



# 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:**

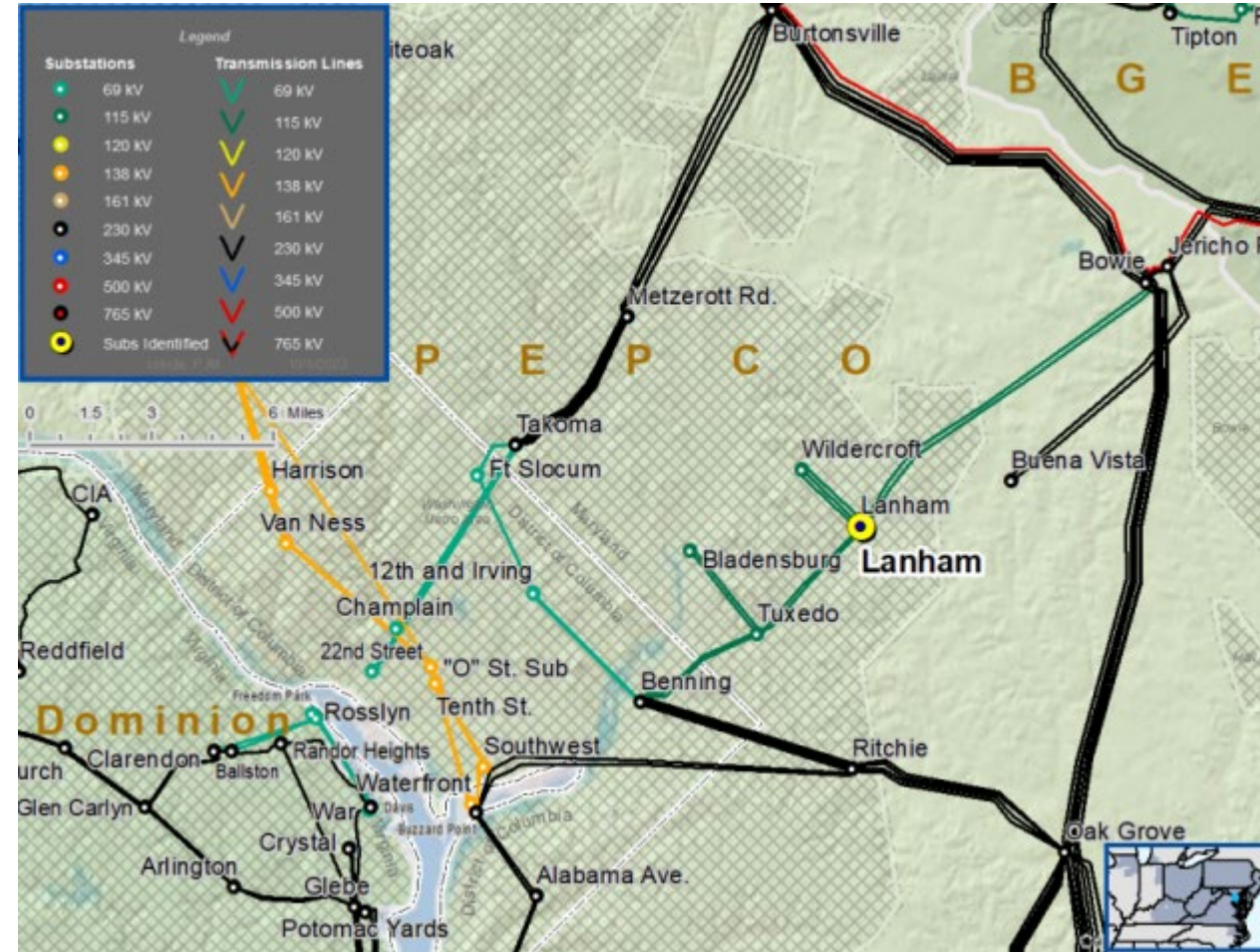
Equipment Material Condition, Performance, and Risk

