

**BGE 2022**  
**Submission of Supplemental Projects for**  
**Inclusion in the Local Plan**

**Need Number:** BGE-2021-002

**Process Stage:** Submission of Supplemental Project for inclusion in the 2022 Local Plan 09/23/2022

**Previously Presented:**

Need 07/12/2021

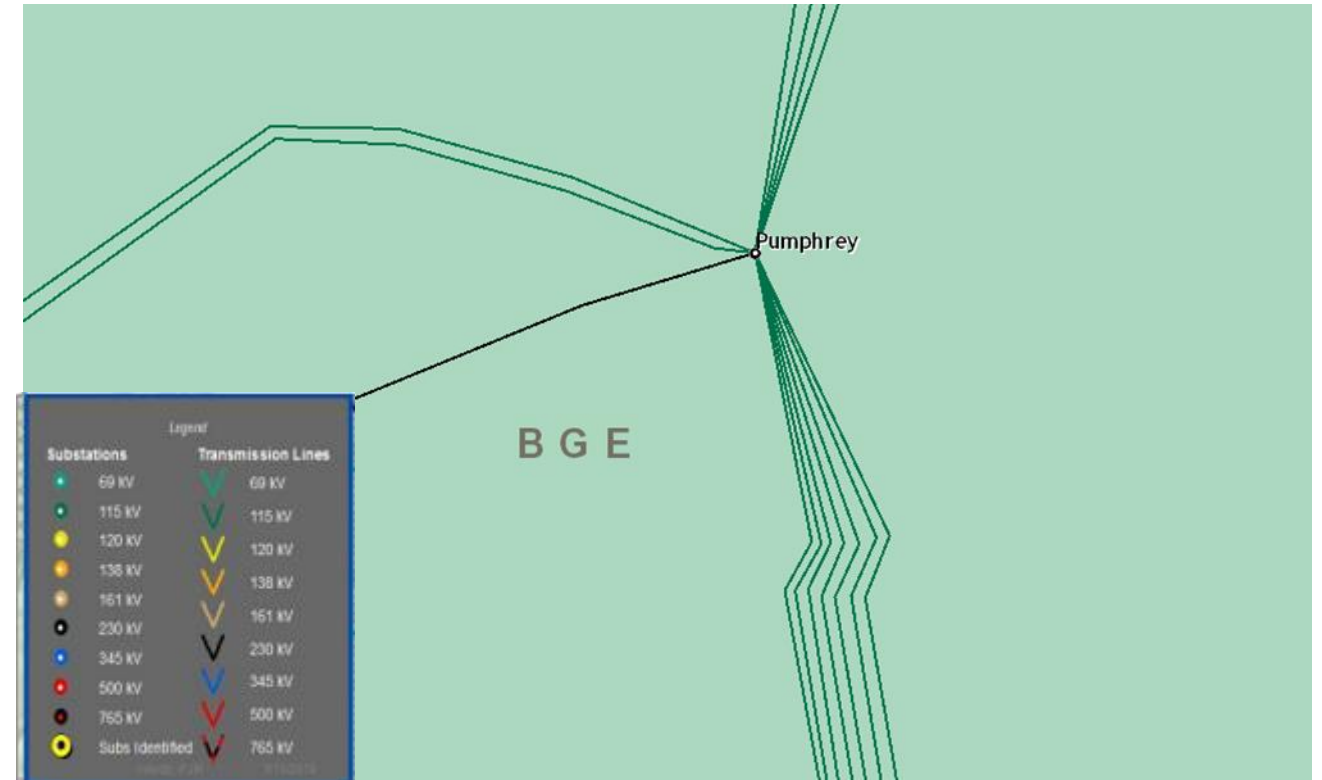
Solution 08/13/2021

**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, cables, etc.

**Problem Statement:**

- Pumphrey 115kV circuit breakers #B22, B28 and B29 installed in 1975 are in deteriorating condition due to compressor issues, leaks, replacement part availability and elevated maintenance costs



