

SRRTEP Committee: Western DLC Supplemental Projects

August 19, 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: DUQ-2022-002

Process Stage: Solutions Meeting – 8/19/2022

Previously Presented: Needs Meeting – 4/22/2022

Supplemental Project Driver(s):

Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

Transmission infrastructure replacements that are consistent with efficient asset management decisions

Problem Statement:

Two Brunot Island 138/69 kV Transformers have increased failure probability due to:

- Aging/deterioration (both transformers are past its expected service life: Transformer #1 is 52 years old; Transformer #2 is 68 years old).
- Oil leaks from various gauges, pumps, and radiators
- Sudden pressure relay is degraded

Proposed Solution:

Replace the two Brunot Island 138/69 kV transformers.

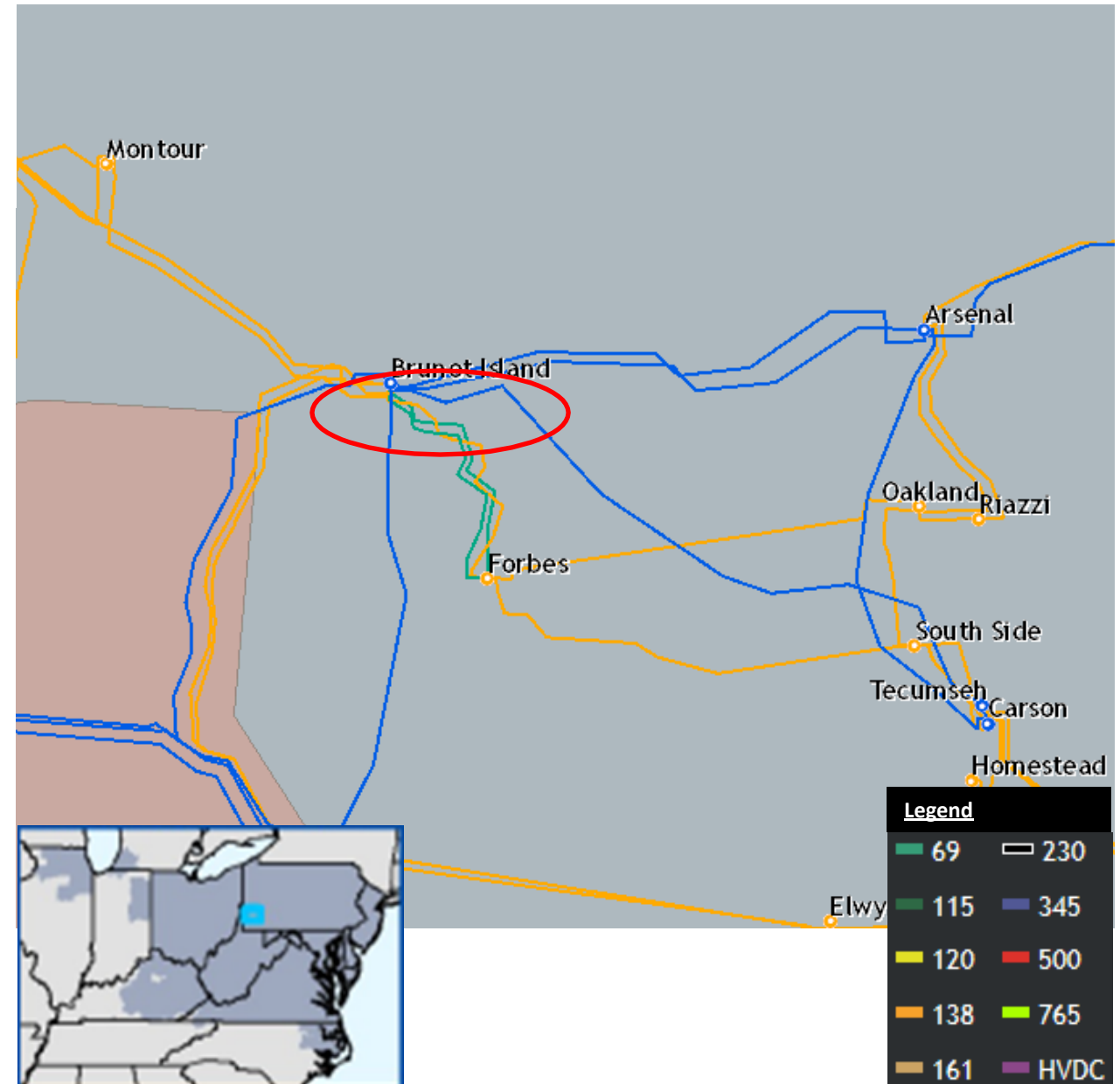
Alternatives Considered: Maintain existing condition

Estimated Cost: \$3.25M

Projected In-Service: May 2024

Project Status: Engineering and construction stage

Model: N/A



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

08/08/2022 – V1 – Original version posted to pjm.com