

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

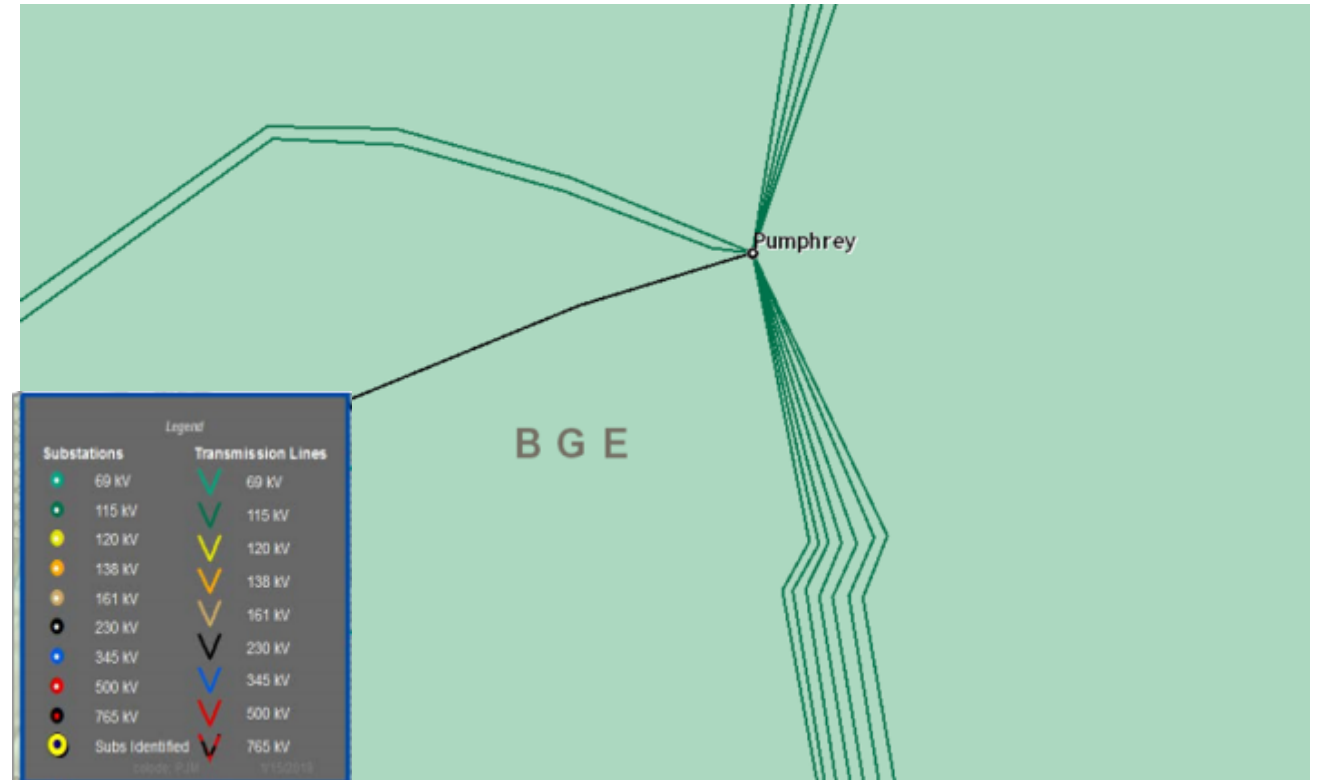
Previously Presented:
Need 07/12/2021
Solution 08/13/2021

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:

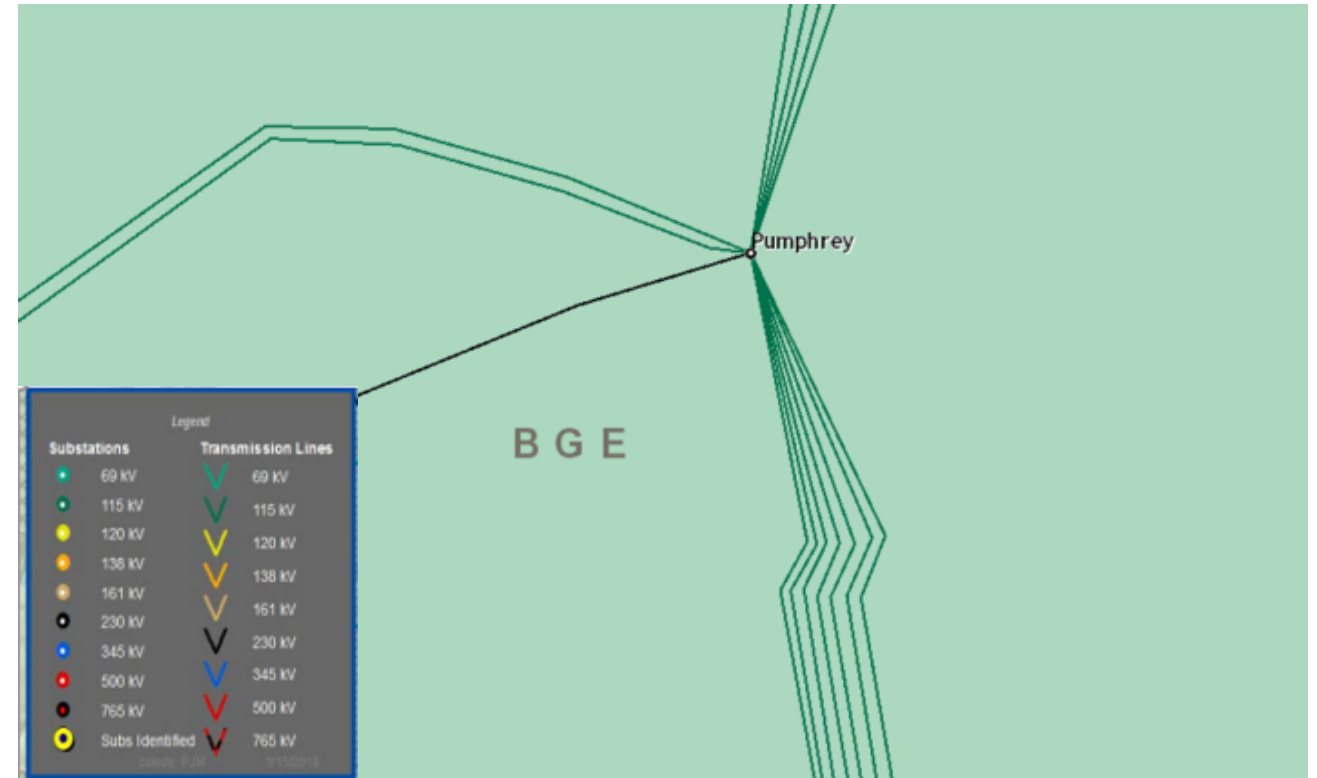
Replace Pumphrey circuit breakers #B22, B28, B29