**Need Number:** BGE-2021-002

**Process Stage:** Submission of Supplemental Project for inclusion in the 2022 Local Plan

**Selected Solution:**

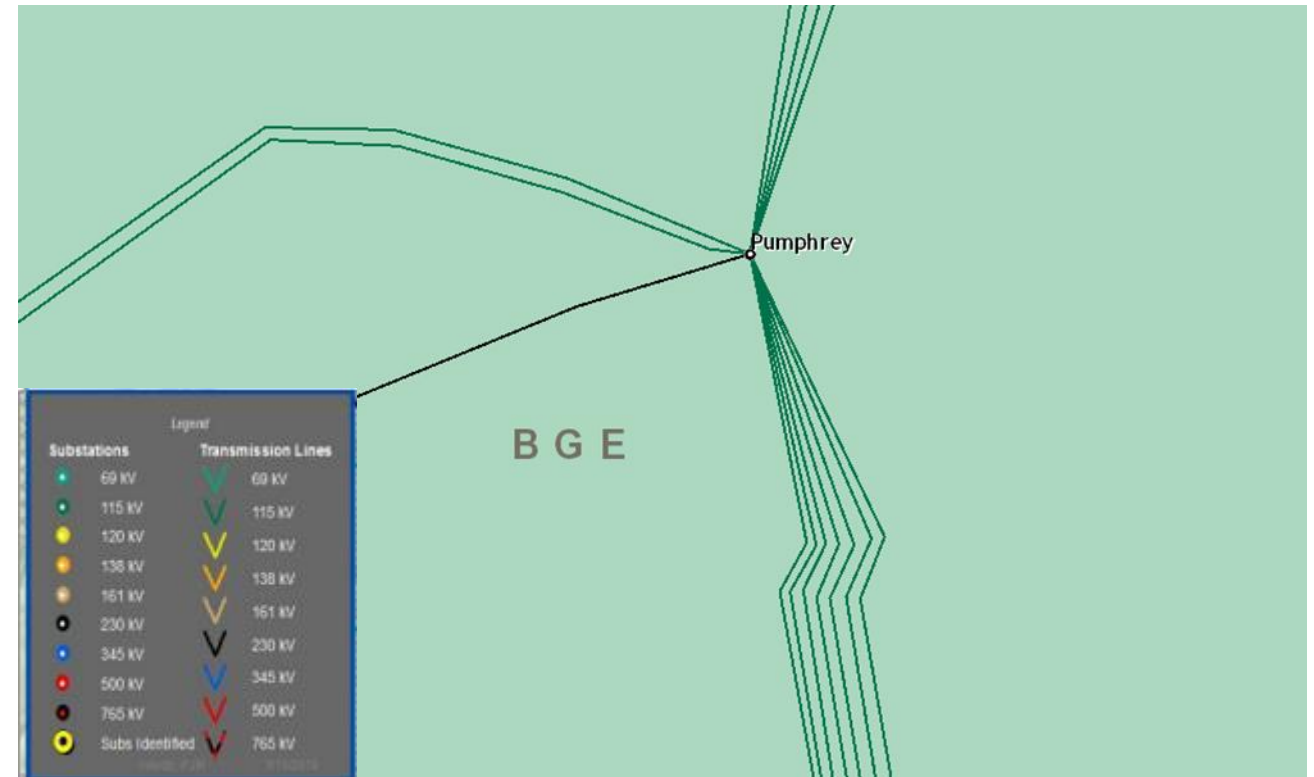
Replace Pumphrey circuit breakers #B22, B28, B29

