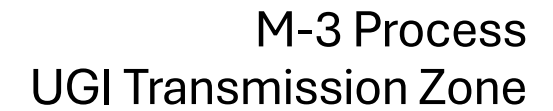




Submission of Supplemental Projects for Inclusion in the 2026 Local Plan



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 (s3753.1)

Transmission Cost Estimate: \$20 M

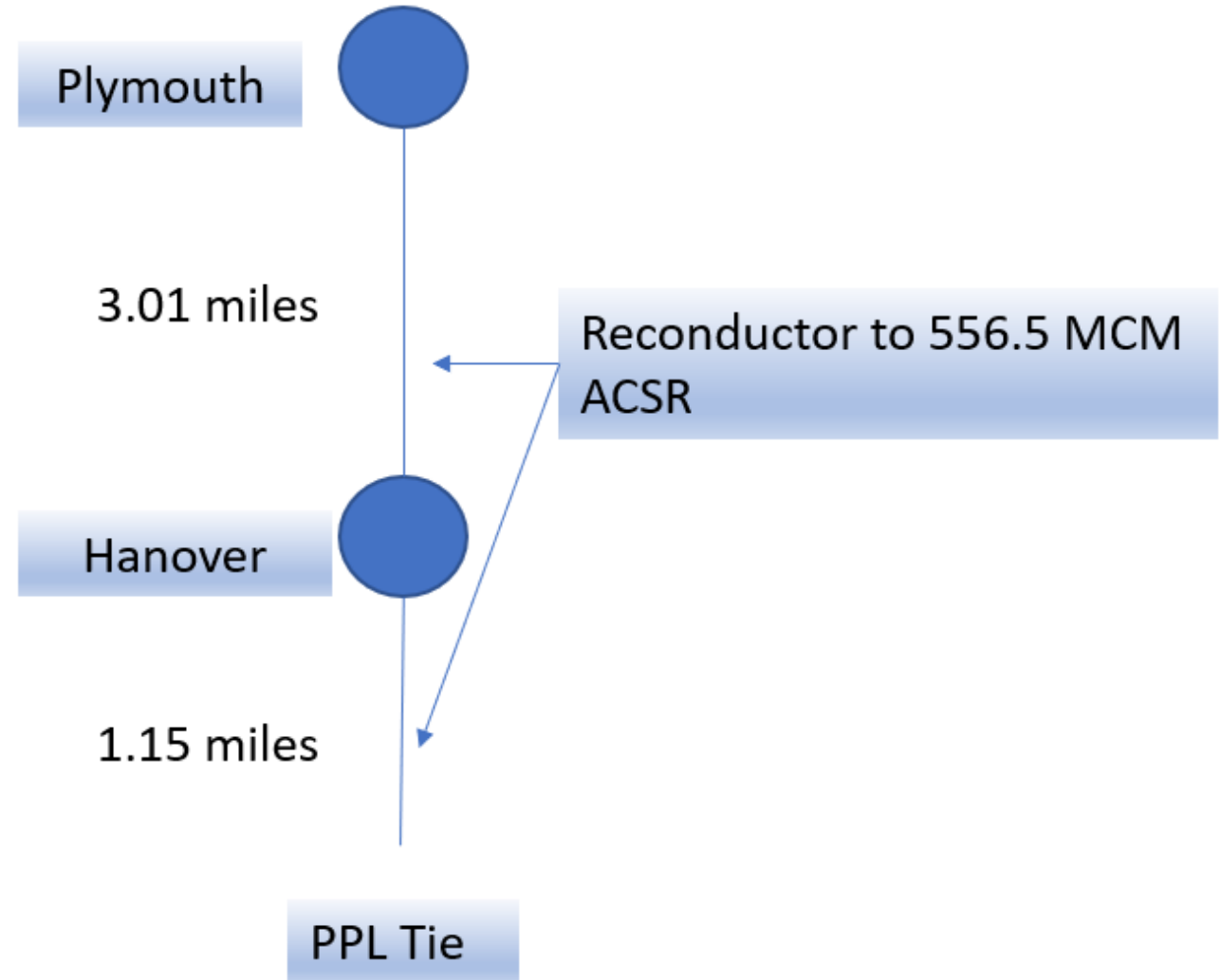
Alternatives Considered:

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

null

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:

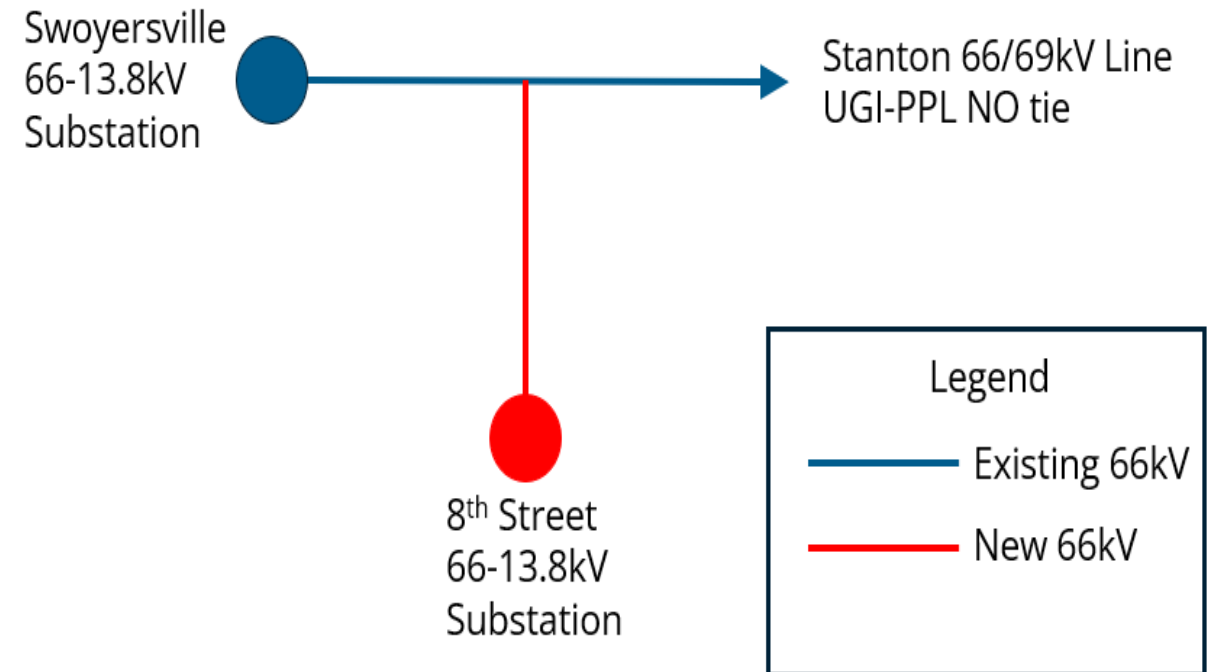
N/A

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