Transmission Expansion Advisory Committee – UGI Supplemental Projects

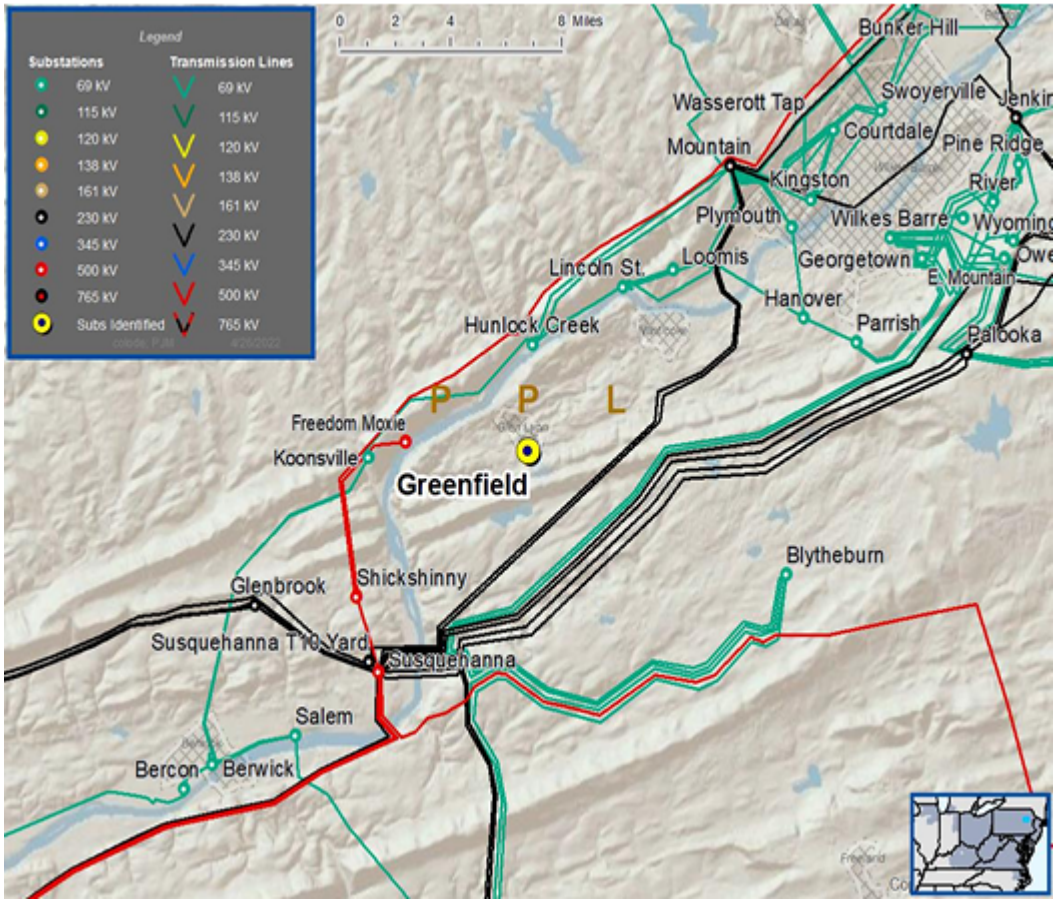
March 2026

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

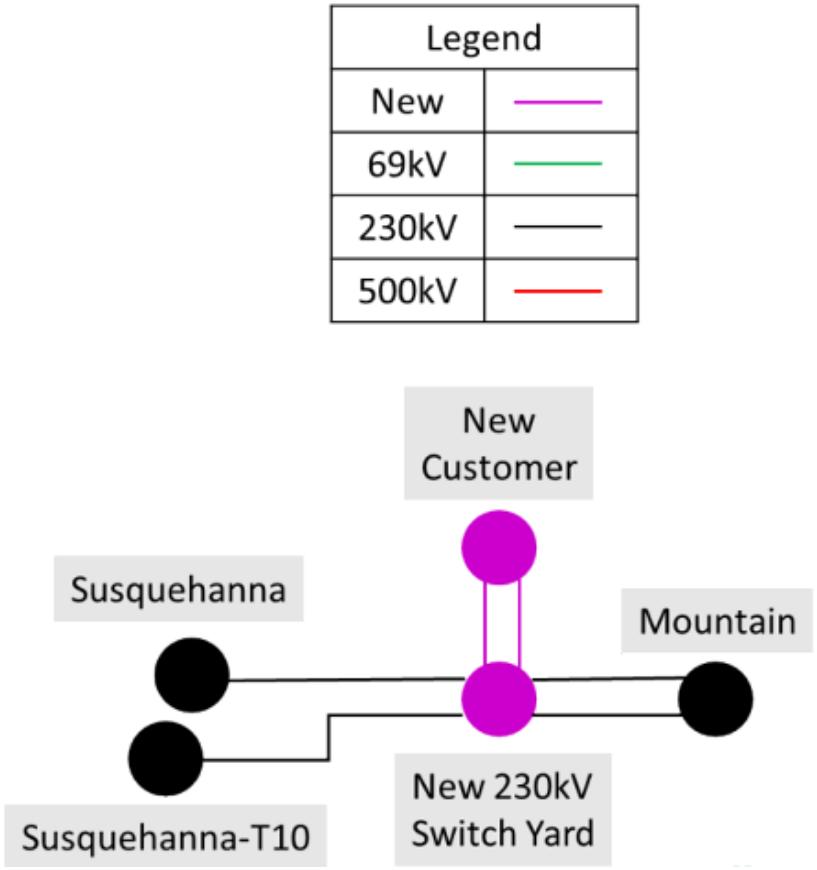
UGI Utilities: Supplemental

- Need Number: UGI-2022-0002
- Needs Presented: 5/10/2022
- Solutions Presented: 8/9/2022
- Process Stage: **Cancelled**
- Project Driver: Customer Service
- Specific Assumptions References: UGI Utilities, Inc. Electric Division 2022 Annual Planning Assumptions
- Problem Statement: Transmission service request for a new large load customer in Nanticoke area.
- Initial In-Service Load & Date Projected Full Load & Date 108 MW – 6/2025 384 MW – 6/2027



UGI Utilities: Supplemental

- Need Number: UGI-2022-0002
- Process Stage: Solution 8/9/2022
- Proposed Solution:
  - Construct a new 230kV Switch Yard (nine (9) breakers in a breaker & half configuration).