**Estimated Cost:** \$5.2M

**Projected In-Service:** 11/30/2021

**Supplemental Project ID:** S2589

**Project Status:** In-service



**Need Number:** BGE-2021-003

**Process Stage:** Submission of Supplemental Project for inclusion in the 2022 Local Plan 09/23/2022

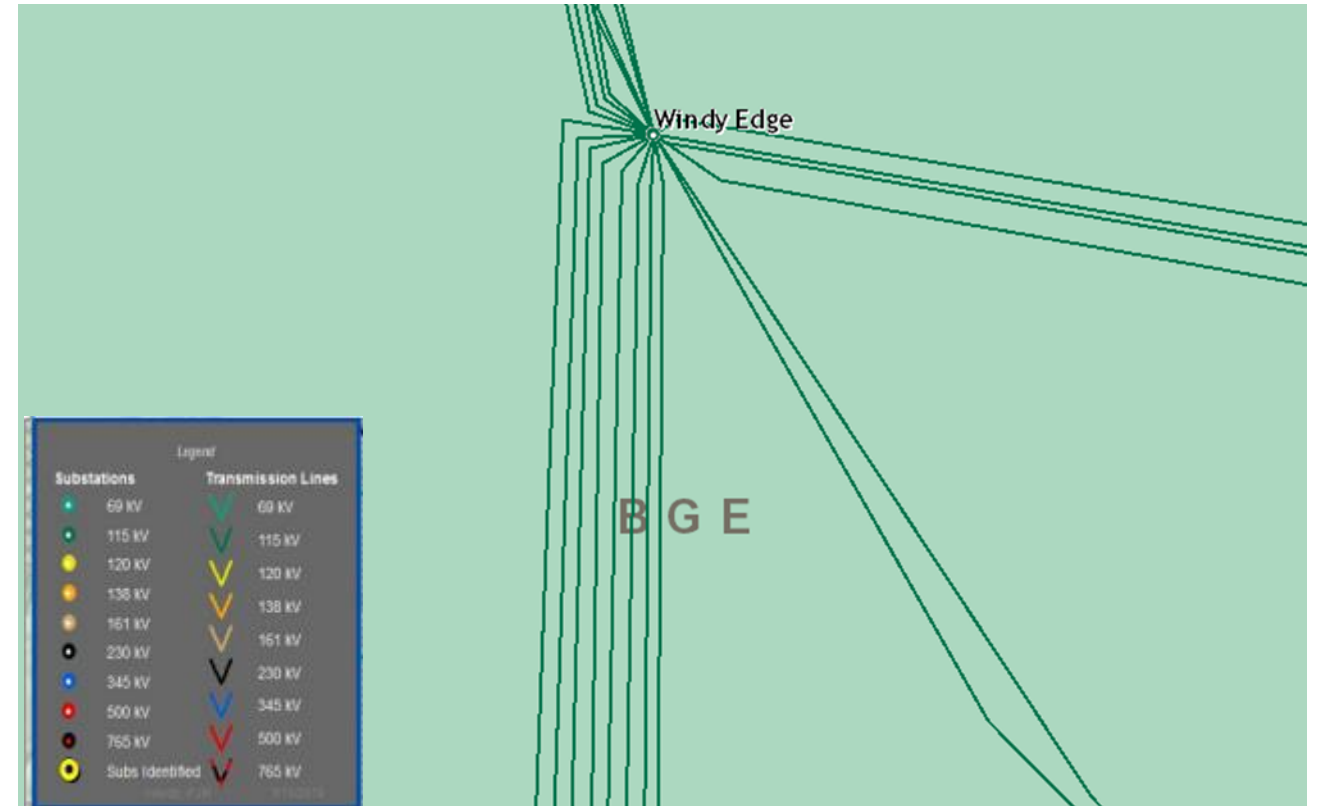
**Previously Presented:**  
Need 07/12/2021  
Solution 08/13/2021

**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, cables, etc.

**Problem Statement:**

- Windy Edge 115kV circuit breaker #B27 installed in 1971 is in deteriorating condition due to compressor issues, leaks, replacement part availability and elevated maintenance costs