**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:**

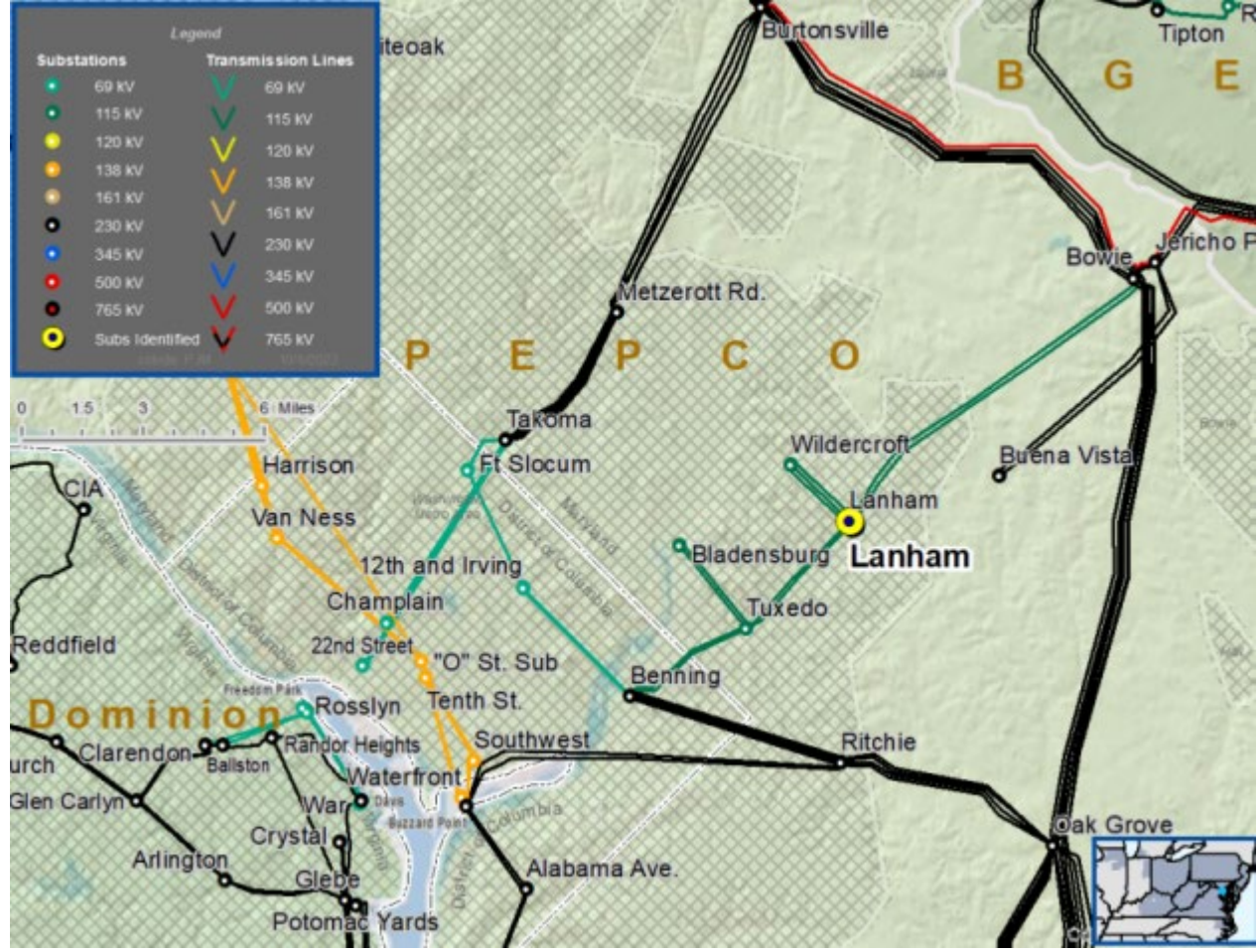
Replace the existing 115kV oil circuit breaker 2A at Lanham