  - Construct two (2) – 230kV supply lines ~ 2.5 miles to customer facility.
- Alternatives Considered:
  - None (customer supply and reliability requirements)
- Estimated Project Cost: $33M
- Project In-Service Date: 6/2027
- Project Status: **Cancelled**
- Reason for Cancellation: Developer is no longer seeking service at this location.



UGI Utilities: Supplemental

Need Number: UGI-2026-0001

Process Stage: Solution Meeting TEAC - 03/10/2026

Previously Presented: Need Meeting 01/15/2026

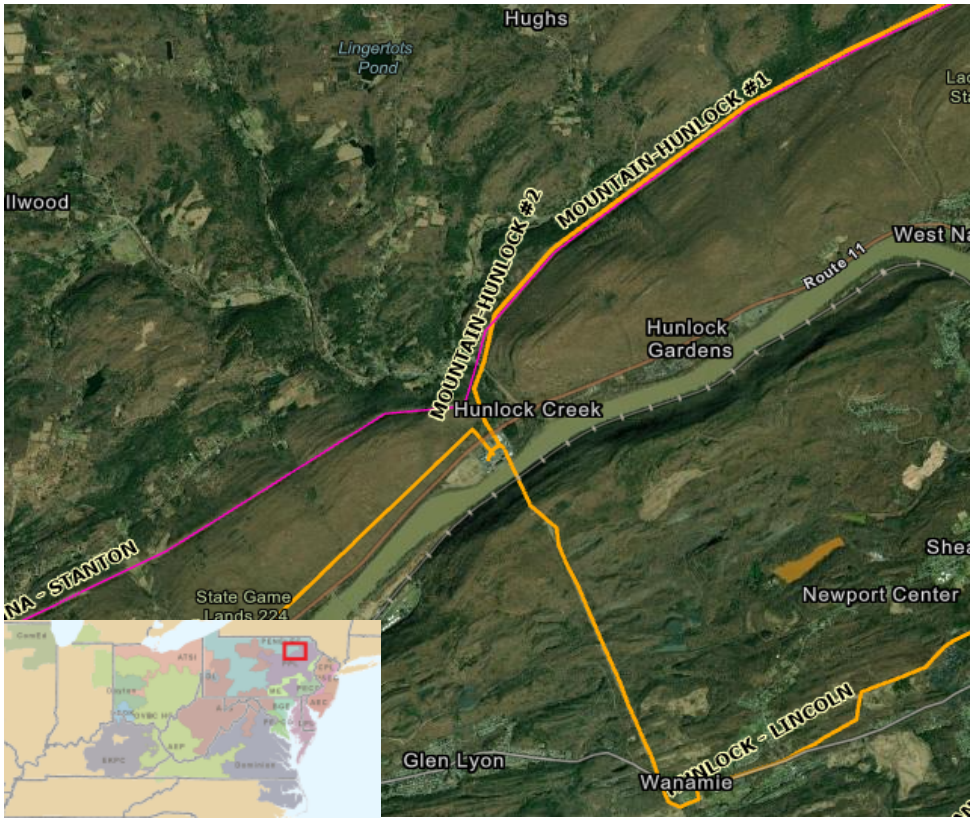
Project Driver: Customer Service

Specific Assumption References:

UGI 2025 Annual Assumptions

Problem Statement:

A customer
located next to Hunlock Creek Substatio n has requested service at 66kV to serve an initial load of 100MW and a total load of 200MW. The initial 100MW has a requested in-service date by Q4 of 2027 and the second 100MW has a requested in-service date by Q4 of 2029.