**Need Number:** BGE-2021-003

**Process Stage:** Submission of Supplemental Project for inclusion in the 2022 Local Plan 09/23/2022

**Selected Solution:**

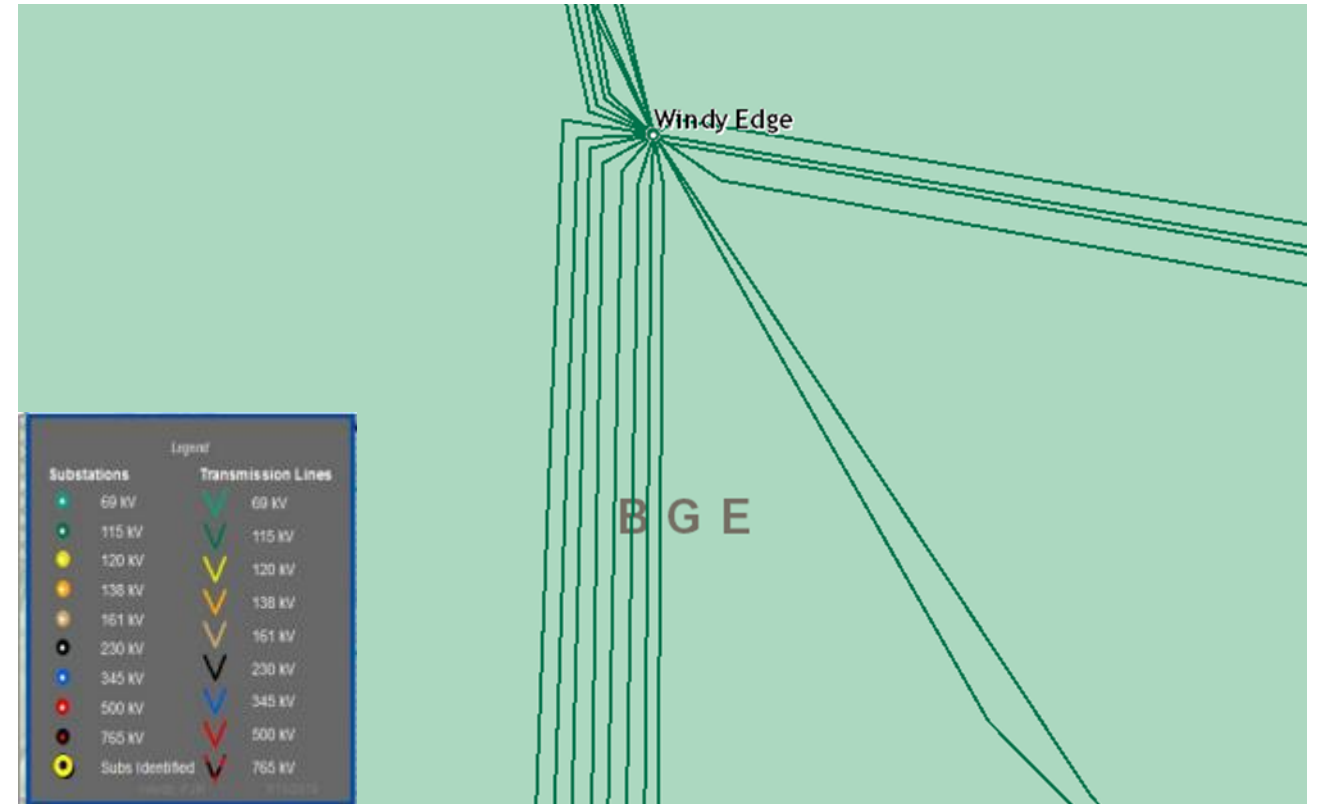
Replace Windy Edge circuit breaker #B27

**Estimated Cost:** \$1M

**Projected In-Service:** 11/30/2021

**Supplemental Project ID:** S2590

**Project Status:** In-service



**Need Number:** BGE-2022-001

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Previously Presented:**

Need 2/17/2022

Solution 3/17/2022

**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, cables, etc.

**Problem Statement:**

- Windy Edge 115kV circuit breaker #B6 installed in 1971 is in deteriorating condition due to oil leaks, air system leaks, operational problems that led to several failures-to-close and elevated maintenance costs



