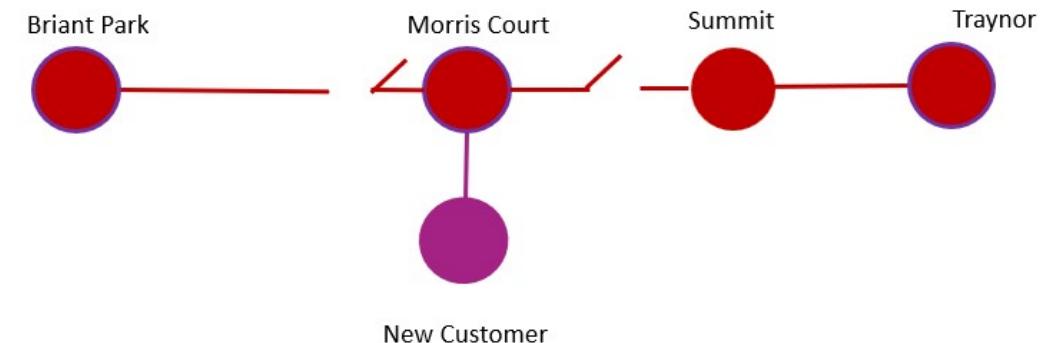
No reasonable alternatives to meet the customers request due to the proximity of the service location to the Morris Court Substation.

Estimated Project Cost: \$110,000

Projected In-Service: 09/14/2026

Project Status: Conceptual

Model: 2024 RTEP model for 2029 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

	Activity	Timing
Assumptions	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
Solutions	Stakeholder comments	10 days after Needs Meeting
	Activity	Timing
Solutions	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