



# Mid-Atlantic Sub Regional RTEP Committee DPL Supplemental Projects

September 18, 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

**Need Number:** DPL-2025-002

**Process Stage:** Need Meeting 9/18/2025

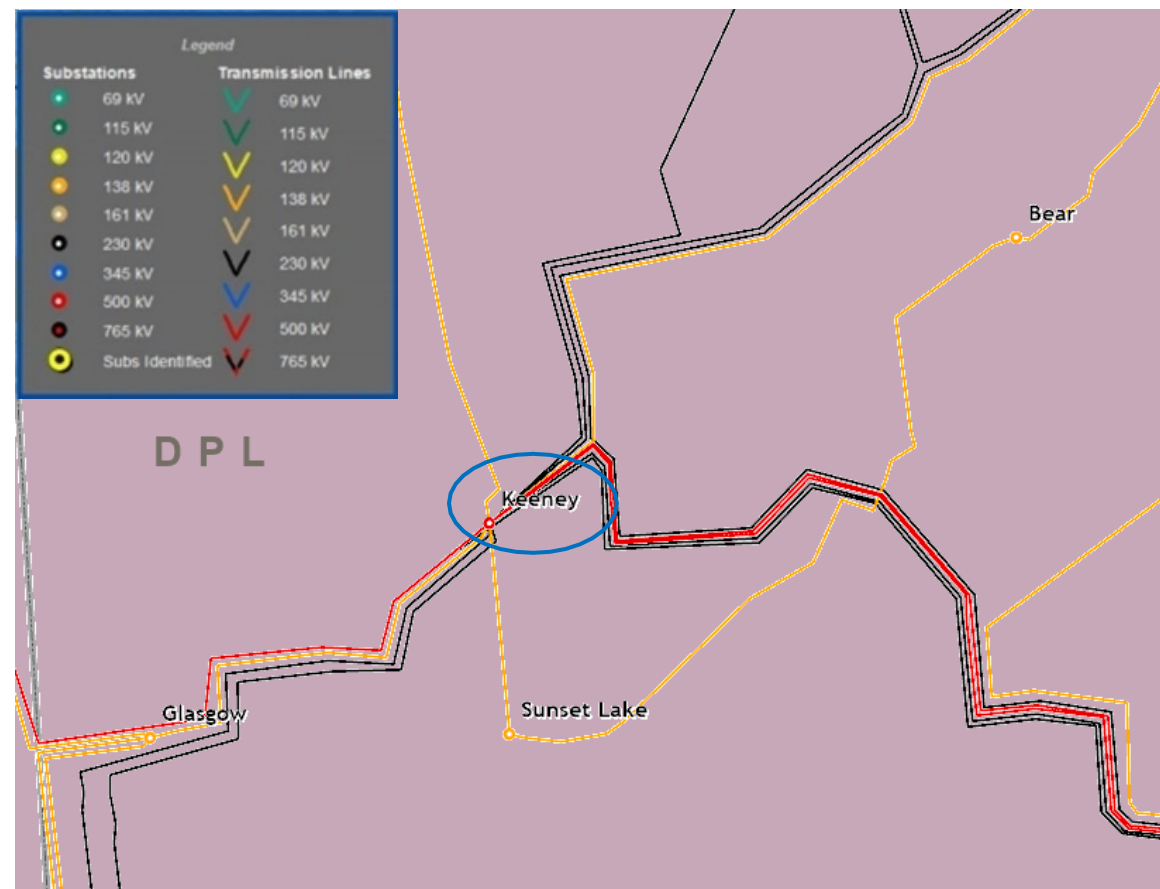
**Project Driver:** Operational Flexibility and Efficiency

**Specific Assumption Reference:**

- Increasing system capacity
- Remedy recurring operational problems

**Problem Statement:**

- The Keeney EHV to Keeney 138 kV line facility has experienced operational challenges due to real-time conditions, requiring operator actions.



