

PEPCO 2024

Submission of Supplemental Projects for Inclusion in the Local Plan

Submission of Supplemental Projects for Inclusion in the Local Plan

Need Number: PEP-2023-011

Process Stage:

Submission of Supplemental Project for inclusion in the Local Plan 4/25/2024

Previously Presented:

- Need Meeting 10/19/2023
- Solutions Meeting 11/16/2023

Project Driver:

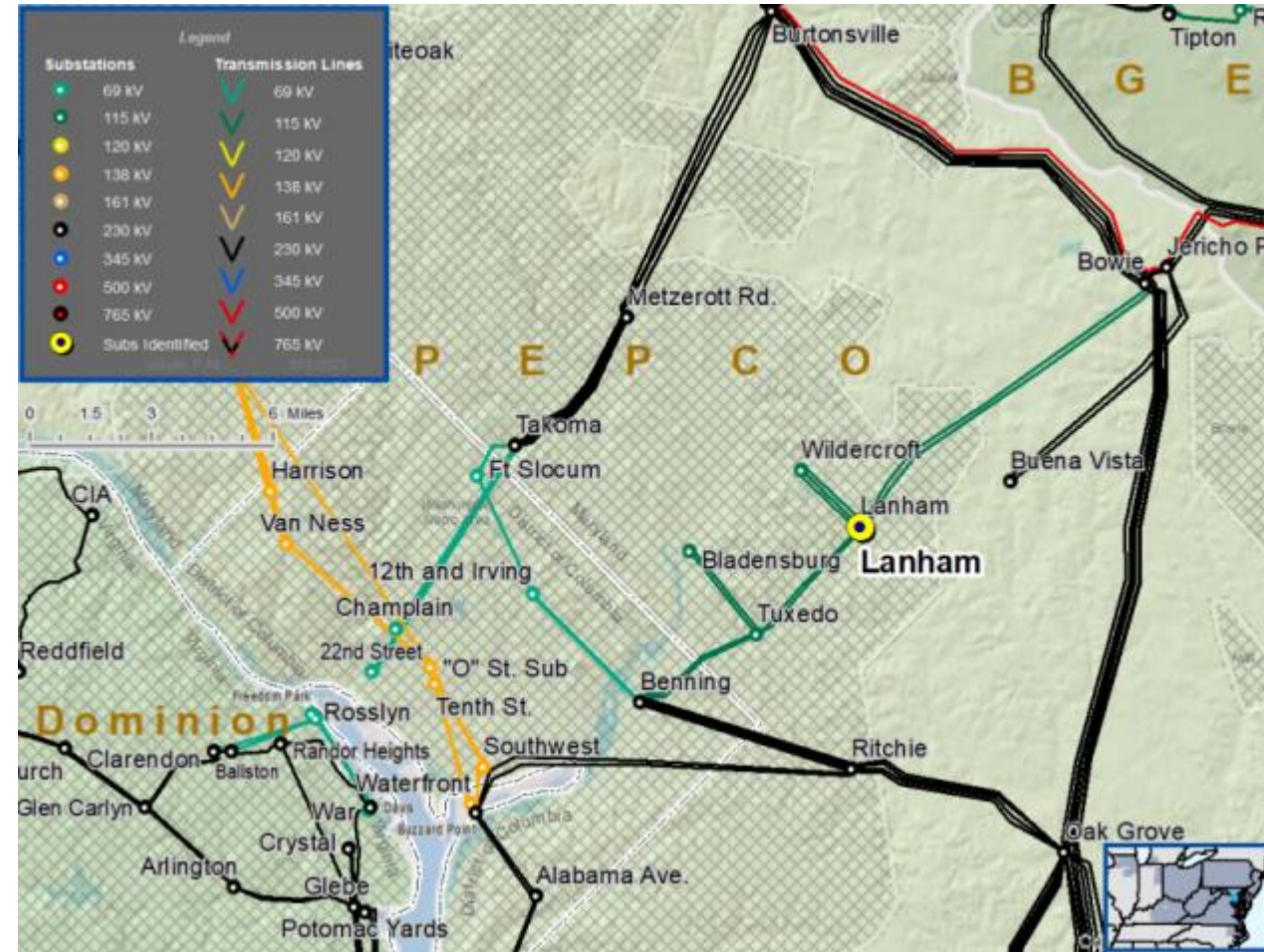
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, etc.

