

Subregional RTEP Committee - DLCO

February 14, 2025

Needs

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 Dravosburg, PA

Need Number: DLC-2025-002

Process Stage: Need Meeting 02/14/2025

Project Driver: Equipment Condition/Performance/Risk

Specific Assumption References:

Slide 6 of the DLC 2025 Local Planning Assumptions.

Problem Statement:

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

- Equipment Age (47 years)
- Obsolescence (Spare parts are not readily available)



DLCO Transmission Zone M-3 Process Carson, PA

Need Number: DLC-2025-001

Process Stage: Need Meeting 02/14/2025

Project Driver: Equipment Condition/Performance/Risk

Specific Assumption References:

Slide 6 of the DLC 2025 Local Planning Assumptions.

Problem Statement:

Duquesne Light's Asset Management team has determined two 138 kV oil breakers at Carson Substation have increased failure probability due to:

- Equipment Age (both 47 years)
- Obsolescence (Spare parts are not readily available)



DLCO Transmission Zone M-3 Process Findlay, PA

Need Number: DLC-2025-003

Process Stage: Need Meeting 02/14/2025

Project Driver: Equipment Condition/Performance/Risk

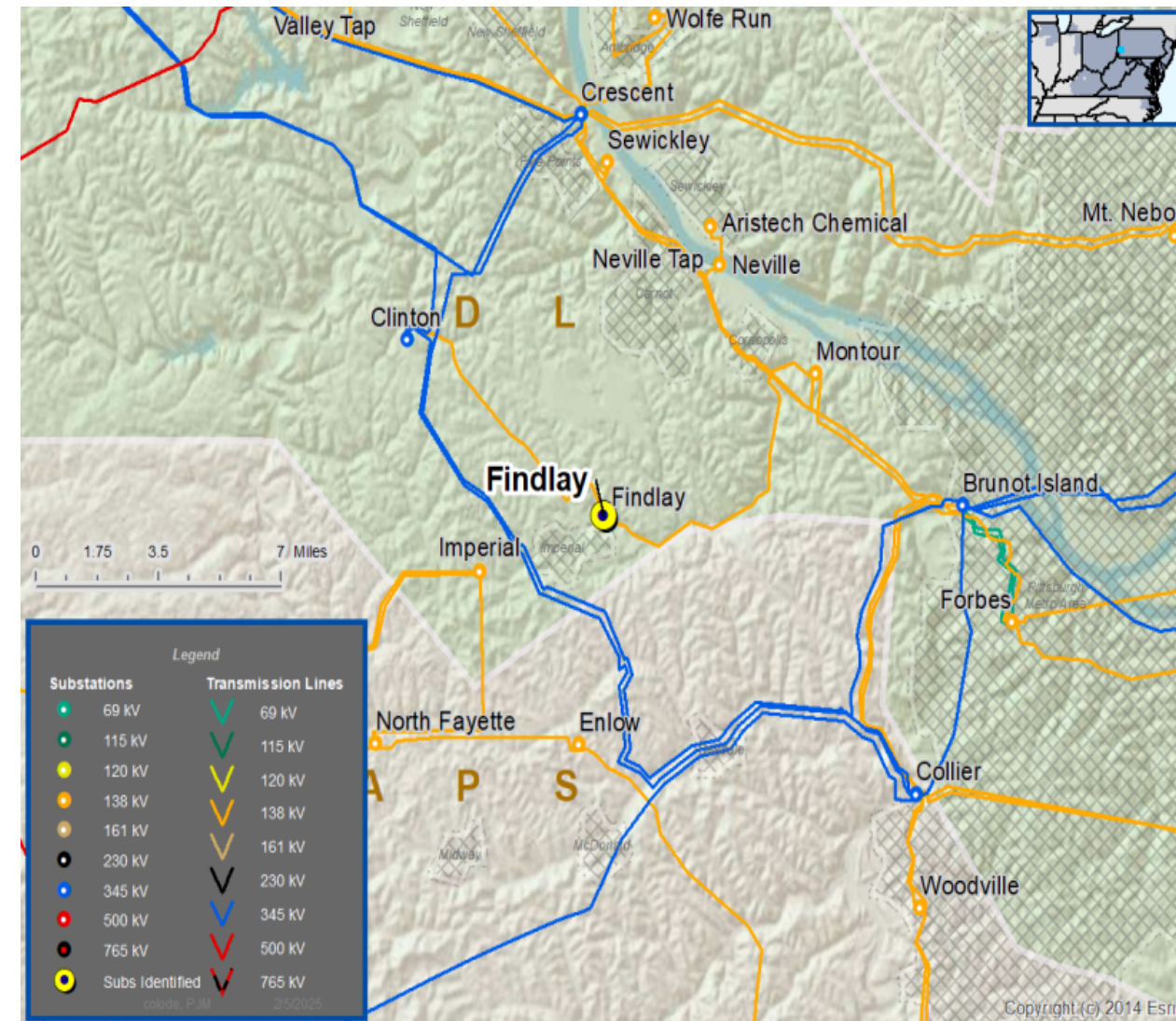
Specific Assumption References:

Slide 6 of the DLC 2025 Local Planning Assumptions.

