

Subregional RTEP Committee - Mid-Atlantic FirstEnergy Supplemental Projects

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-2023-002

Process State: Solution Meeting 08/17/2023

Previously Presented: Need Meeting 04/20/2023

Project Driver:

Performance and Risk

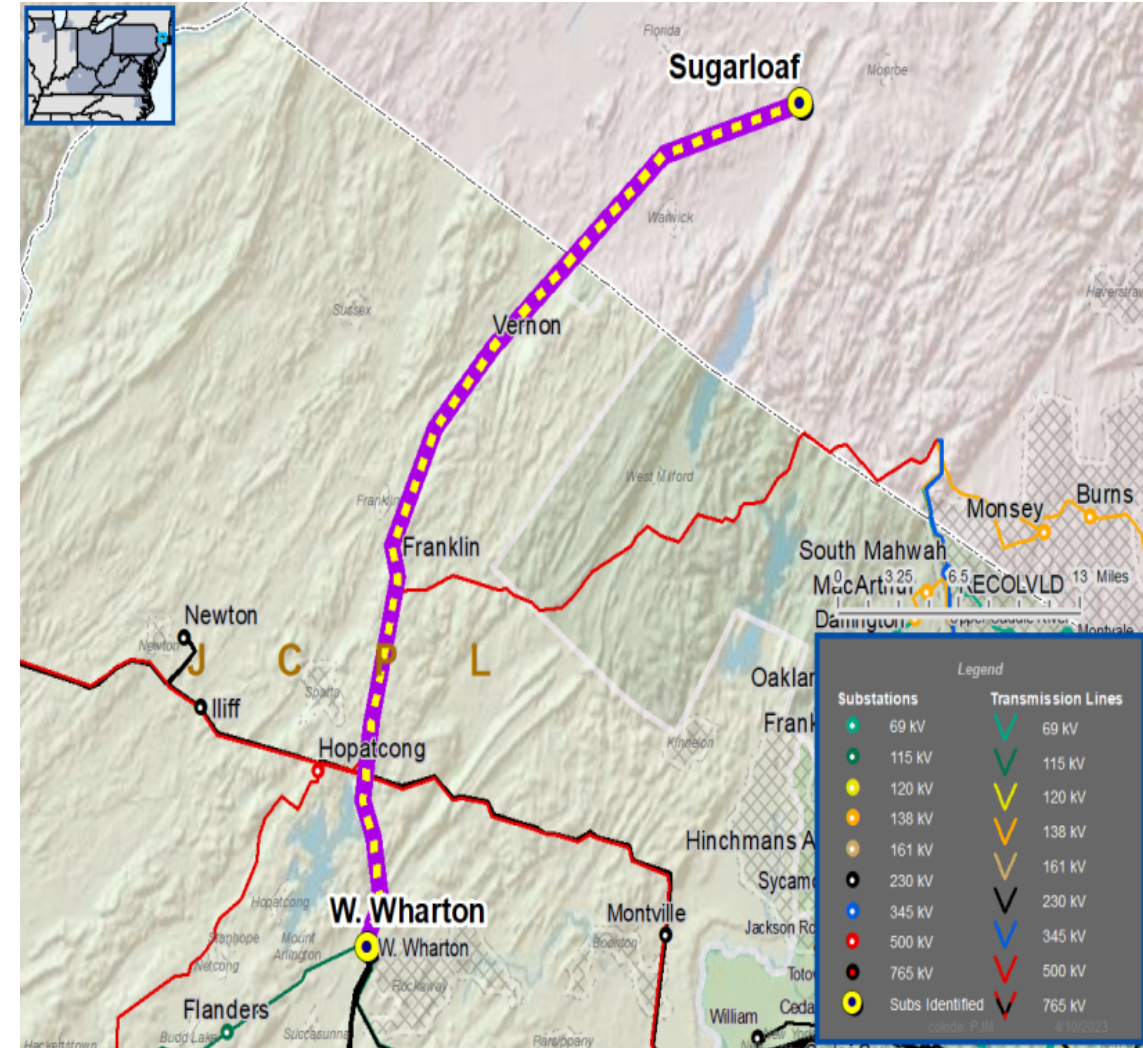
Specific Assumption Reference:

System Performance Projects Global Factors

- System reliability and performance

Problem Statement:

- FE and Central Hudson have **two** normally open lines that have not been utilized for approximately 10 years and will no longer be required.



JCP&L Transmission Zone M-3 Process West Wharton – Sugarloaf 115 kV Lines

Need Number: JCPL-2023-002

Process Stage: Solution Meeting 08/17/2023

Proposed Solution:

- Remove the normally open Interconnections between Vernon (FE) and Sugarloaf (Central Hudson) by removing the line jumper loops on Structure 161 for the 115 kV Sugarloaf CH –West Wharton No 1 D931 and No 2 J932 Lines.

Alternatives Considered:

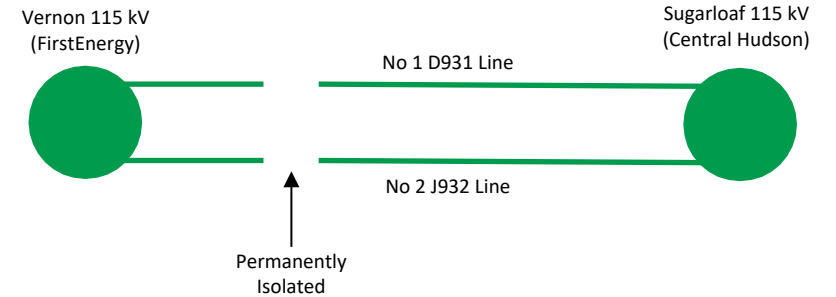
- None

Estimated Project Cost: \$0.05M

Projected In-Service: 7/25/2023

Project Status: In Service

Model: 2022 RTEP model for 2027 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

8/7/2023 – V1 – Original version posted to pjm.com