Problem Statement:

115kV circuit breaker 2A at Lanham substation was installed in 1962. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost



Need Number: PEP-2023-011

Process Stage:

Submission of Supplemental Project for inclusion in the
Local Plan 4/25/2024

Selected Solution:

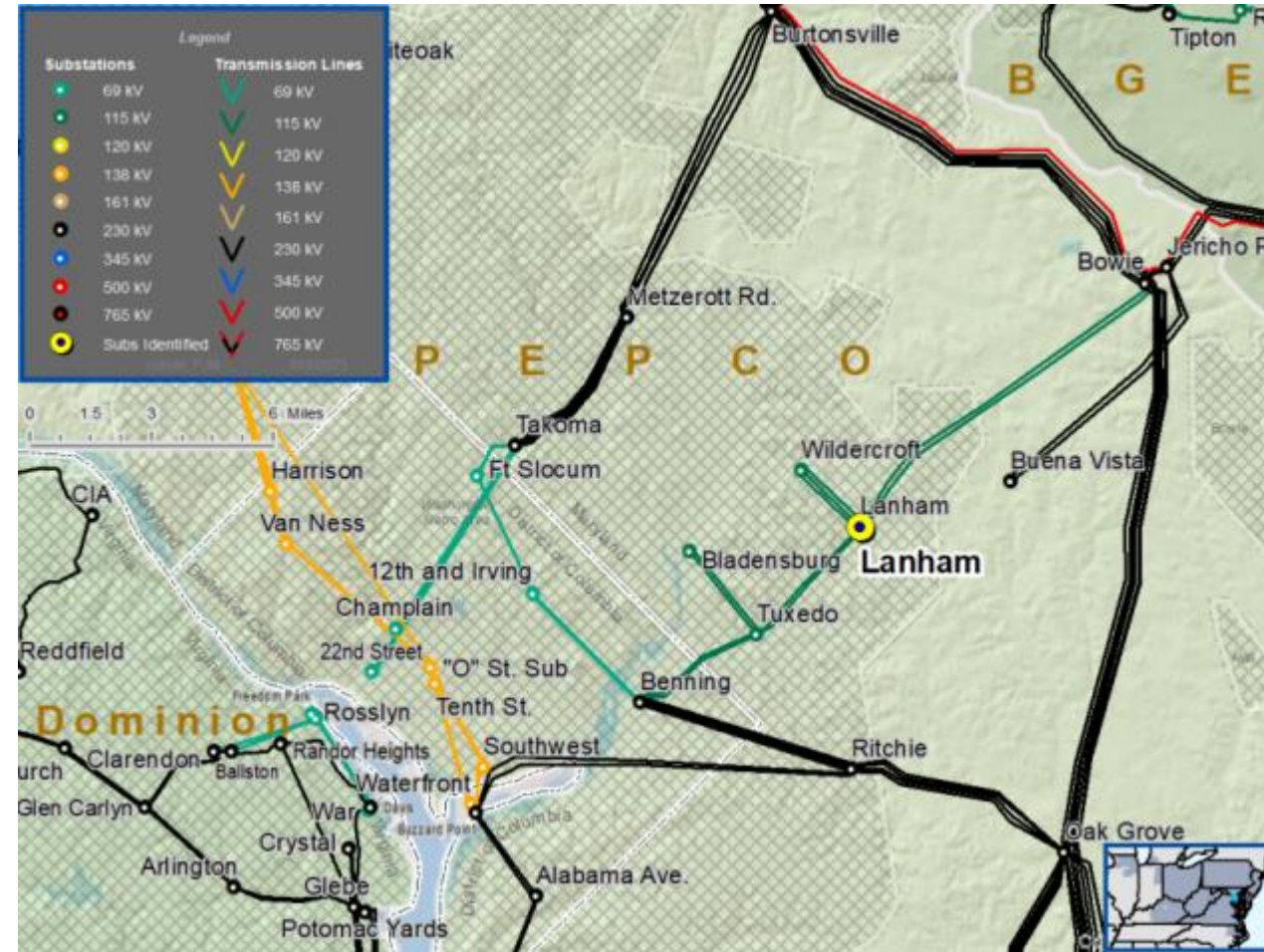
Replace the existing 115kV oil circuit breaker 2A at Lanham

Estimated Cost: \$675k

Projected In-Service: 10/23/2025

Supplemental Project ID: s3208.1

Project Status: Engineering



Need Number: PEP-2023-012

Process Stage:

Submission of Supplemental Project for inclusion in the Local Plan 4/25/2024

Previously Presented:

- Need Meeting 10/19/2023
- Solutions Meeting 11/16/2023

Project Driver:

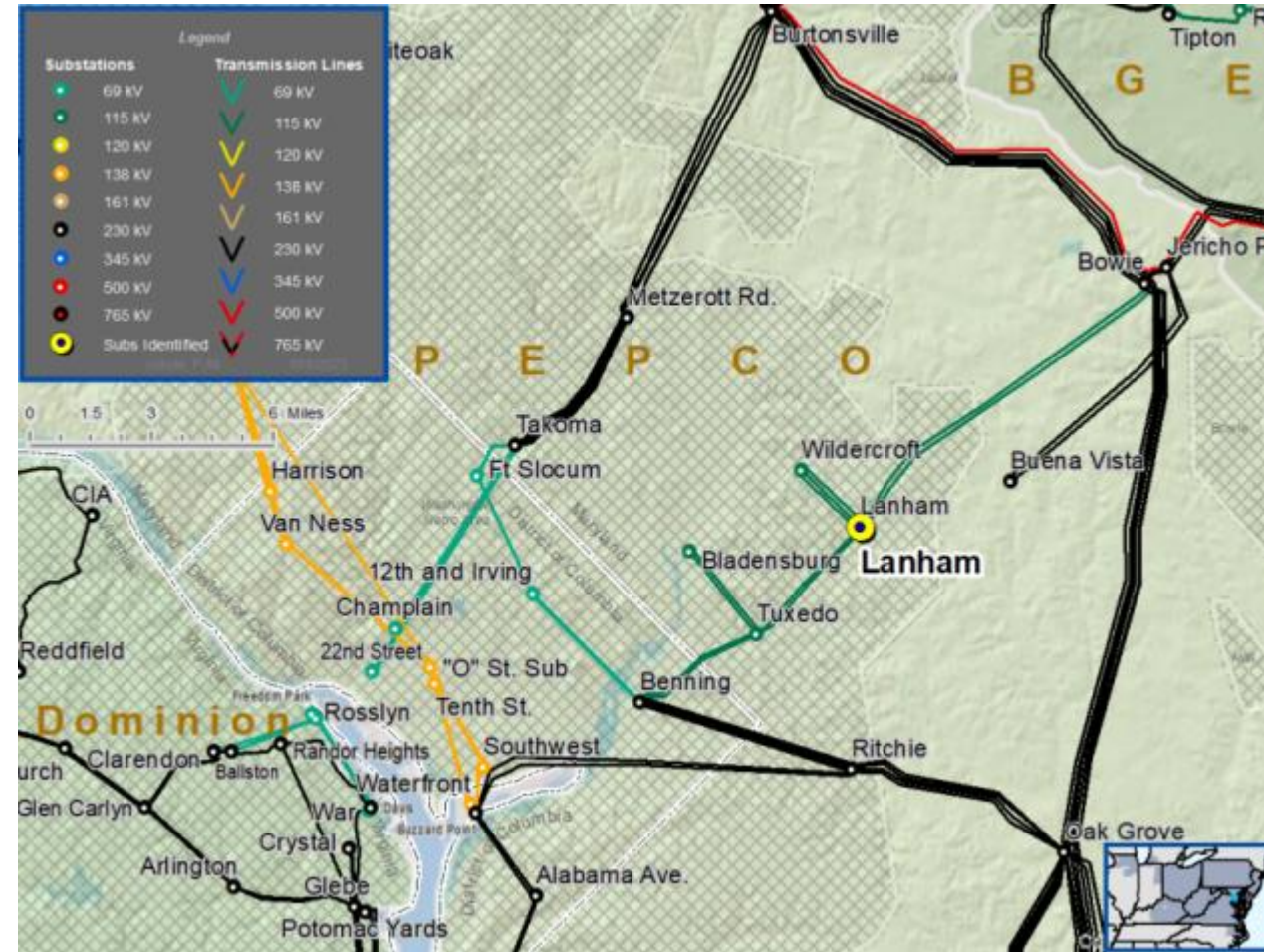
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, etc.