**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:**

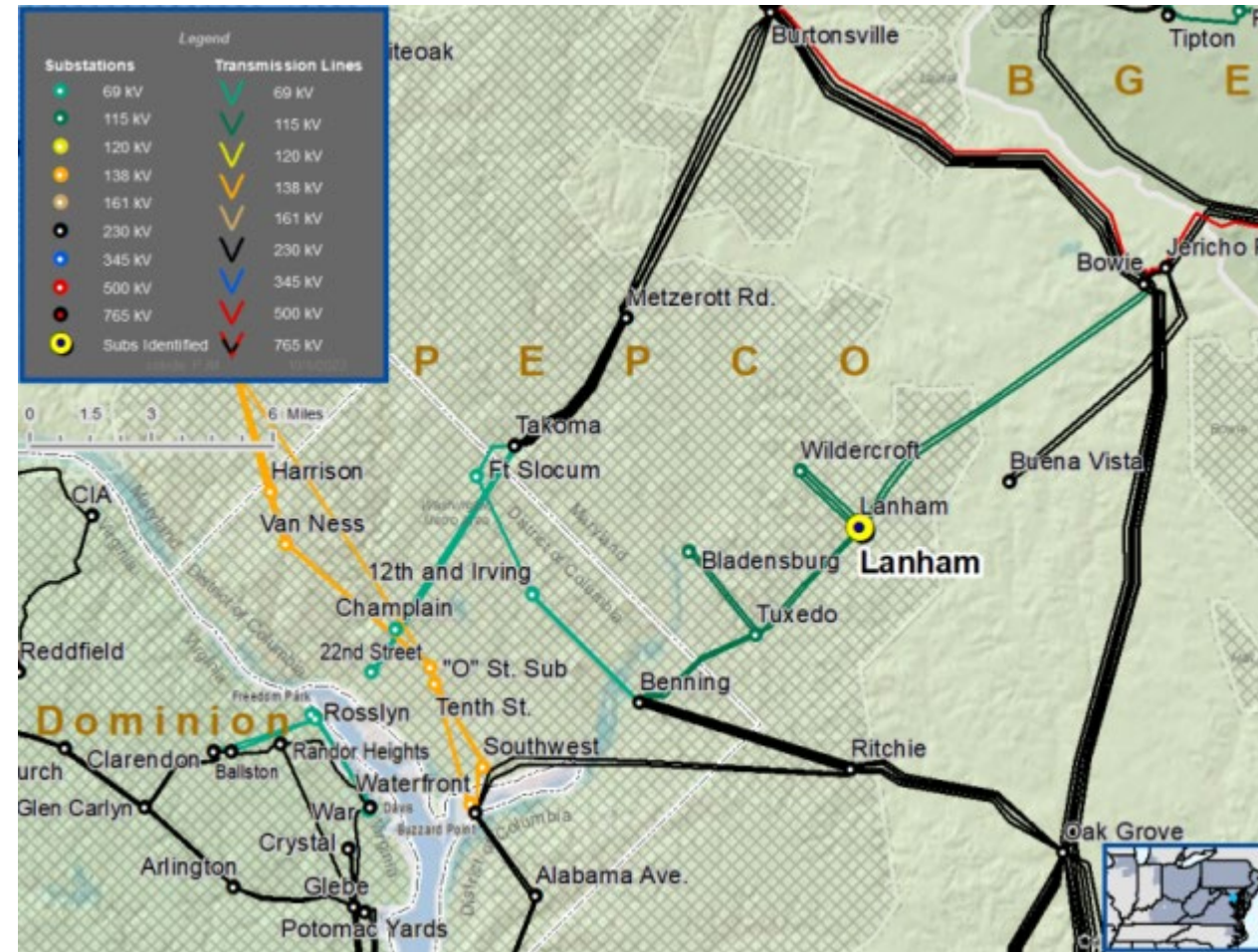
Equipment Material Condition, Performance, and Risk

