



# Submission of Supplemental Projects for Inclusion in the 2026 Local Plan

**Need Number:** UGI-2023-0001

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan  
03/06/2026

**Previously Presented:** Need Meeting  
04/20/2023

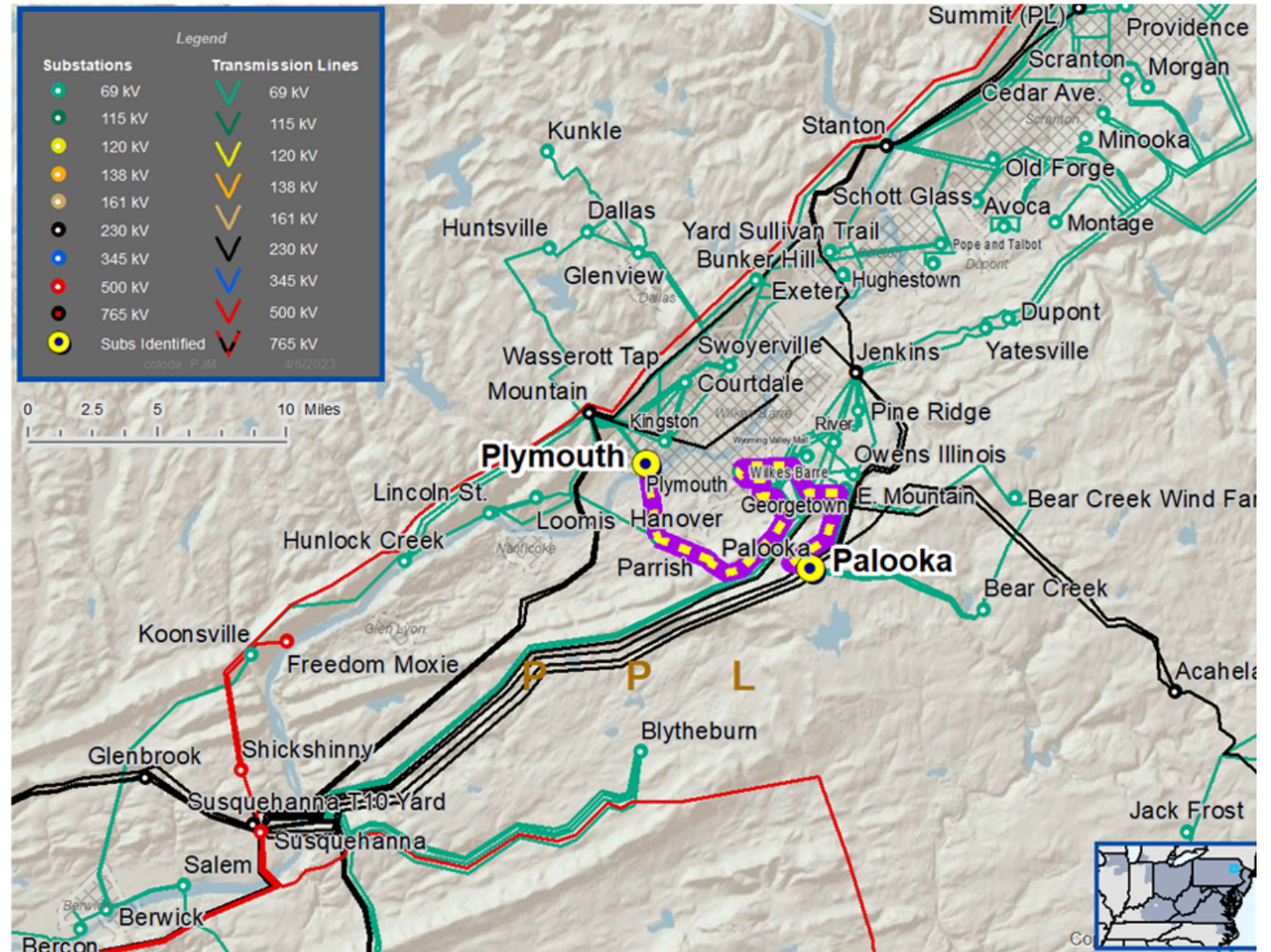
**Project Driver:** Equipment Condition/Performance/Risk

**Specific Assumption References:**

- Asset health and age - Ability to service and maintain lines and equipment - Asset modernization and standardization

**Problem Statement:**

The 66kV lattice transmission towers on the Plymouth to Palooka (PPL) were placed in-service in 1929 and are at end-of-life. The transmission line is comprised of 556.5 MCM ACSR, 266.8 MCM ACSR and 3/0 Copper limiting capacity.





