

Subregional RTEP Committee – Mid-Atlantic FirstEnergy Supplemental Projects

October 13, 2022

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-2022-001

Process Stage: Solution Meeting 10/13/2022

Previously Presented: Need Meeting 2/17/2022

Project Driver:

Customer Service

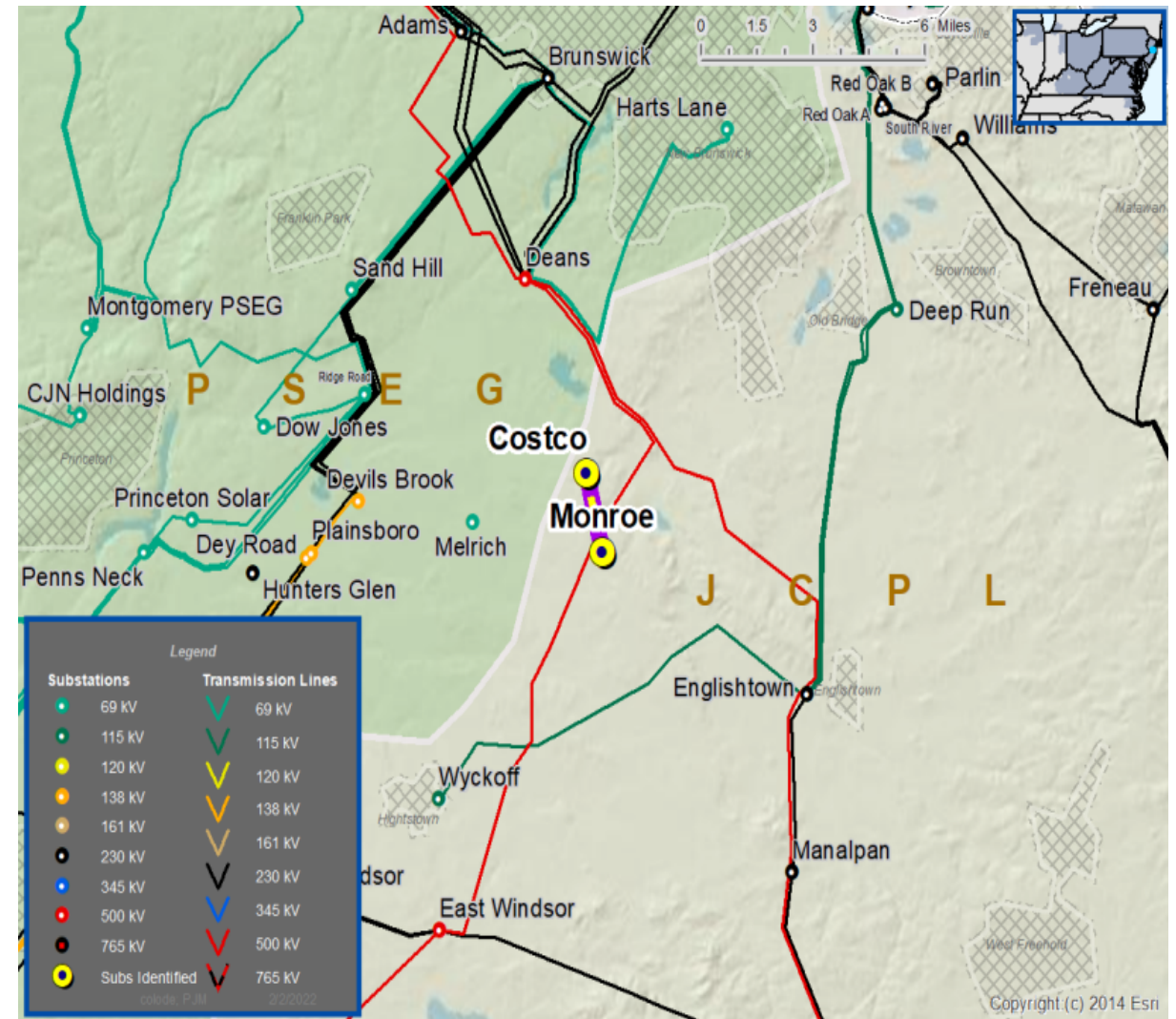
Specific Assumption Reference:

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

Problem Statement:

New Customer Connection: An existing customer with 12.5 kV service requested 34.5 kV service. The anticipated load is 13.9 MW. Location is near the Costco – Monroe 34.5 kV Line.

Requested in-service date is June 2022.



Need Number: JCPL-2022-001

Process Stage: Solution Meeting 7/21/2022

Proposed Solution:

- Tap the Costco – Monroe 34.5 kV line approximately 2.8 miles from the Monroe substation.
- Construct approximately 1.5 miles of 34.5 kV line to the customer substation.

Alternatives Considered:

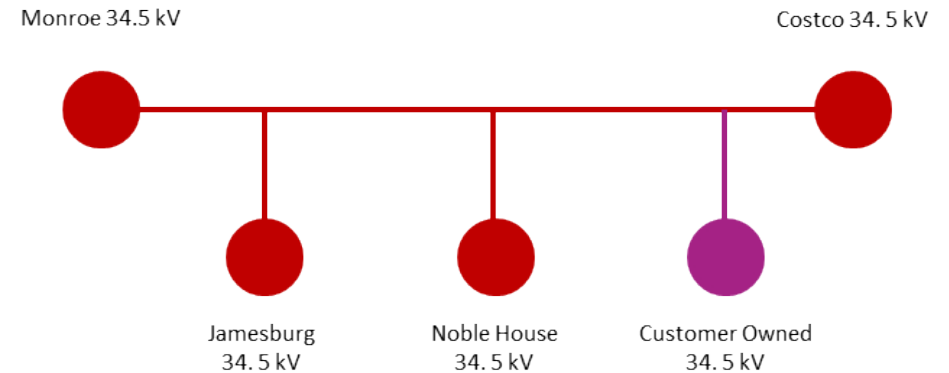
- No alternatives considered

Estimated Project Cost: \$1.3M

Projected In-Service: 11/17/2022

Project Status: Engineering

Model: 2021 RTEP model for 2026 Summer (50/50)



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

10/3/2022 – V1 – Original version posted to pjm.com