**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:**

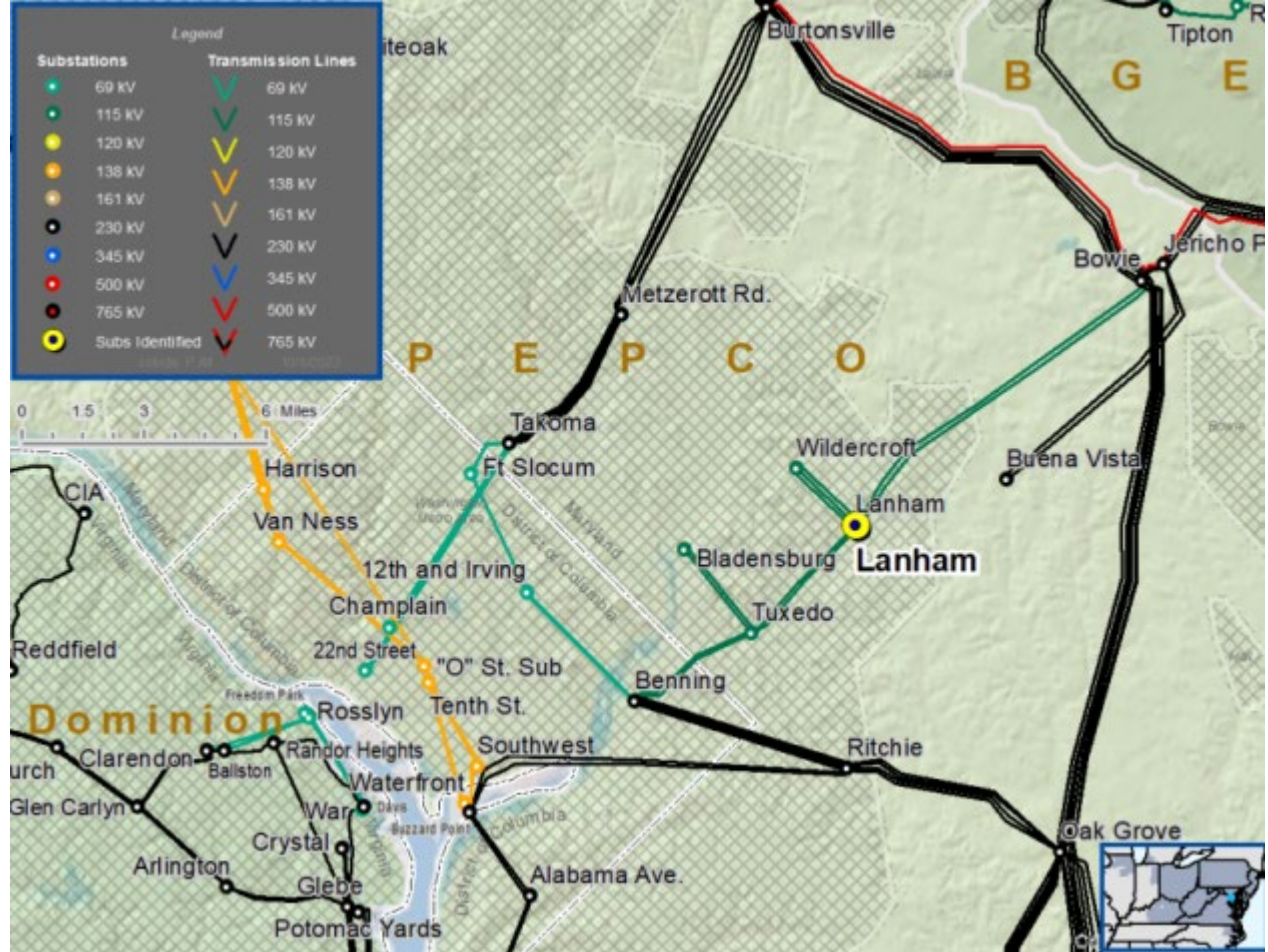
Replace the existing 115kV oil circuit breaker 3A at Lanham