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

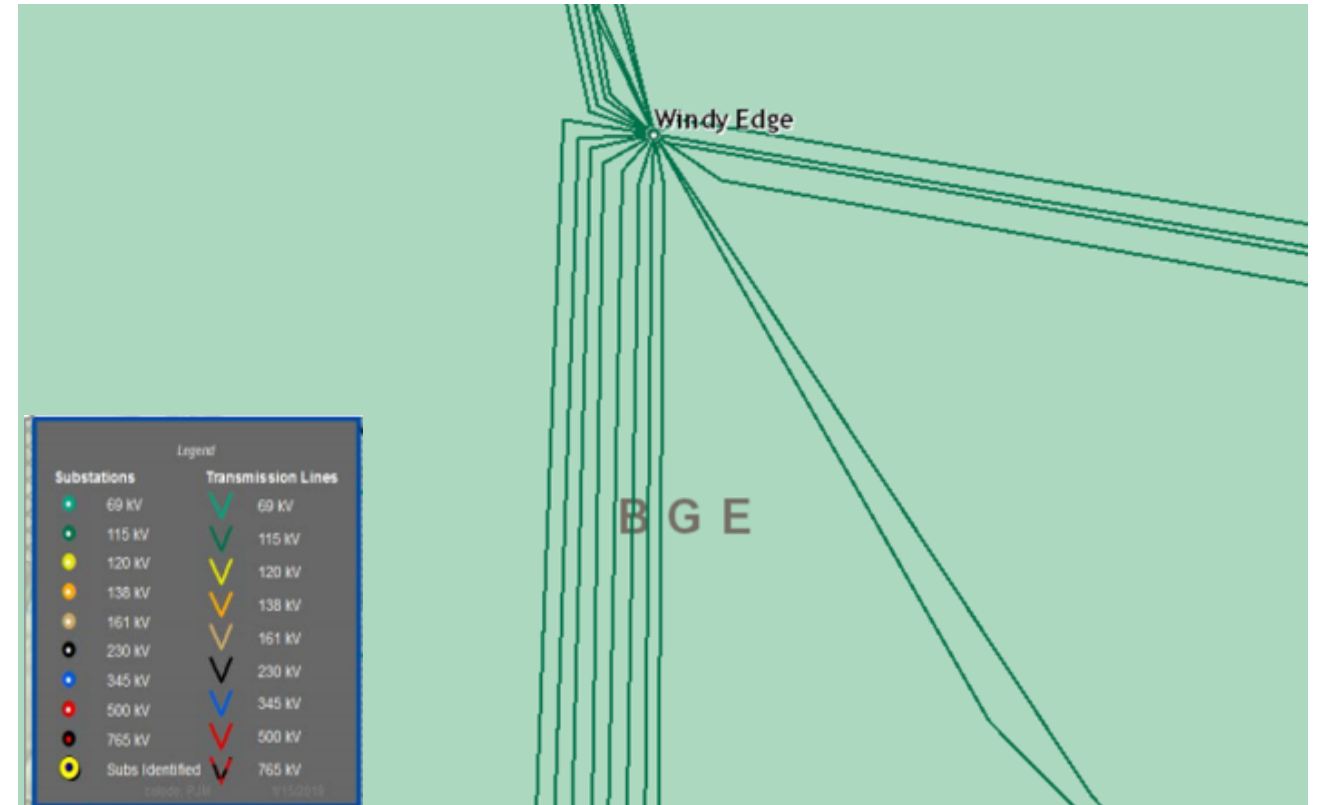
Previously Presented:
 Need 07/12/2021
 Solution 08/13/2021

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:

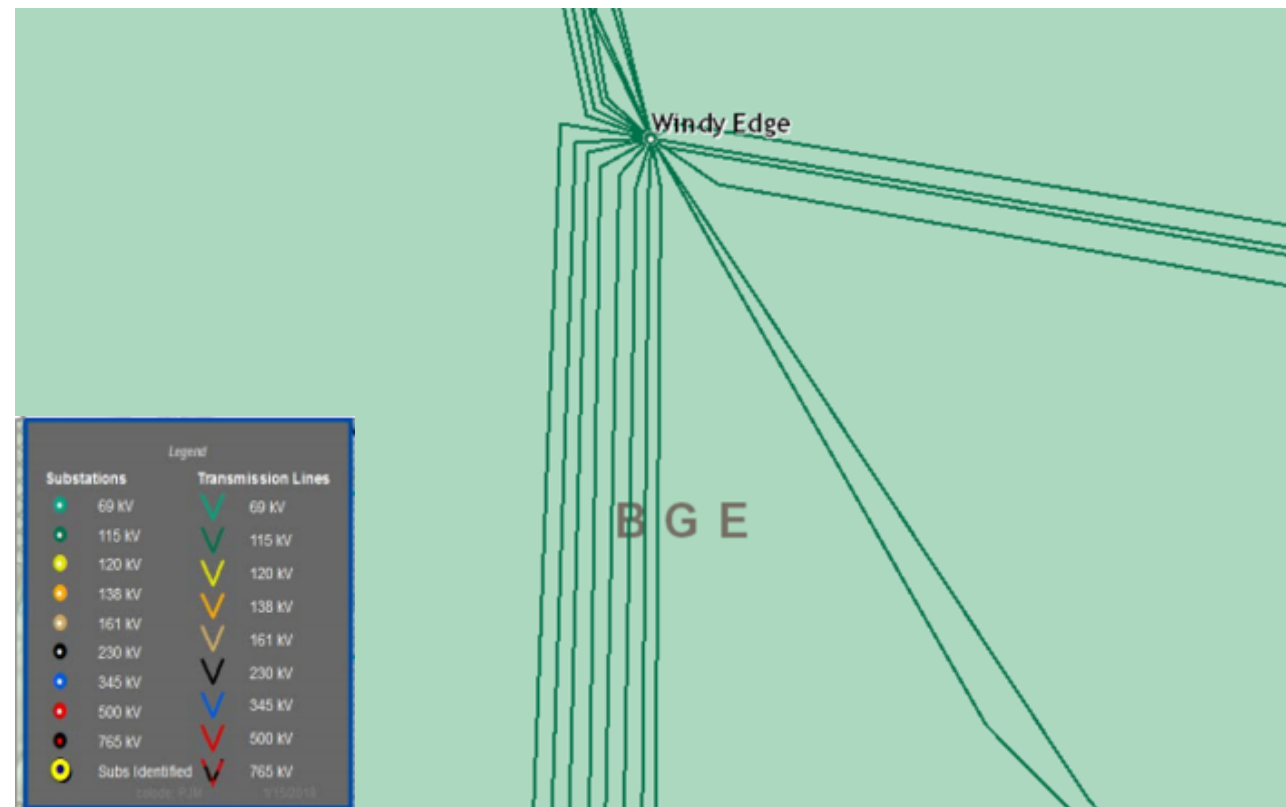
Replace Windy Edge circuit breaker #B27

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

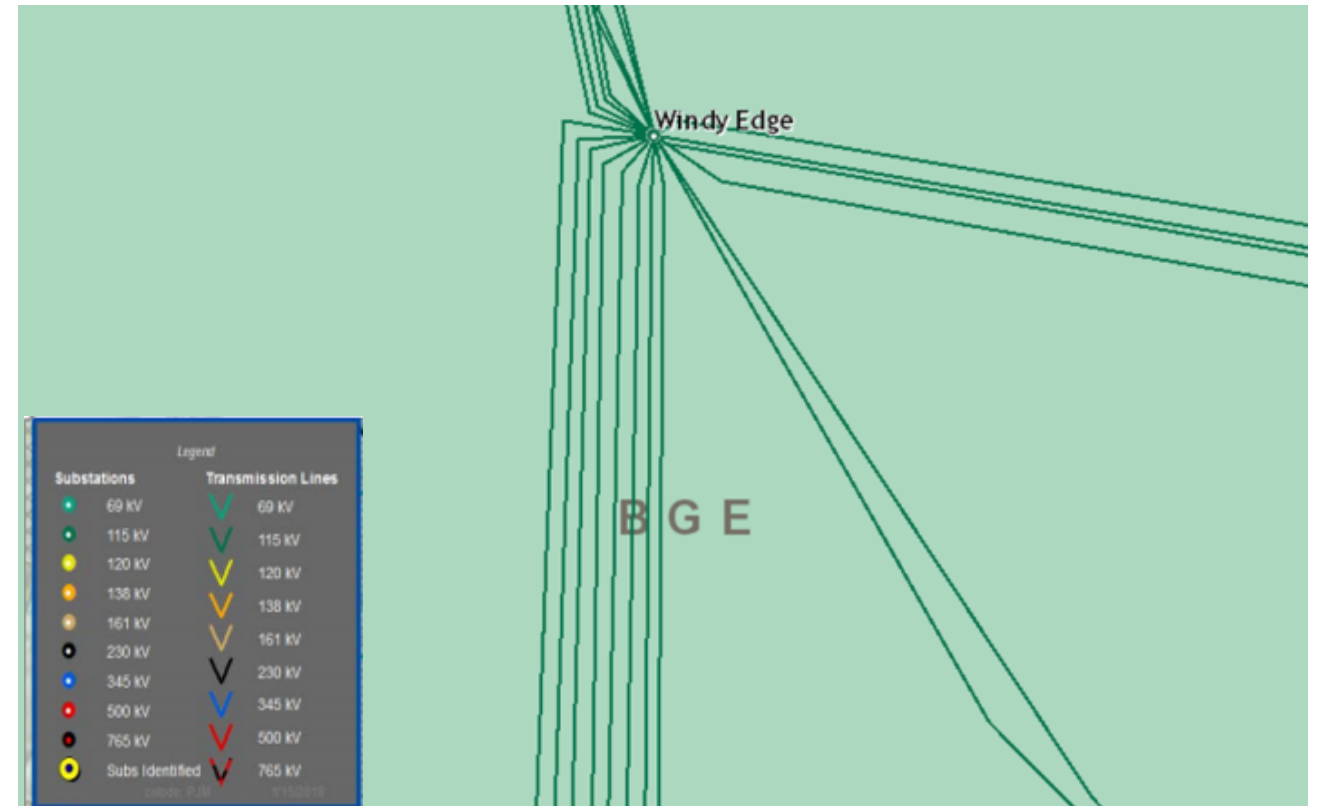
Project Driver: Equipment Material Condition, Performance, and Risk