Problem Statement:

115kV circuit breaker 3A at Lanham substation was installed in 1964. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost



Need Number: PEP-2023-012

Process Stage:

Submission of Supplemental Project for inclusion in the
Local Plan 4/25/2024

Selected Solution:

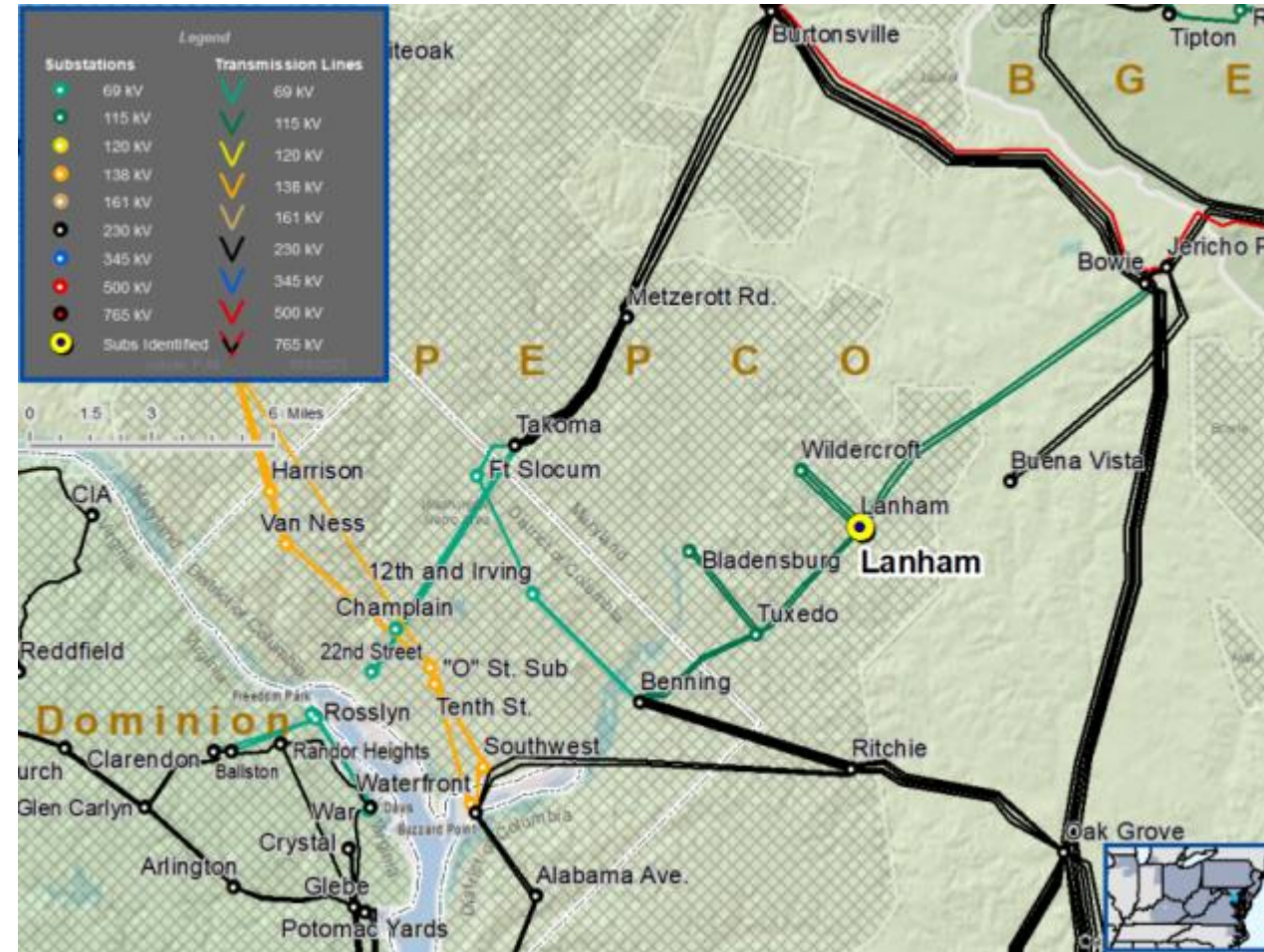
Replace the existing 115kV oil circuit breaker 3A at Lanham

Estimated Cost: \$675k

Projected In-Service: 10/23/2025

Supplemental Project ID: s3209.1

Project Status: Engineering





PEPCO Transmission Zone M-3 Process Buzzard Point 7TS Breaker Replacement

Need Number: PEP-2023-006

Process Stage:

Submission of Supplemental Project for inclusion in the Local Plan 4/25/2024

Previously Presented:

- Need Meeting 9/14/2023
- Solutions Meeting 10/19/2023

Project Driver:

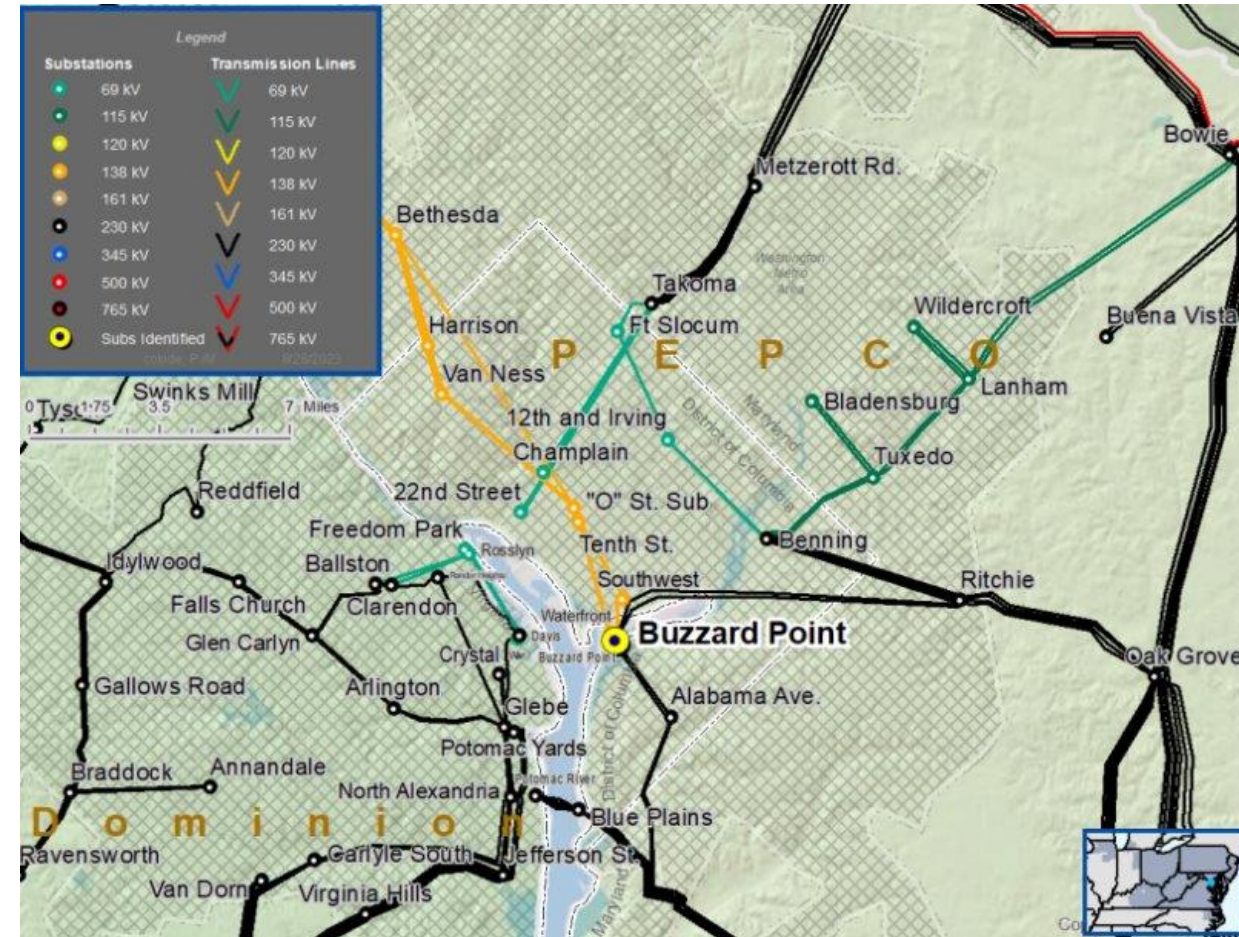
Equipment Material Condition, Performance, and Risk

Specific Assumption Reference:

- Transmission infrastructure replacements (EOL/condition/obsolescence) that are consistent with efficient asset management decisions
- Programmatic review and/or replacement of breakers, relays, wood poles, etc.

Problem Statement:

- 138kV circuit breaker 7TS at Buzzard Point substation was installed in 1972. It is in deteriorating condition, has a lack of replacement parts, and has elevated maintenance cost.