## M-3 Process UGI Transmission Zone

**Need number(s):** UGI-2023-0001

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 03/06/2026

### Proposed Solution:

**Plymouth-Palooka:** The 66kV lattice transmission towers on the Plymouth to Palooka (PPL) line were placed in-service in 1929 and are at end-of-life. The transmission line is comprised of 556.5 MCM ACSR, 266.8 MCM ACSR and 3/0 Copper limiting capacity. Twenty-Five (25) lattice towers are direct buried and experiencing deterioration. Lattice towers do not meet current design and testing standards. . Estimated Cost: \$20 M (\$3753.1)

**Transmission Cost Estimate:** \$20 M

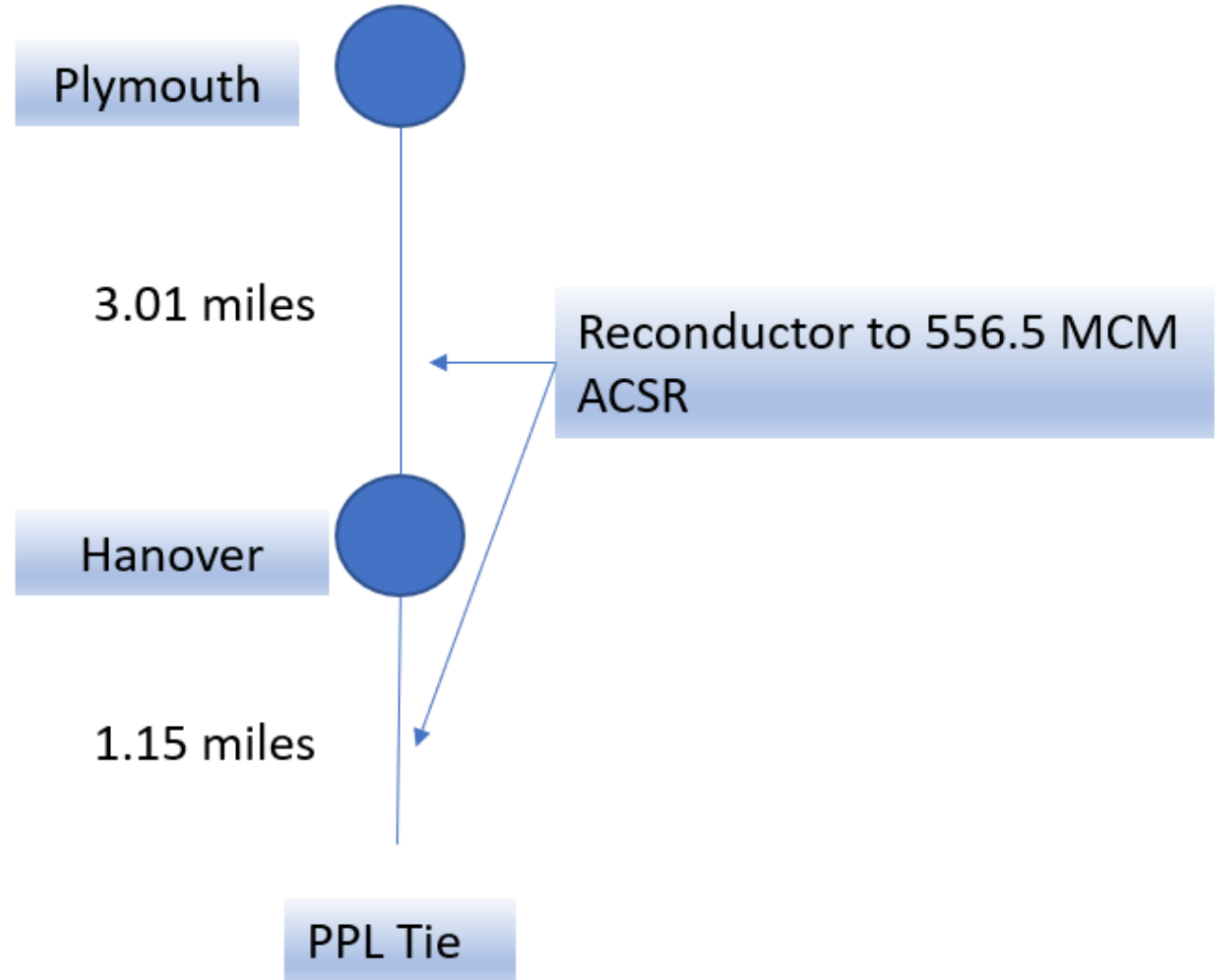
### Alternatives Considered:

Maintain existing condition with reliability risk to customers.