# 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:** DPL-2025-001

**Process Stage:** Solution Meeting 9/18/2025

**Previously Presented:** Need Meeting 8/14/2025

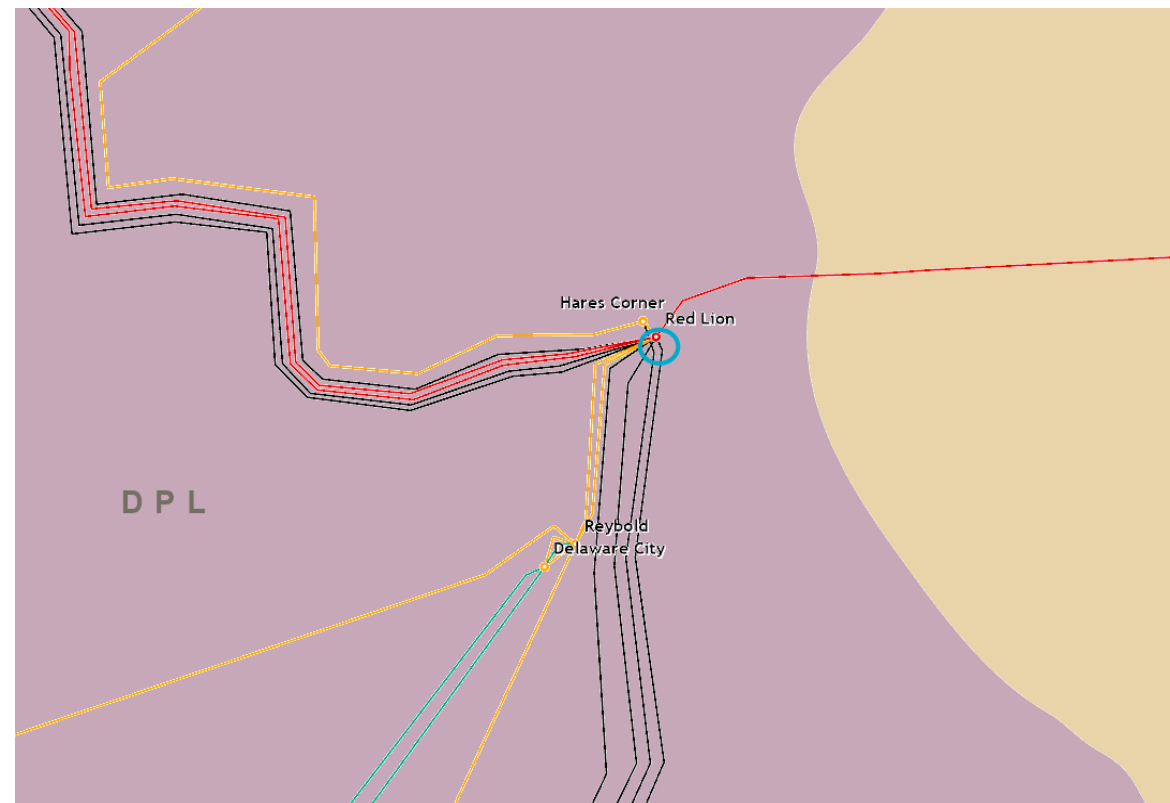
**Project Driver:** Customer Service

**Specific Assumption Reference:**

- Transmission system configuration changes due to new or expansion of existing distribution substations

**Problem Statement:**

- DPL capacity planning is forecasting additional industrial and residential load growth in the region located near Red Lion substation, and existing distribution facilities do not have the capacity to support this growing demand. Additionally, Red Lion substation has only a single distribution transformer, impacting reliability to customers in the region.



**Need Number:** DPL-2025-001

**Process Stage:** Solutions Meeting 9/18/2025

**Solution:**

- Install (2) new 2000A 138 kV breakers on the Red Lion 138kV ring bus to create a position for the new transformer

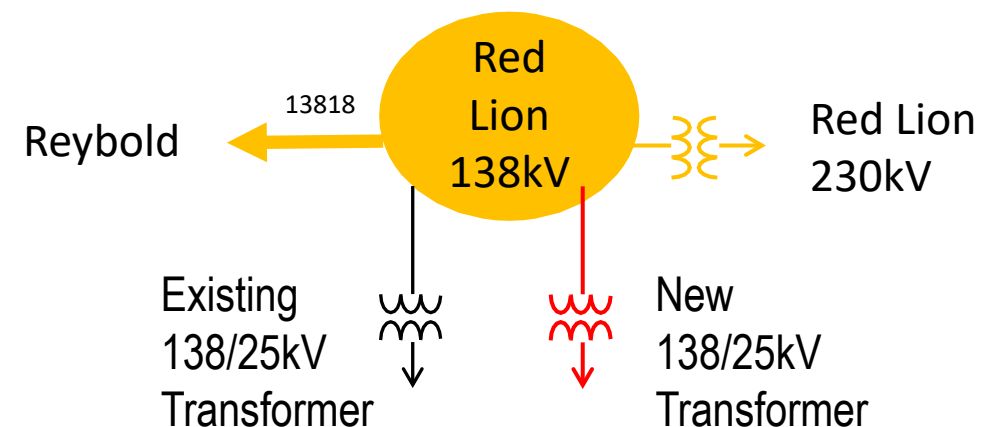
**Estimated Transmission Cost:** \$4.9 million

**Alternatives Considered:**

1. Replacement of existing transformer with a larger transformer does not address operational flexibility.

**In-Service:** 11/28/2025

**Project Status:** Construction



*New 25KV Transformer* █  
*Existing 25KV Transformer* █  
*Existing 138KV equipment* █

# 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

9/5/2025 – V1 – Original version posted to pjm.com