**Estimated Cost:** \$675k

**Projected In-Service:** 10/23/2025

**Supplemental Project ID:** s3209.1

**Project Status:** Engineering





**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:**

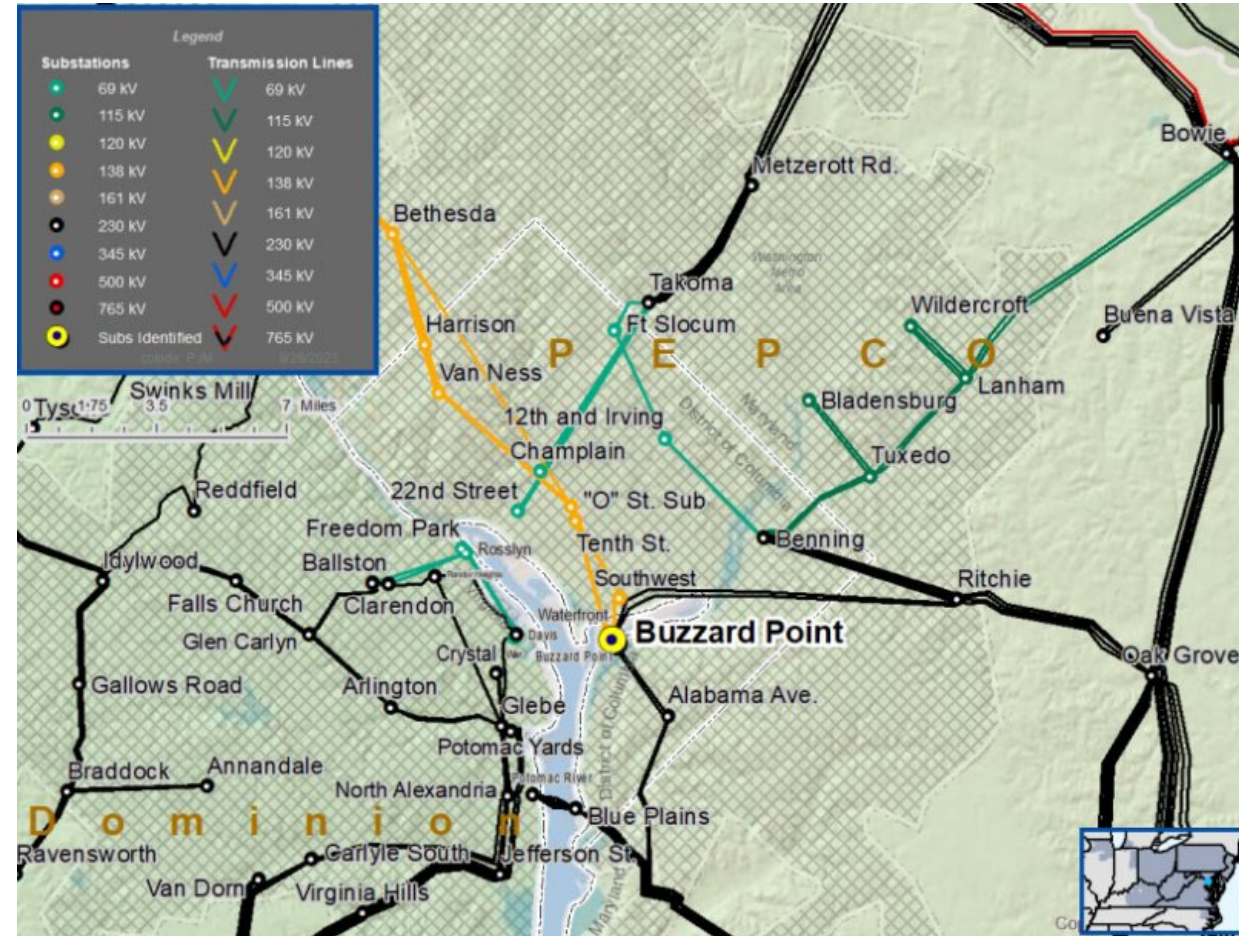
Equipment Material Condition, Performance, and Risk