Estimated Project Cost: \$20M

**Projected In-Service:** 09/30/2026

**Project Status:** Engineering





# UGI Transmission Zone M-3 Process

**Need Number:** UGI-2026-0002

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 09/03/2026

**Previously Presented:** Solution Meeting 03/18/2026. Need Meeting 01/15/2026

**Project Driver:** Customer Service, Infrastructure Resilience, Operational Flexibility and Efficiency

**Specific Assumption References:**

UGI 2025 Annual Assumptions

**Problem Statement:**

UGI distribution planners have identified existing thermal violations on the Swoyersville #1 and #2 66/13kV transformer, #1 and #2 13kV bus, and several distribution feeders under peak load conditions for an N-1 contingency.





## UGI Transmission Zone M-3 Process null

**Need number(s):** UGI-2026-0002

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan  
09/03/2026

**Proposed Solution:**

8th Street Substation (s3899.1)

- Construct a new 66/13kV single transformer substation. Load will be permanently transferred onto the new substation that will alleviate the loading concerns at Swoyersville Substation. Additional feeds from this new substation will address distribution reliability issues an several worst performing feeders.
- Estimated Cost: \$6.5 M

**Ratings MVA (SN/SE/WN/WE):**

8th Street Substation (s3899.1)

**Alternatives Considered:**

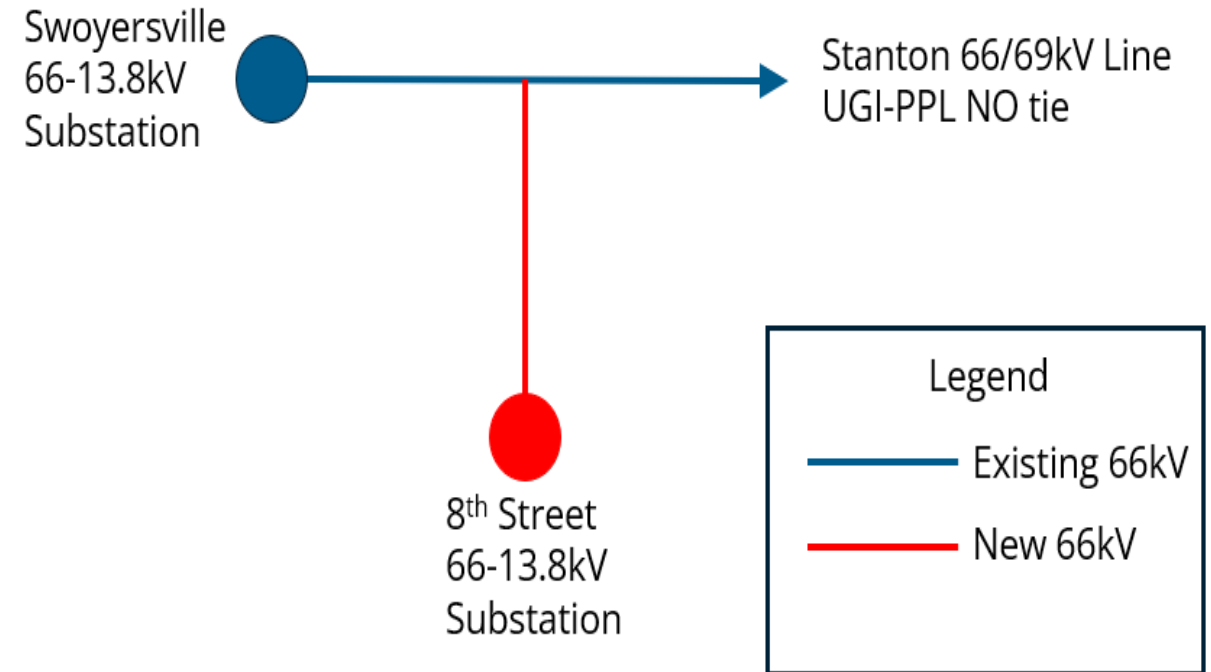
N/A

**Transmission Cost Estimate:** \$6.5 M

**Projected In-Service:** 09/30/2027

**Project Status:** Engineering

**Model:** Not Available



# Revision History

3/6/2026 – V1 – Posted s3753.1

9/3/2026 –v2 – Posted s3899.1