

SRRTEP Committee: Western DLC Supplemental Projects

DLCO Transmission Zone M-3 Process Pittsburgh, PA

Need Number: DUQ-2022-002

Process Stage: Submission of Supplemental Project for Inclusion in the Local Plan – 1/18/2023

Previously Presented: Needs Meeting – 4/22/2022
Solutions meeting – 8/19/2022

Supplemental Project Driver(s):

Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

Transmission infrastructure replacements that are consistent with efficient asset management decisions

Problem Statement:

Two Brunot Island 138/69 kV Transformers have increased failure probability due to:

- Aging/deterioration (both transformers are past its expected service life: Transformer #1 is 52 years old; Transformer #2 is 68 years old).
- Oil leaks from various gauges, pumps, and radiators
- Sudden pressure relay is degraded

Proposed Solution:

Replace the two Brunot Island 138/69 kV transformers.

Alternatives Considered: Maintain existing condition

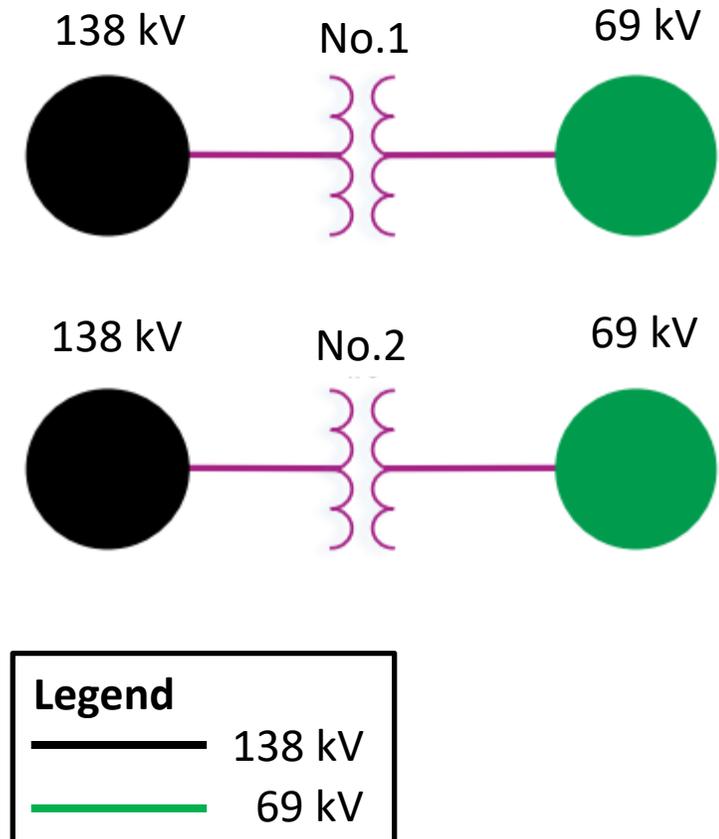
Estimated Cost: \$3.25M

Projected In-Service: May 2024

Supplemental Project ID: s2826

Project Status: Engineering and construction stage

Model: N/A



Revision History

1/18/2023 – V1 – Original version posted to PJM.com (