**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:**

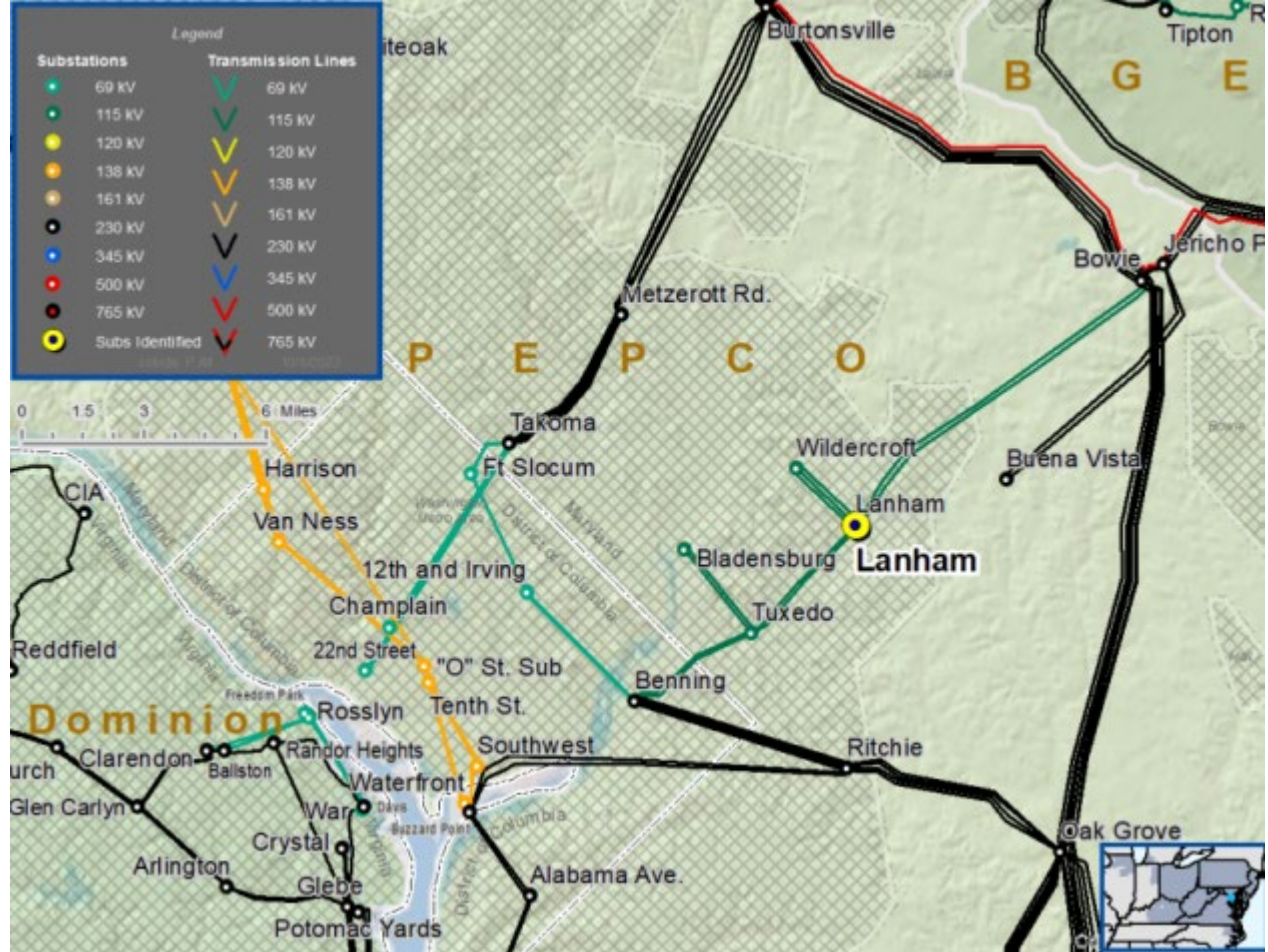
Replace the existing 138kV oil circuit breaker 7TS at Buzzard Point