Need Number: PEP-2023-006

Process Stage:

Submission of Supplemental Project for inclusion in the Local Plan 4/25/2024

Selected Solution:

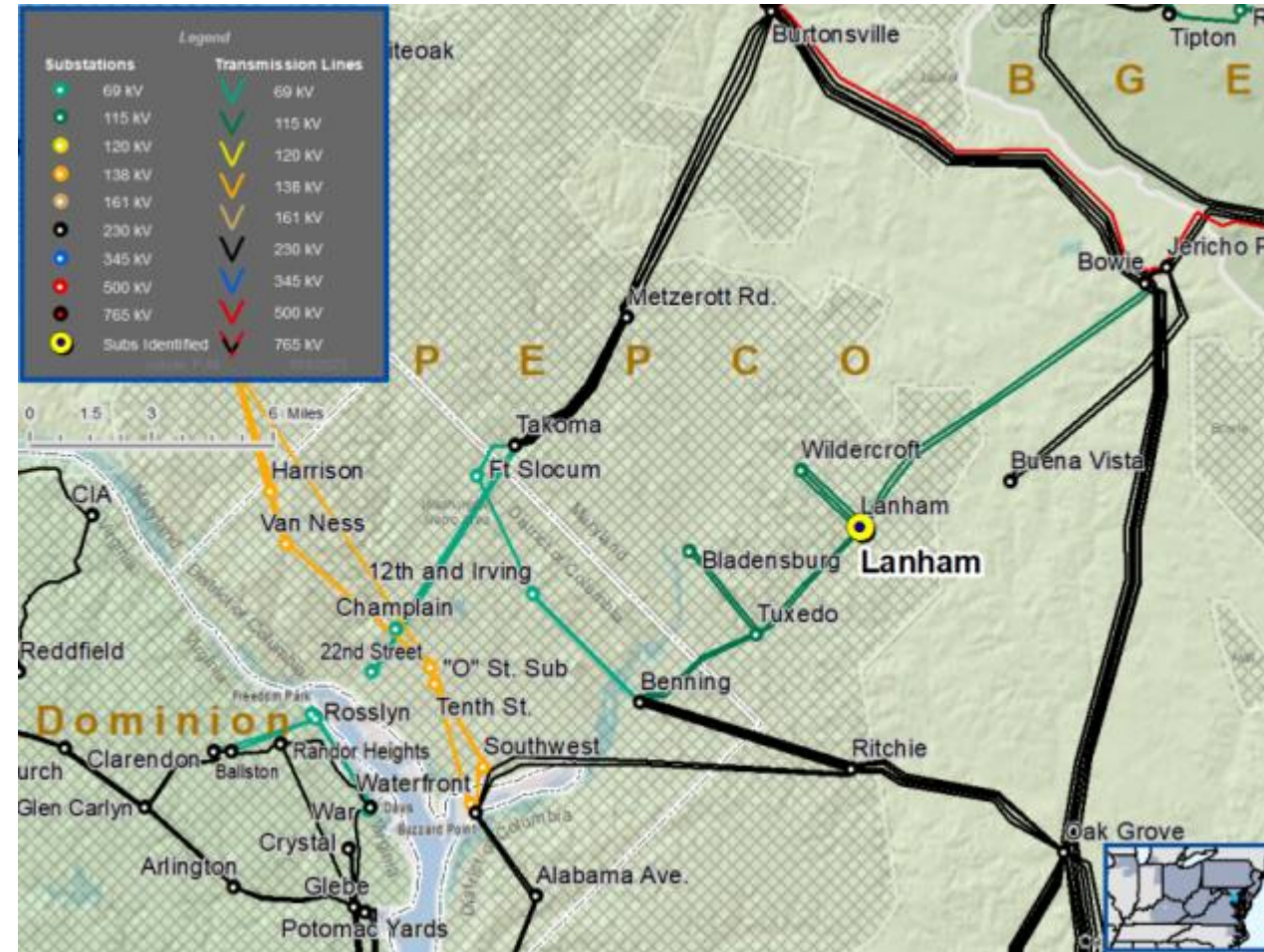
Replace the existing 138kV oil circuit breaker 7TS at Buzzard Point

Estimated Cost: \$675k

Projected In-Service: 12/1/2024

Supplemental Project ID: s3203.1

Project Status: Engineering



Revision History

- 04/25/2024 – V1 – Local Plan posted for s3203.1,s3208.1,s3209.1