UGI Utilities: Supplemental

Need number(s): UGI-2026-0001

Process Stage: Solution Meeting TEAC - 03/10/2026

Proposed Solution:

Mountain 66kV Bus #2: Feed the first 100MW by Q4 2027 from the 66kV Mountain-Hunlock #2 line. An upgrade to the 66kV bus at Mountain Substation is needed to prevent overload conditions on the #2 bus for an N-1 contingency of the #1 bus.. Estimated Cost: $2 M

Mountain Hunlock #2: Tap and termination off of existing Mountain Hunlock #2 66kV line. Estimated Cost: $6 M

Newport Substation 230/66kV: To feed the second 100MW requested by Q4 2029 UGI will need to construct a new 230/66kV two transformer substation. A 66kV double circuit line will be constructed from the new substation to a ring-bus located near the end-use facility.. Estimated Cost: $65 M

Newport to Hunlock Double Circuit: Construct Approximately 4 miles new 795.5MCM double circuit 66kV to feed customer facility.. Estimated Cost: $12 M

Susq-T10 230kV Tap: Construct approximately 0.75 miles of 230kV double circuit cut in from Susquehanna T10 230kV Line to feed new 230kV/66kV Substation.. Estimated Cost: $5 M

Utility Owned Ring Bus: Ring bus to feed customer facility. Estimated Cost: $4 M

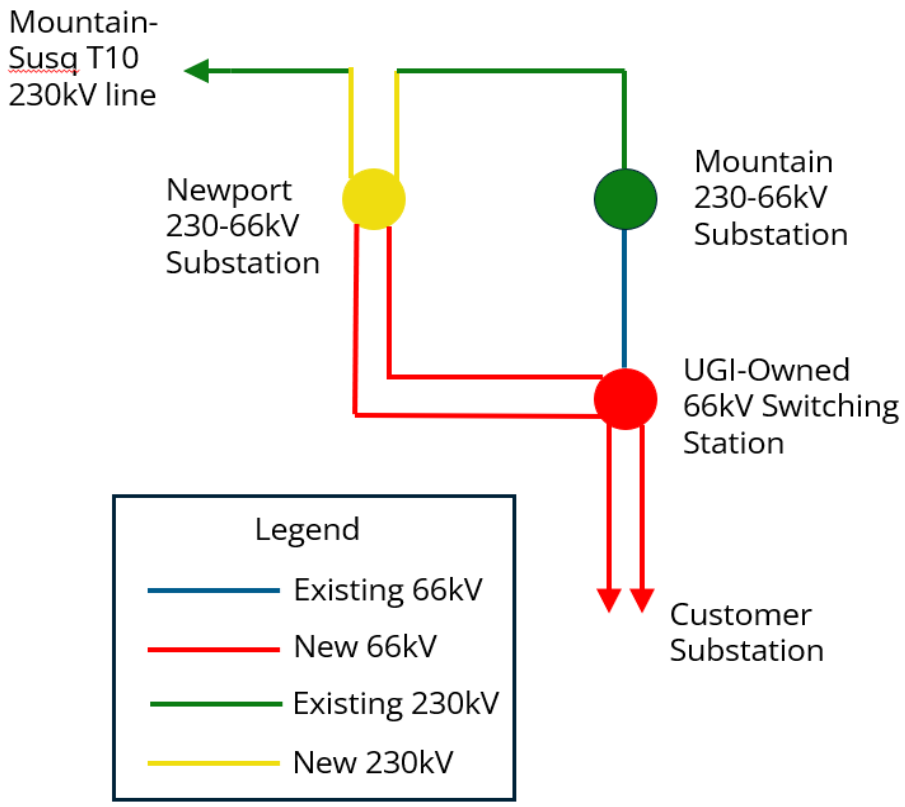
Transmission Cost Estimate: $94 M

Alternatives Considered:

No feasible alternatives

Projected In-Service: 09/30/2029

Project Status: Engineering



Energy to do more®

Questions?

Revision History

- 2/27/2026 – Posted to PJM.com