**Estimated Cost:** \$675k

**Projected In-Service:** 12/1/2024

**Supplemental Project ID:** s3203.1

**Project Status:** Engineering





**Need Number:** PEP-2024-001

**Process Stage:**

Submission of Supplemental Project for inclusion in the Local Plan 5/31/2024

**Previously Presented:**

- Need Meeting 3/14/2024
- Solutions Meeting 4/18/2024

**Project Driver:**

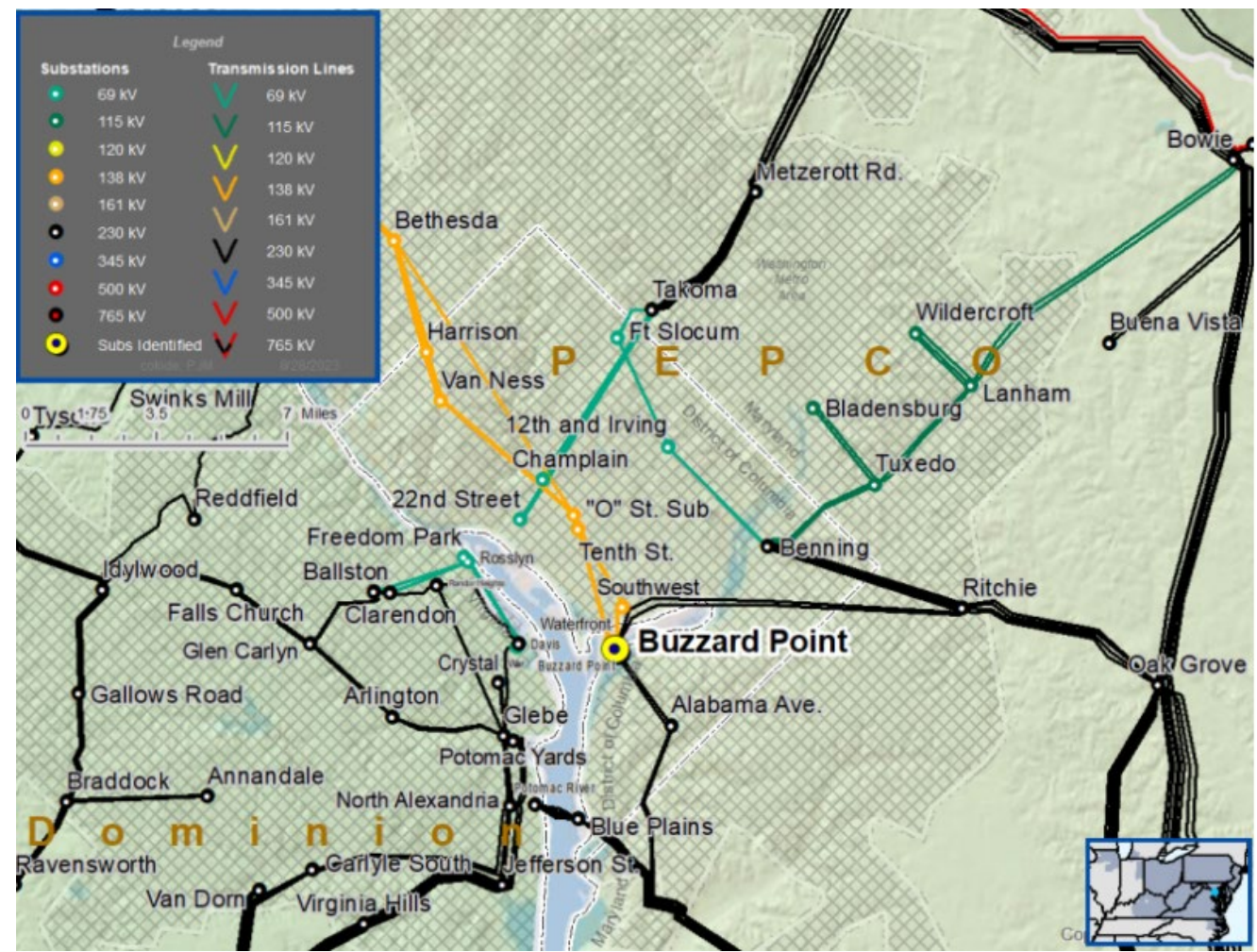
Equipment Material Condition, Performance, and Risk

**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:**

Station	Description	Installation Year	Problem statement
Buzzard Point	138kV 13B Breaker	1978	These breakers are in deteriorating condition, have a lack of replacement parts, and have elevated maintenance cost.
	138kV 14B Breaker	1978	