**Need Number:** BGE-2022-001

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Selected Solution:**

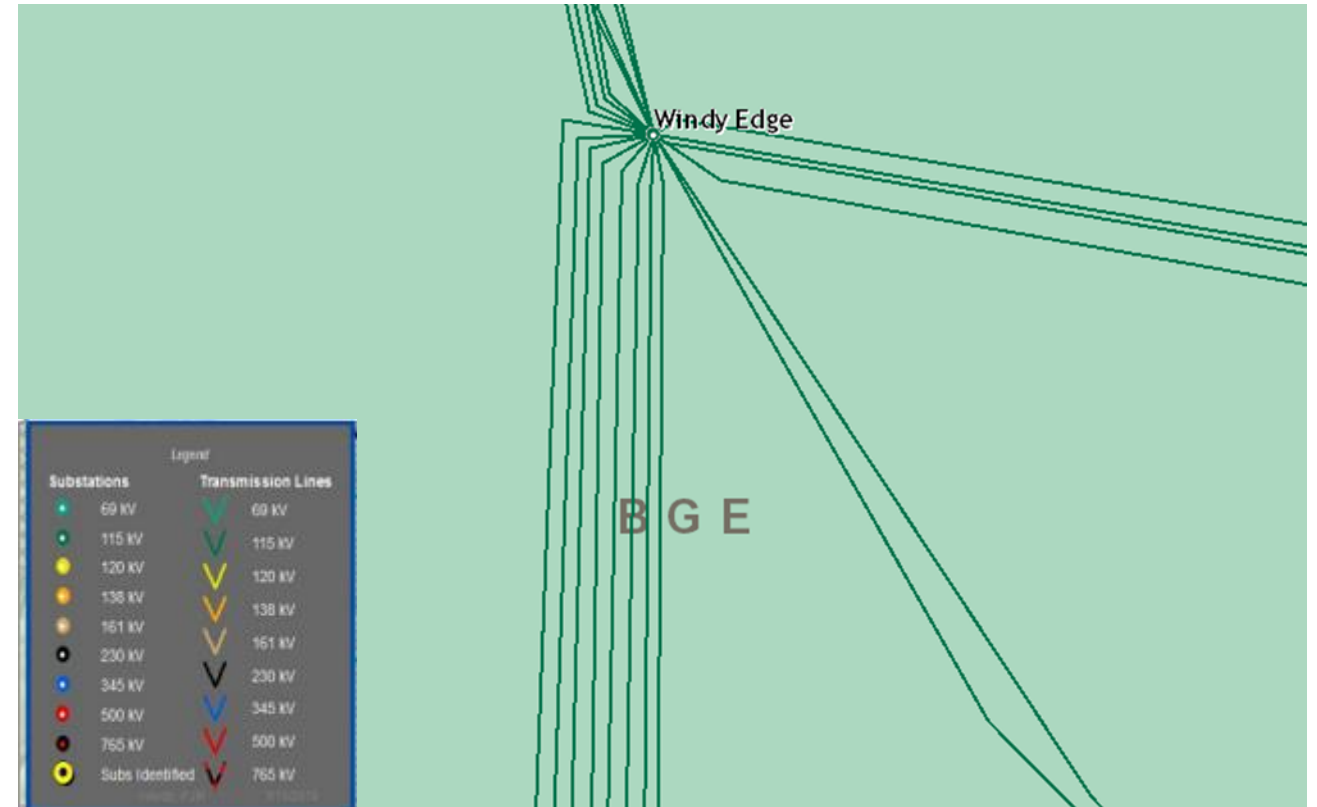
Replace Windy Edge 115kV circuit breaker #B6