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:

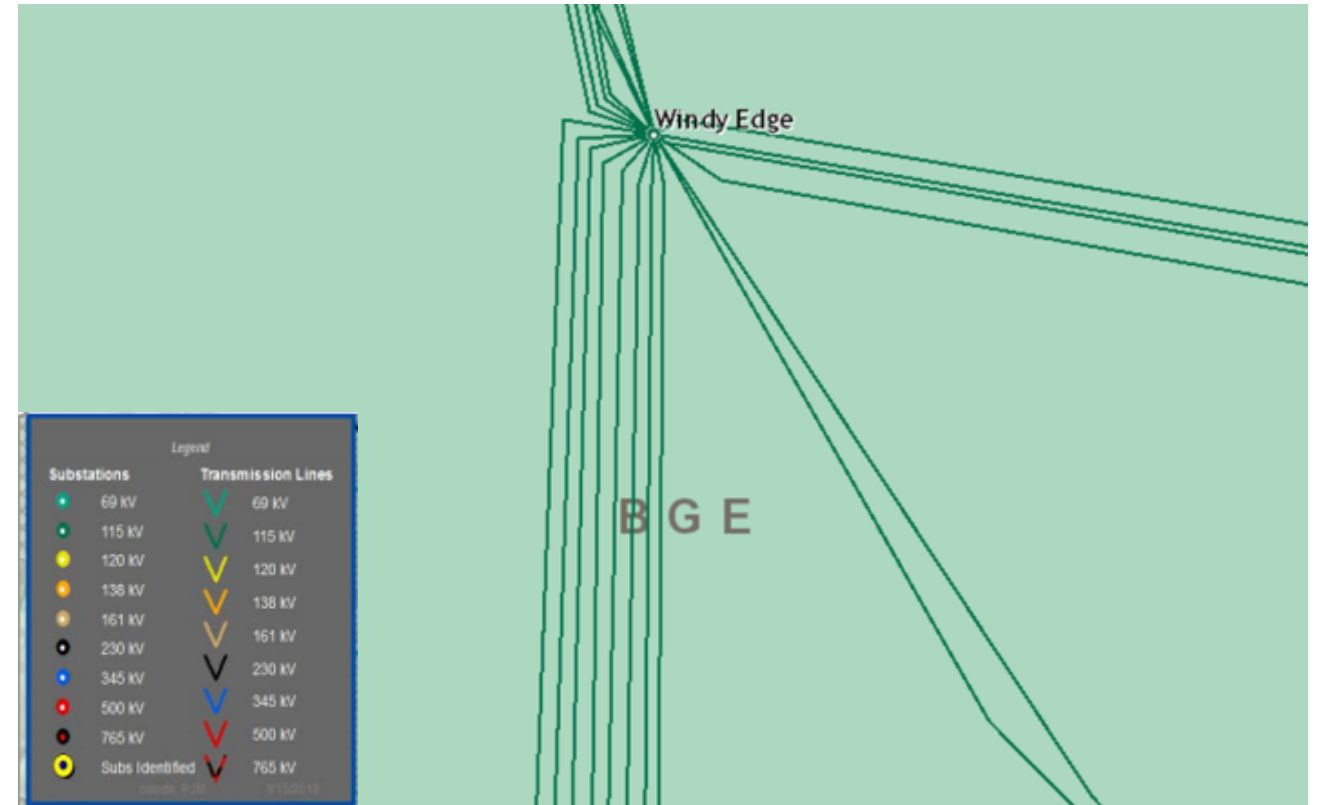
Replace Windy Edge circuit breaker #B26

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