**Need Number:** PEP-2024-001

**Process Stage:**

Submission of Supplemental Project for inclusion in the  
 Local Plan 5/31/2024

**Selected Solution:**

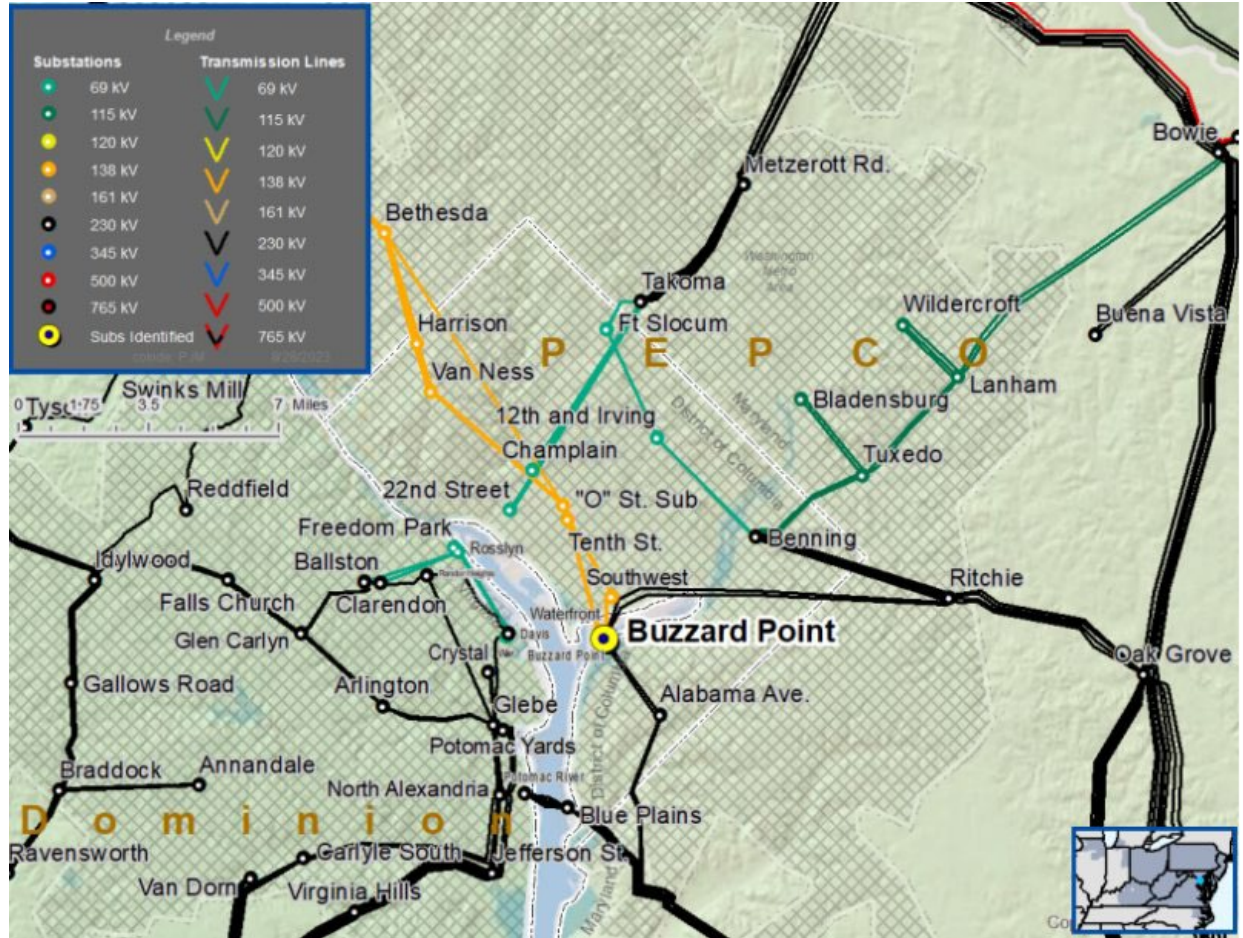
Replace the existing 138kV oil circuit breakers 13B &  
 14B at Buzzard Point.

**Estimated Cost:** \$300k

**Projected In-Service:** 12/31/2024

**Supplemental Project ID:** s3312.1

**Project Status:** Engineering





# Revision History

- 04/25/2024 – V1 – Local Plan posted for s3203.1,s3208.1,s3209.1
- 05/31/2024 – V2 – s3312.1 added