

Submission of UGI Utilities Supplemental Projects for Inclusion in the Local Plan

Need Number: UGI-2022-0001

Process Stage: Submission of Supplemental Project for inclusion in the Local Plan
10/7/2024

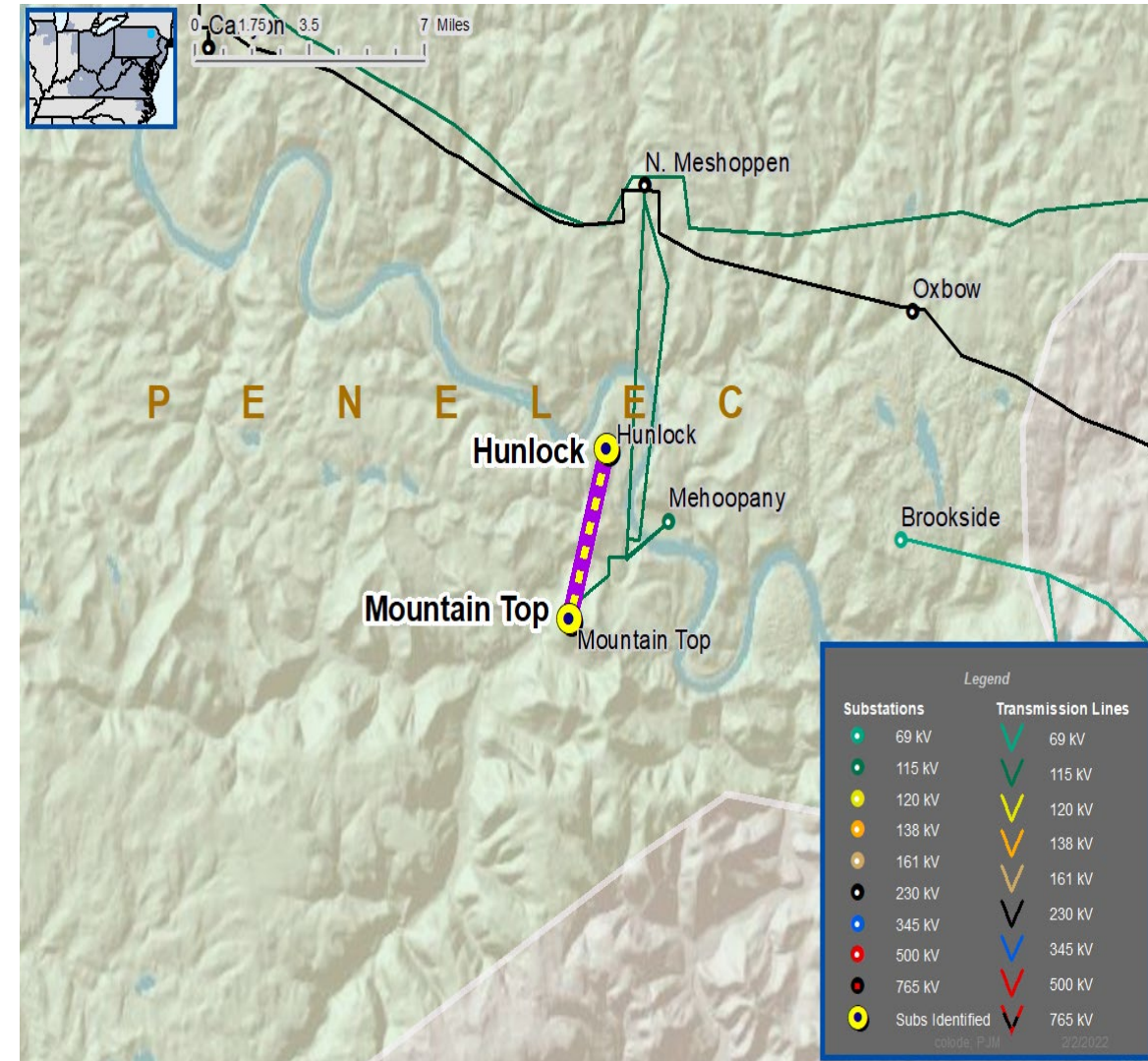
Previously Presented:

- Need Meeting: 02/17/2022
- Solution Meeting: 08/18/2022

Project Driver: Customer Service

Specific Assumptions References: [UGI Utilities, Inc. Electric Division 2024 Annual Planning Assumptions](#)

- **Problem Statement:** Expected load growth from several new and existing customers will result in a thermal violation on the Hunlock–Mountain #1 66kV Line under peak load conditions for an N-1 contingency.



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Proposed Solution:

- Provide an additional networked source to Loomis Substation.
 - Construct a 66kV high side bus at Hanover Substation.
 - Extend Hanover Tap 66kV line to Loomis #2 66kV bus (0.8mi).

Estimated Project Cost: \$6M

Alternatives Considered:

- Rebuild/Reconductor Hunlock–Mountain #1 66kV line.
 - 7.5mi double circuit line over very challenging terrain.
 - 1920s vintage structures at structural capacity
 - Estimated Cost: \$25M

Includes Operational Flexibility and Efficiency and Infrastructure Resilience Benefits

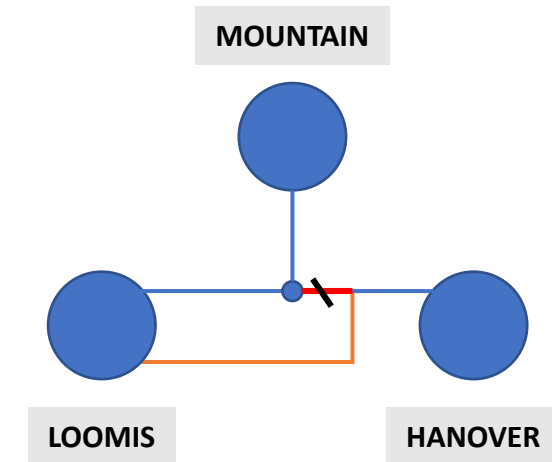
Projected In-Service Date (Hanover Substation): 11/2025

Projected In-Service Date (Loomis Line): Summer 2026

Supplemental Project ID: s2834

Project Status: Engineering

Model: 2025 RTEP



Revision History

- V1 – s2834 added to the 2024 Local Plan