

# Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

May 16, 2024

# 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-2022-004

**Process Stage:** Solution Meeting 06/13/2024

**Previously Presented:** Need Meeting 11/17/2022

**Project Driver(s):**

*Customer Service*

**Specific Assumption Reference(s):**

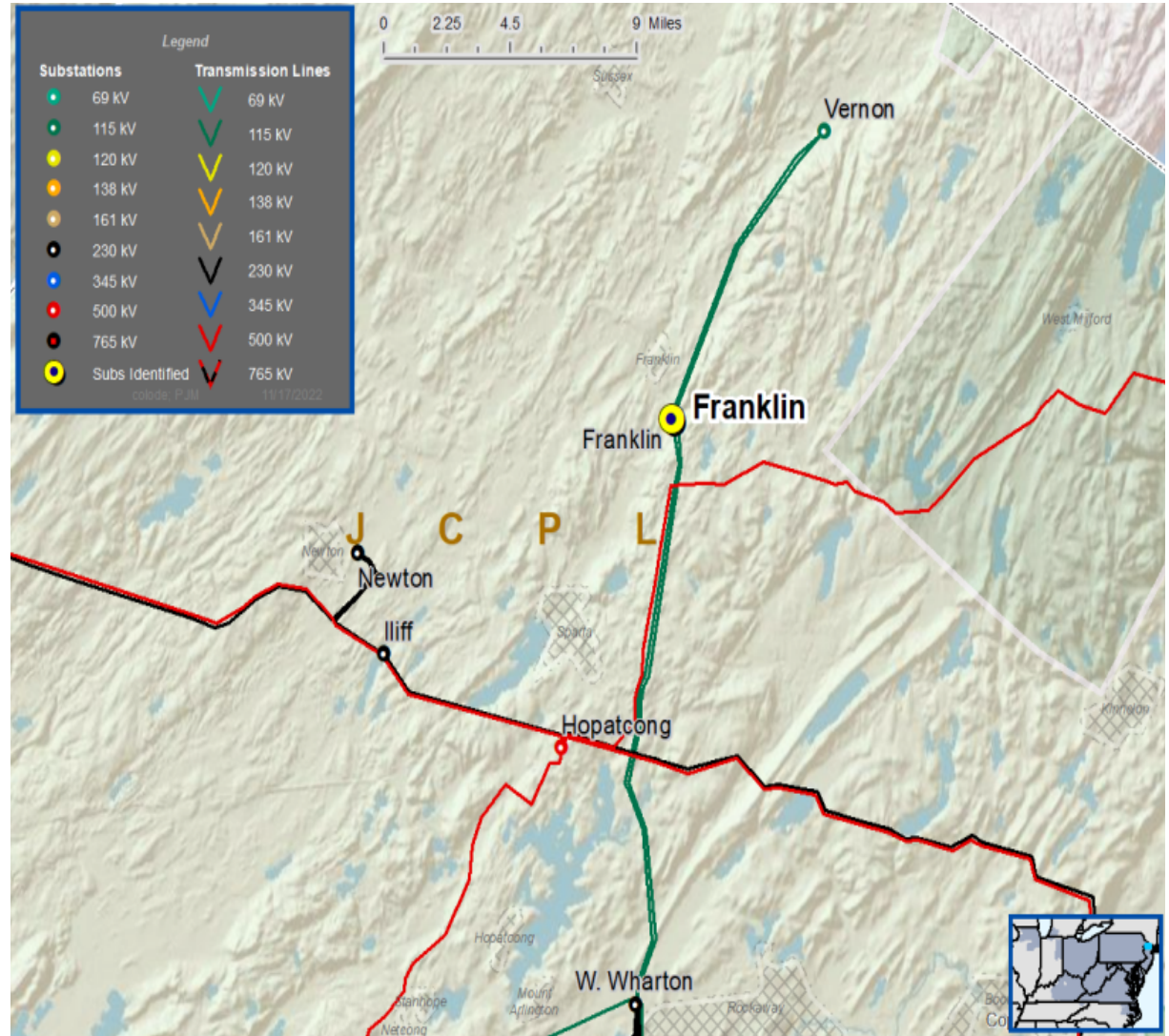
New customer connection request will be evaluated per FirstEnergy’s “Requirements for Transmission Connected Facilities” document and “Transmission Planning Criteria” document.

**Problem Statement:**

New Customer Connection – A customer requested 34.5 kV service; anticipated load is 10 MVA near the Franklin 34.5 kV Substation.

**Requested in-service date:**

6/01/2023



# JCPL Transmission Zone M-3 Process Branchville – Franklin 34.5 kV Q745 Line Customer Connection

**Need Number:** JCPL-2022-004

**Process Stage:** Solution Meeting - 06/16/2024

**Proposed Solution:**

**34.5 kV Line Tap**

- Install one in-line and one tap-line SCADA controlled switches
- Construct an approximately 0.2-mile 34.5 kV line extension to the customer
- Review/modify relay settings on the Branchville – Franklin 34.5 kV Q745 Line

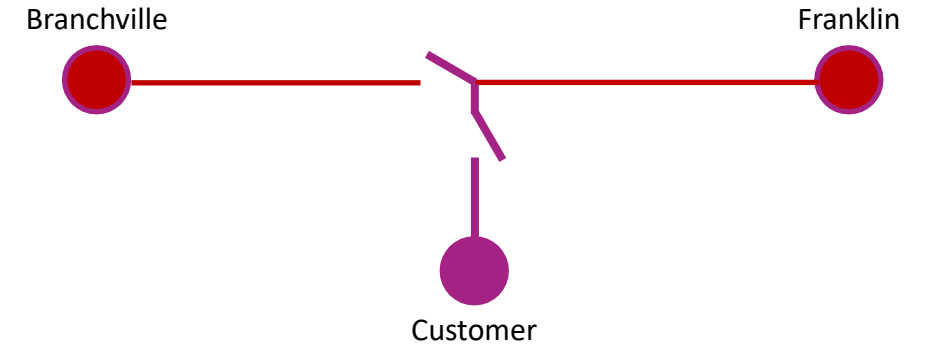
**Alternatives Considered:**

A direct connection to the Franklin 34.5 kV Substation was considered due to the proximity of the customer.

**Estimated Project Cost:** \$0.8M

**Projected In-Service:** 06/02/2025

**Project Status:** Engineering



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



Questions?

# 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

6/03/2024 – V1 – Original version posted to pjm.com