

SRRTEP Committee: Western EKPC Supplemental Projects

July 21, 2023

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

EKPC Transmission Zone M-3 Process Frenchburg

Need Number: EKPC-2023-002

Process Stage: Solutions Meeting – July 21, 2023

Previously Presented:

Need Meeting – June 16, 2023

Supplemental Project Driver:

Equipment Material Condition, Performance and Risk

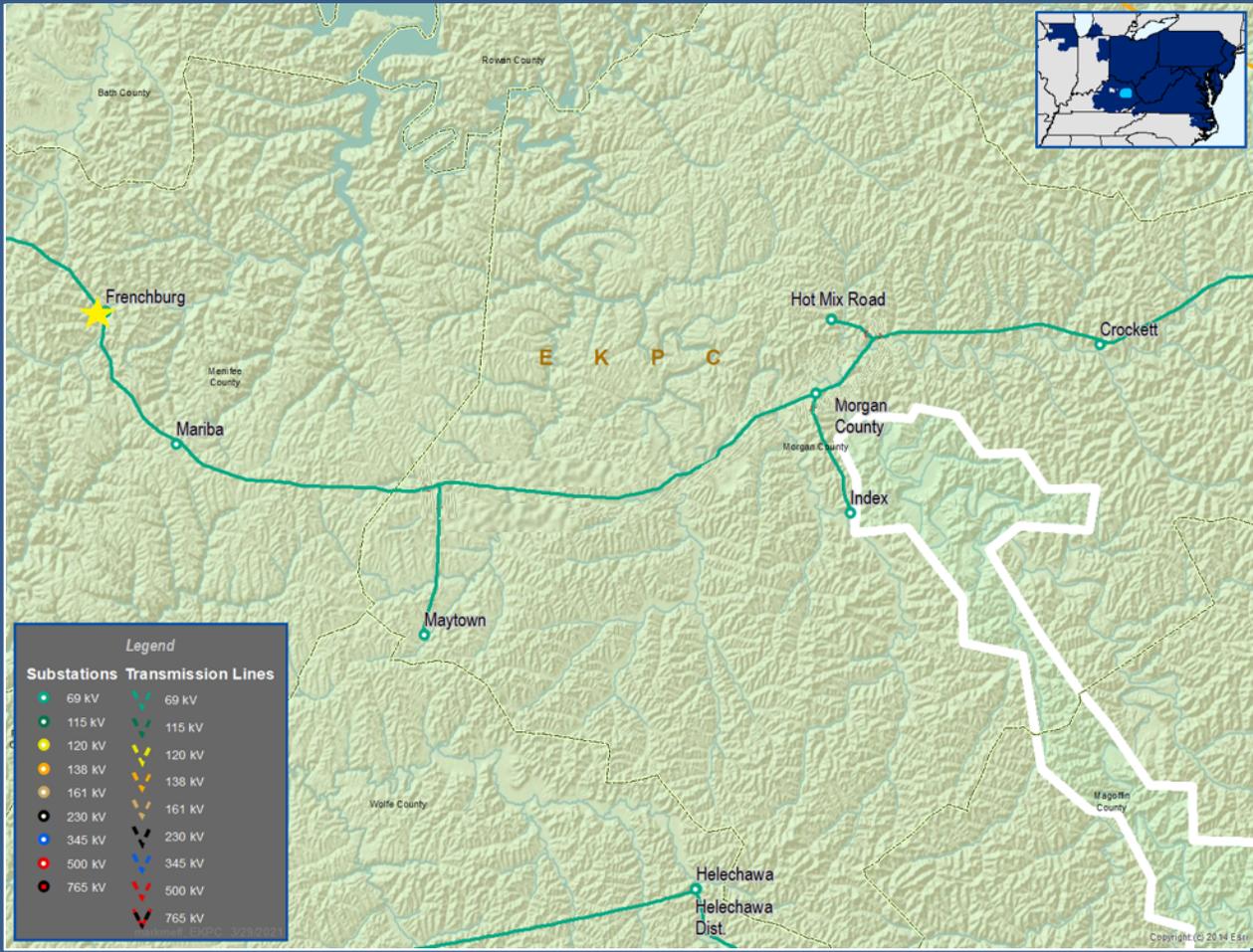
Specific Assumption Reference:

EKPC Assumptions Presentation Slide 13

Problem Statement:

Options have been evaluated to address aging condition issues of the Frenchburg distribution substation. It has been determined that more space is needed to achieve EKPC’s standard substation design requirements. EKPC’s planning department has been asked to evaluate the ongoing need of the Frenchburg 10.8 MVAR capacitor bank due to space limitations at the site.

