



Mid-Atlantic Sub Regional RTEP Committee
DPL
Supplemental Projects

April 14, 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

Need Number: DPL-2026-001

Process Stage: Solution Meeting 4/14/2026

Previously Presented: Need Meeting 3/18/2026

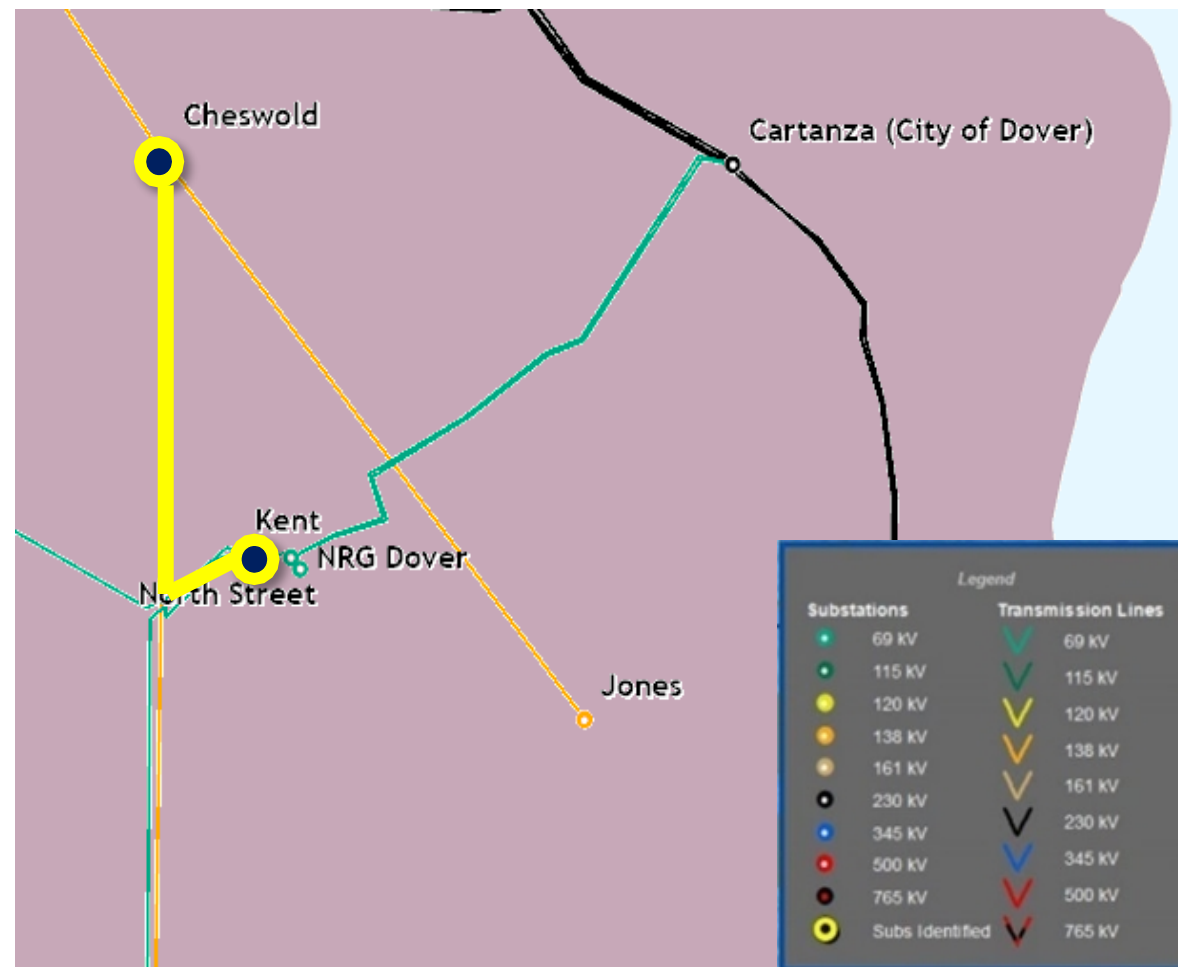
Project Driver: Equipment Material Condition, Performance and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions.
- Programmatic review and/or replacement of breakers, relays, wood poles, etc.

Problem Statement:

- The 6768 Cheswold – Kent line has obsolete electromechanical relays that are being phased out of the system. It is becoming difficult to service existing electromechanical relays.



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Process Stage: Solution Meeting 4/14/2026

Proposed Solution:

- Upgraded Cheswold – Kent Relays, and associated relay settings. The Relay replacement will result in increasing the associated facility ratings as seen below:

Cheswold – Kent			
MVA Ratings	SN/SLTE/SSTE/SLD	LN/LLTE/LSTE/LLD	WN/WLTE/WSTE/WLD
Existing	137/174/174/188	140/174/174/188	158/179/179/188
New	137/174/174/200	140/174/174/200	158/195/195/224

Estimated Transmission cost: \$625,000

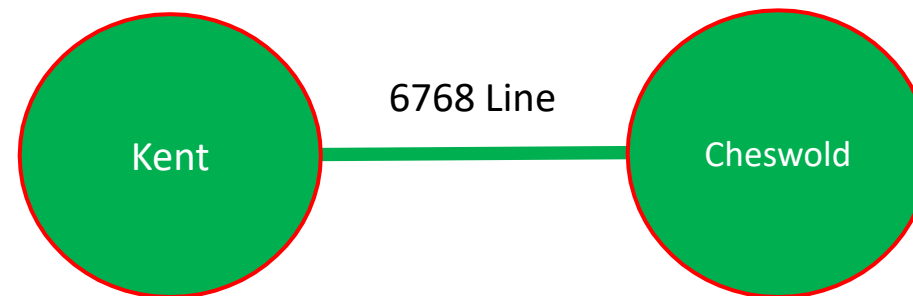
Alternatives Considered:


- No feasible alternatives

Projected In-Service: 06/07/2026

Project Status: Engineering

Model: 2030 RTEP.



Legend	
Existing 69kV	
Relay Upgrades	