**Estimated Cost:** \$1.3M

**Projected In-Service:** 4/7/2022

**Supplemental Project ID:** S2722

**Project Status:** In-service



**Need Number:** BGE-2022-002

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Previously Presented:**

Need 2/17/2022

Solution 3/17/2022

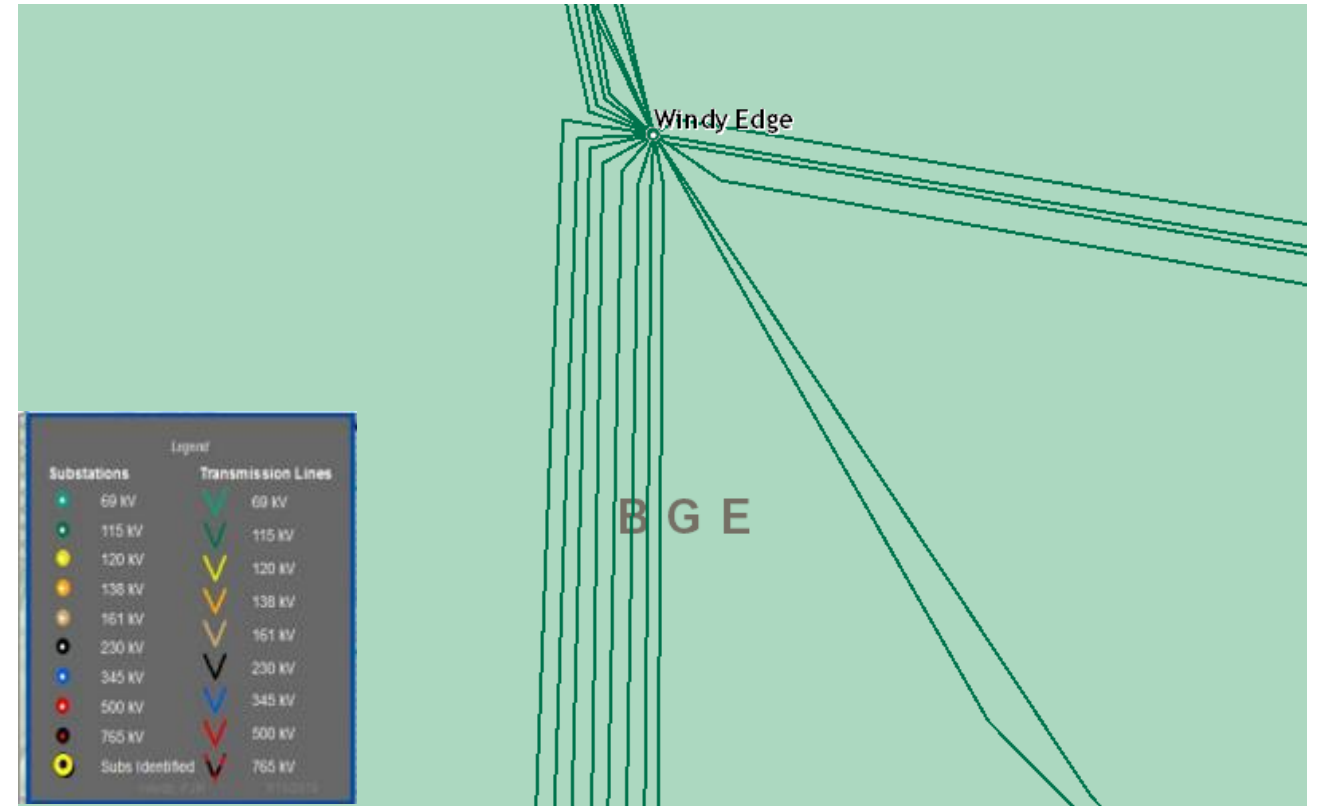
**Project Driver:** Equipment Material Condition, Performance, and Risk

**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, cables, etc.

**Problem Statement:**

- Windy Edge 115kV circuit breaker #B32 installed in 1991 is in deteriorating condition due to oil leaks, hydraulic issues, replacement part availability and elevated maintenance costs