Model: N/A



EKPC Transmission Zone M-3 Process Frenchburg

Need Number: EKPC-2023-002

Process Stage: Solutions Meeting – July 21, 2023

Proposed Solution:

It has been determined that the Frenchburg capacitor bank is no longer needed for voltage support in the area. The 10.8 MVAR capacitor bank will be removed during construction. The removal of the capacitor bank will provide the additional space needed to achieve EKPC’s standard substation design requirements, enabling the substation to be rebuilt on the existing property.

Transmission Cost: \$0.0M

Ancillary Benefits:

- None

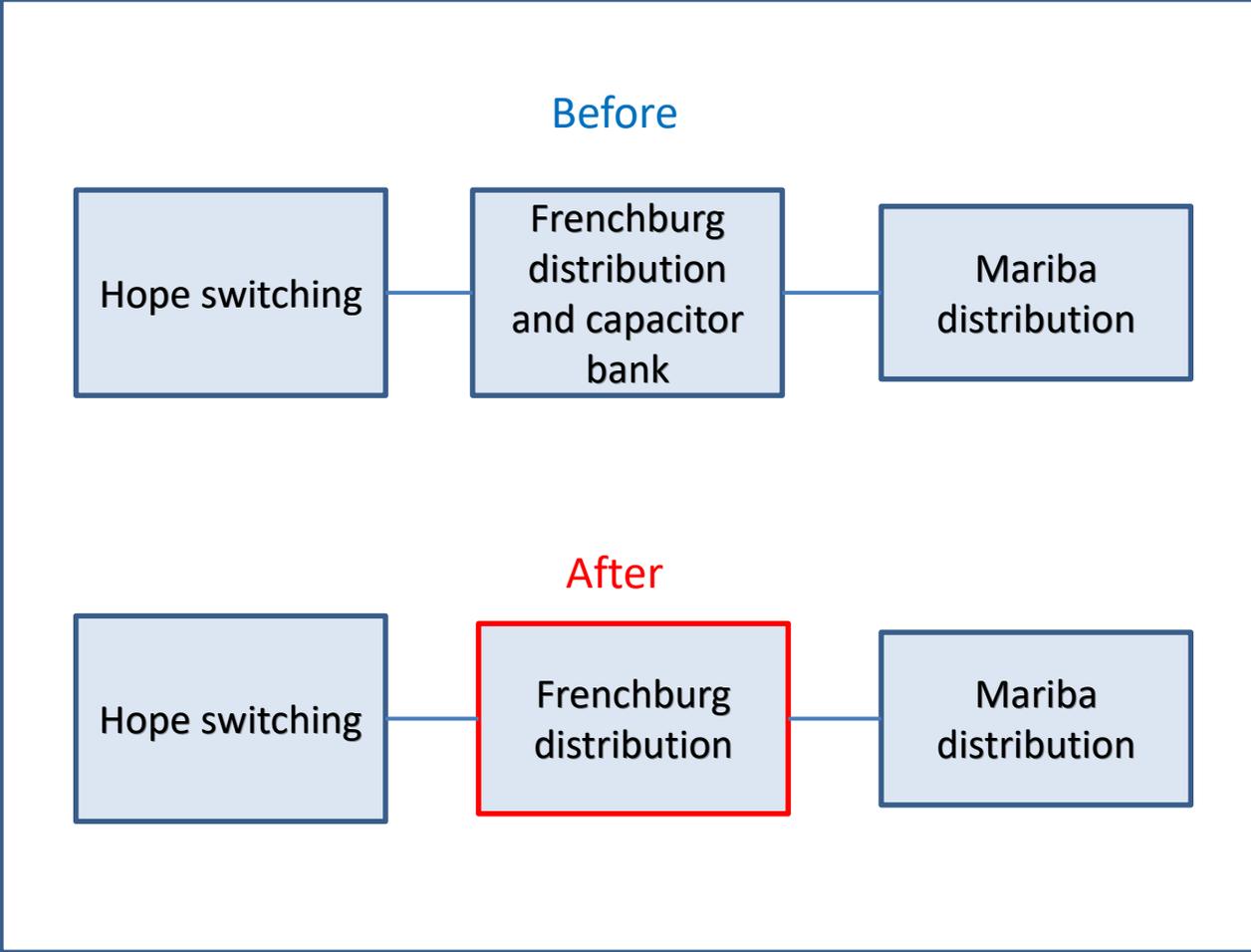
Alternatives Considered:

- None

Projected In-Service: 12/31/2023

Project Status: Engineering

Model: N/A



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

7/11/2023 – V1 – Original version posted to pjm.com