Problem Statement:

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

- Equipment Age (34 years)
- Obsolescence (Spare parts are not readily available)
- Failed bushing power factor test



DLCO Transmission Zone M-3 Process Neville, PA

Need Number: DLC-2024-004

Process Stage: Need Meeting 02/14/2025

Project Driver: Equipment Condition/Performance/Risk

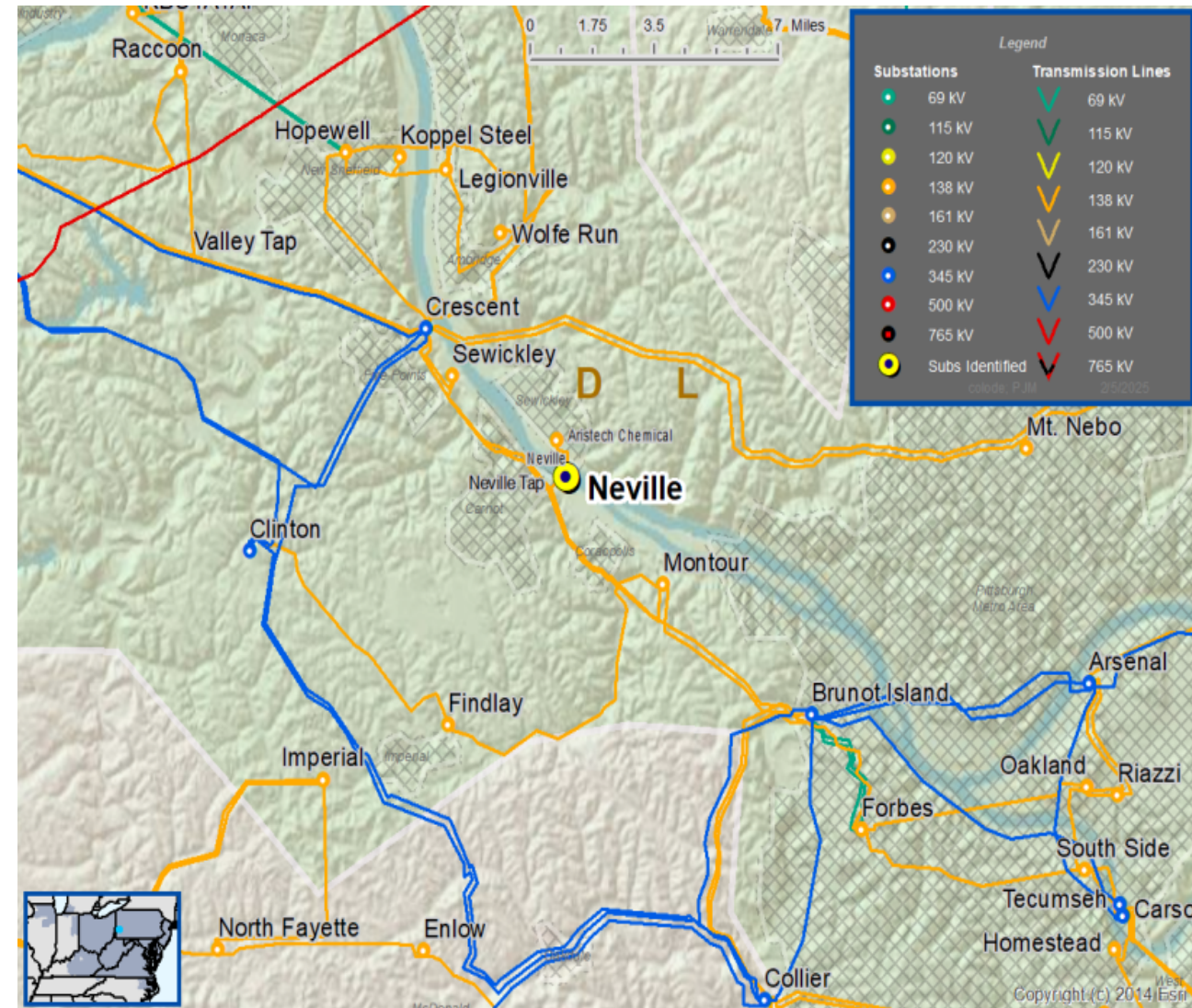
Specific Assumption References:

Slide 6 of the DLC 2025 Local Planning Assumptions.

Problem Statement:

Duquesne Light's Asset Management team has determined one oil circuit breaker at Neville Substation has increased failure probability due to:

- Equipment Age (55 years)
- Obsolescence (Spare parts are not readily available)



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

2/04/2025 – V1 – Original version posted to pjm.com

2/06/2025 – V2 – Maps updated