**Need Number:** BGE-2022-002

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Selected Solution:**

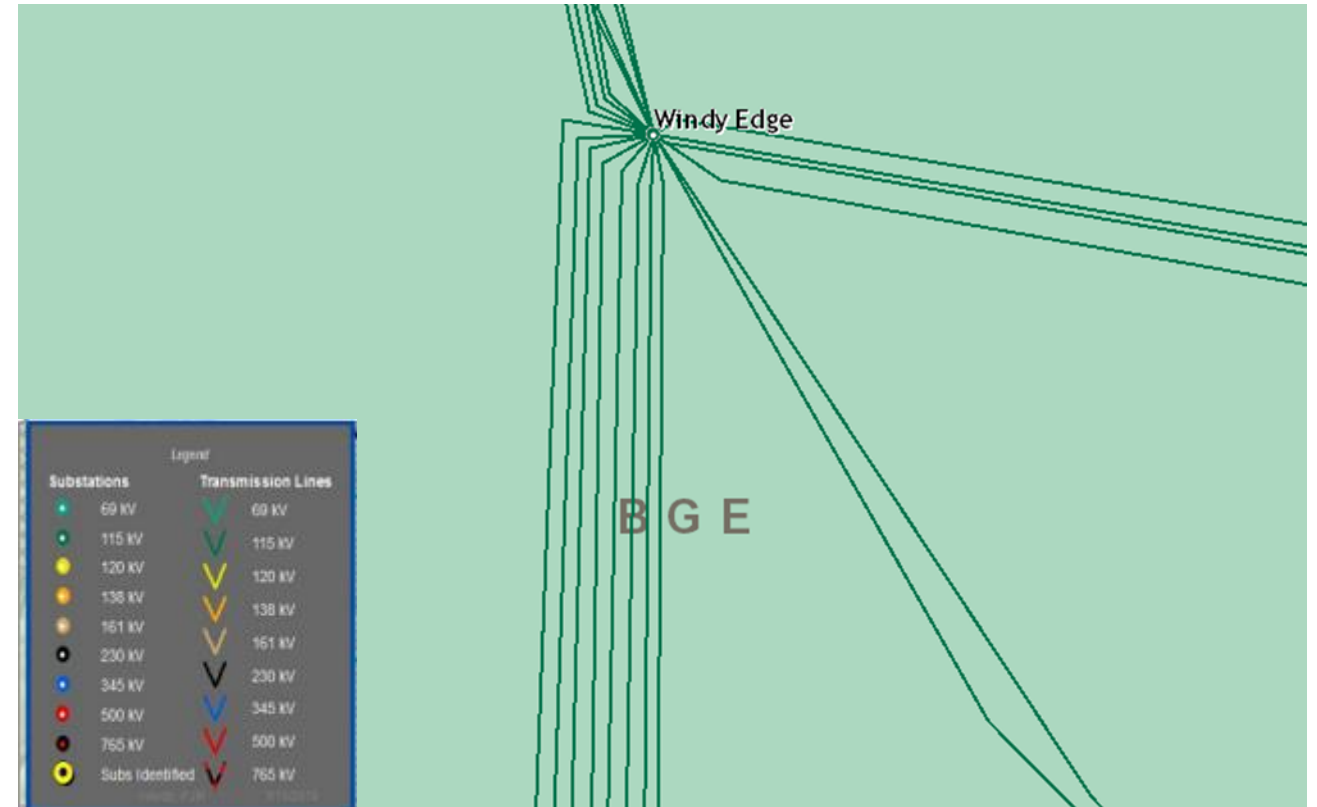
Replace Windy Edge 115kV circuit breaker #B32

**Estimated Cost:** \$1.3M

**Projected In-Service:** 5/6/2022

**Supplemental Project ID:** S2723

**Project Status:** In-service



**Need Number:** BGE-2022-003

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Previously Presented:**

Need 2/17/2022

Solution 3/17/2022

**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, cables, etc.

**Problem Statement:**

- Windy Edge 115kV circuit breaker #B26 installed in 1967 is in deteriorating condition due to heater issues, low pressure issues, replacement part availability and elevated maintenance costs



