

Subregional RTEP Committee – Western Duquesne Light Supplemental Projects

May 15, 2026

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

DLCO Transmission Zone M-3 Process Brunot Island Substation

Need Number: DLC-2026-001
Process Stage: Solution Meeting SRRTEP-W - 05/15/2026
Previously Presented: Need Meeting 03/19/2026
Project Driver: Equipment Condition/Performance/Risk

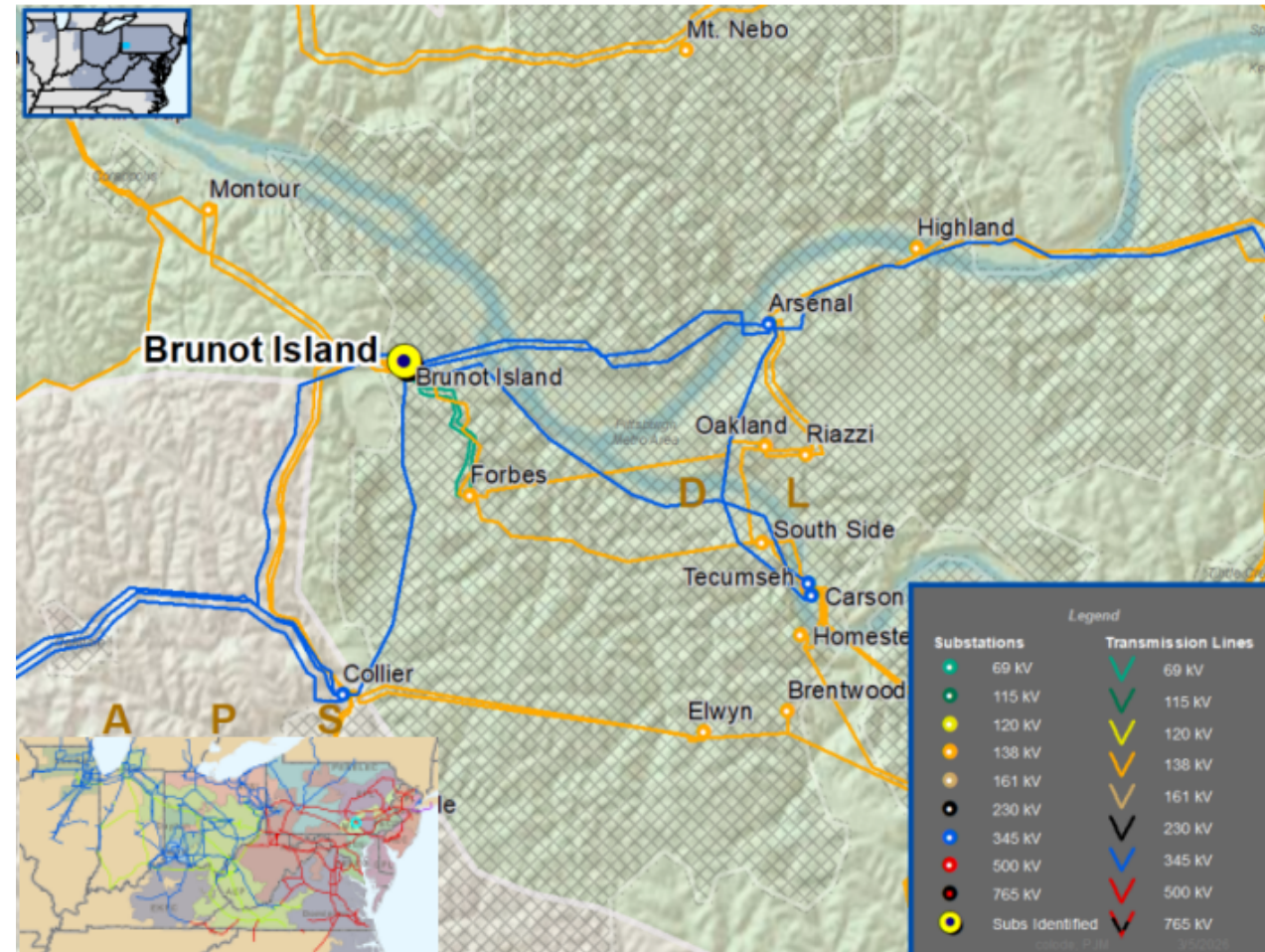
Specific Assumption References:

Slide 6 of the DLC 2026 Local Planning Assumptions.

Problem Statement:

Duquesne Light's Asset Management team has determined one 138 kV oil breaker at Brunot Island Substation has increased failure probability due to:

- Equipment Age (49 years)
- Obsolescence (Spare parts are not readily available)



DLCO Transmission Zone M-3 Process Brunot Island Substation

Need Number: DLC-2026-001

Process Stage: Solution Meeting SRRTEP-W - 05/15/2026

Proposed Solution:

Replace one aged 138 kV breaker with a modern breaker

Alternatives Considered:

Maintaining the existing condition of the equipment does not address the increased failure risk of the existing breaker.

Cost Estimate:

\$0.825 M

Projected In-Service:

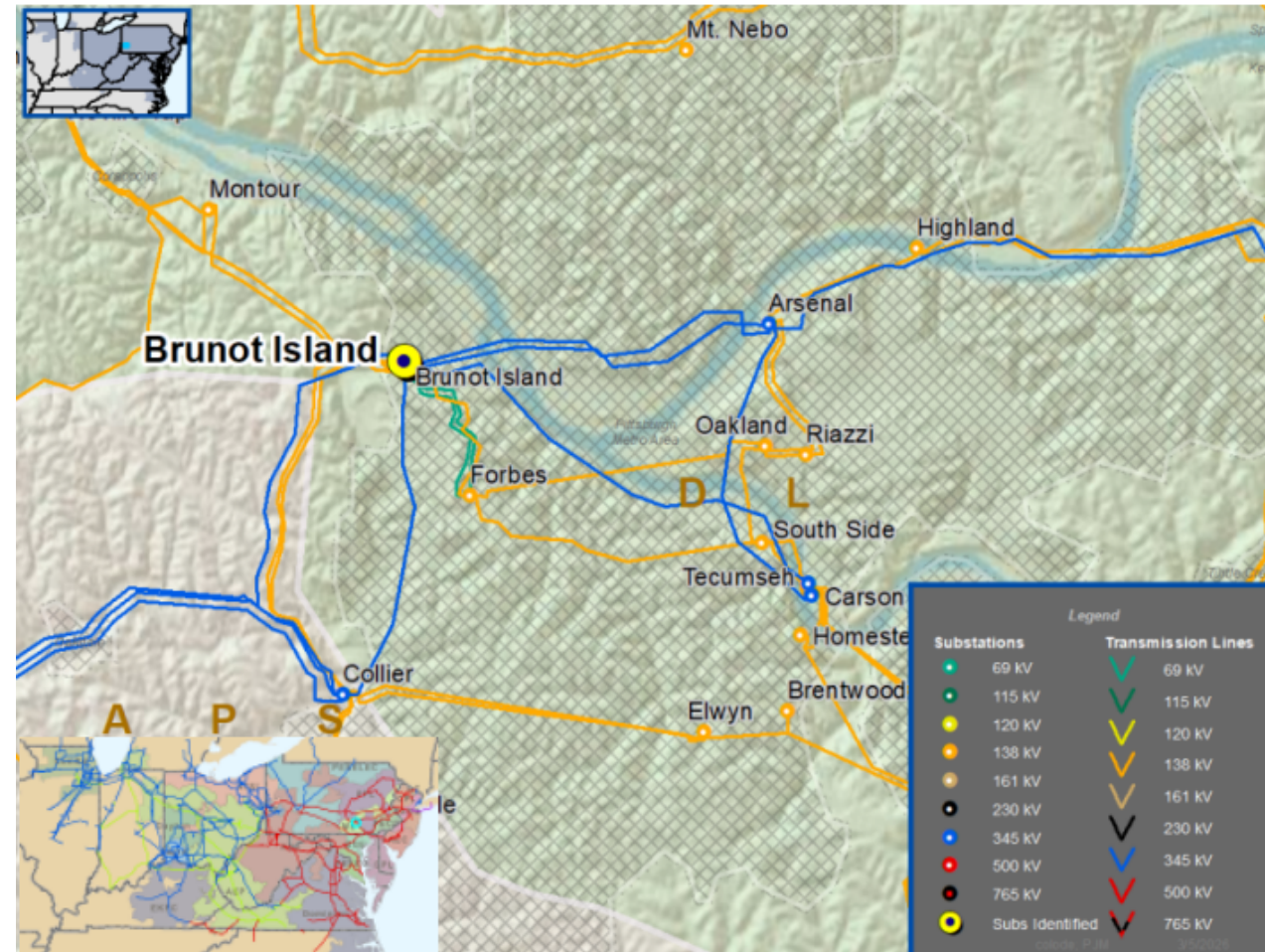
12/31/2026

Project Status:

Planning

Model:

2024 RTEP model for 2029
Summer & Winter (50/50)



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

5/10/2026– V1 – Original version posted to pjm.com

5/21/2026-V2 – Updated need number from DLCO-2026-001 to DLC-2026-001