**Need Number:** BGE-2022-003

**Process Stage:** Submission of Supplemental Project for inclusion in the Local Plan 9/26/2022

**Selected Solution:**

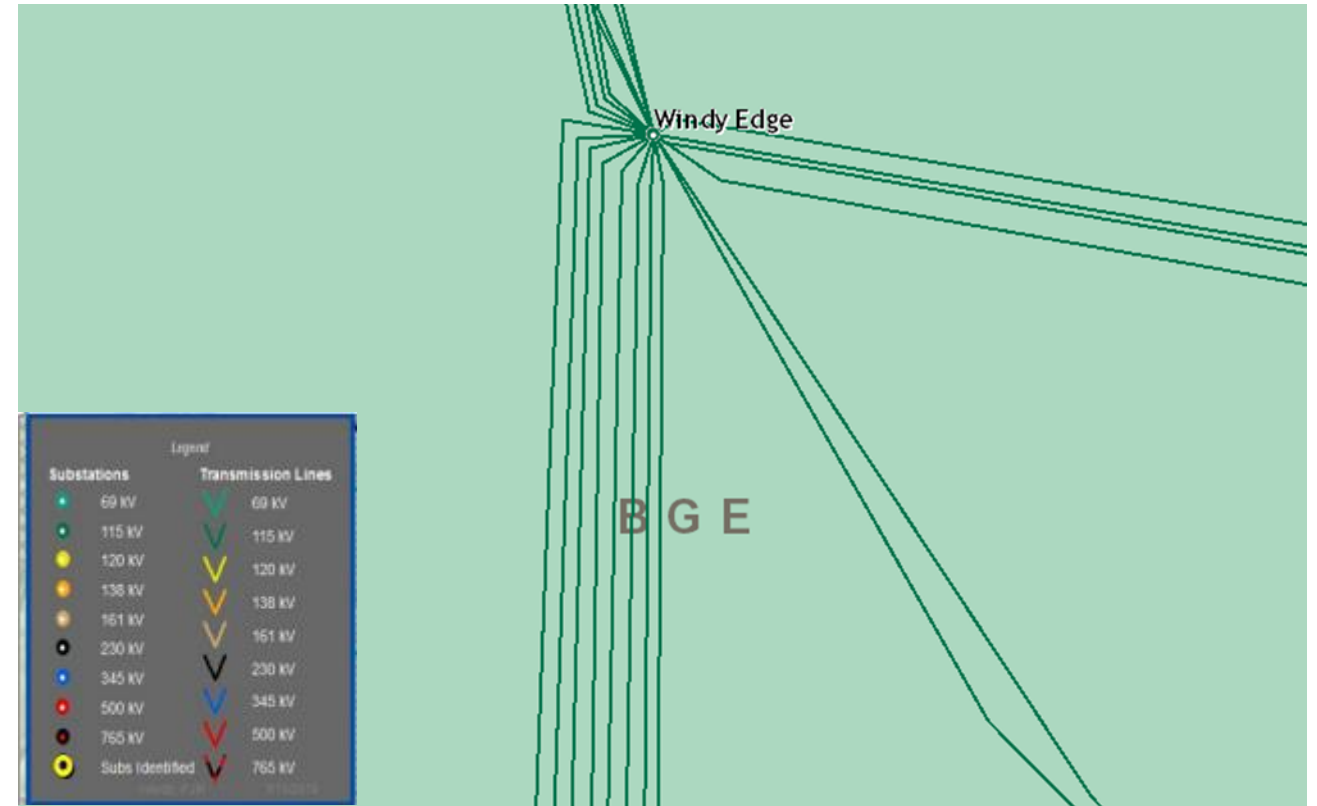
Replace Windy Edge circuit breaker #B26

**Estimated Cost:** \$1.3M

**Projected In-Service:** 6/3/2022

**Supplemental Project ID:** S2724

**Project Status:** In-service



# Revision History

9/23/2022 – V1 – Posted Local plan for S2589 and S2590

9/27/2022 – V2 – Posted Local plan for s2722-s2724