

SPP-NTC-210583

**SPP
Notification to Construct**

November 17, 2020

Mrs. Katy Onnen
Eversource Energy, Inc.
801-A, P.O. Box 418679
Kansas City, MO 64141-9679

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mrs. Onnen,

Pursuant to Section 3.3 of the Southwest Power Pool, Inc. ("SPP") Membership Agreement and Attachments O and Y of the SPP Open Access Transmission Tariff ("OATT"), SPP provides this Notification to Construct ("NTC") directing Eversource Energy, Inc. ("EM"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On October 27, 2020, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of the 2020 Integrated Transmission Planning ("ITP") Assessment.

New Network Upgrades

Project ID: 81720

Project Name: Sub - Northeast 161 kV

Need Date for Project: 6/1/2022

Estimated Cost for Project: \$887,479

Network Upgrade ID: 122804

Network Upgrade Name: Northeast 161 kV Breakers

Network Upgrade Description: Replace three breakers at the Northeast 161 kV station with 63 kA breakers

Network Upgrade Owner: EM

MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke

TWG Representative: Derek Brown

Categorization: Regional Reliability

Network Upgrade Specification: Breaker must be rated for at least 63 kA

Network Upgrade Justification: 2020 ITP

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Estimated Cost for Network Upgrade (current day dollars): \$887,479
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EM
Date of Estimated Cost: 7/6/2020

Project ID: 81721
Project Name: Sub - Stilwell 161 kV
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$566,485

Network Upgrade ID: 122805
Network Upgrade Name: Stilwell 161 kV Breaker
Network Upgrade Description: Replace 1 breaker at the Stilwell 161 kV station with a 63 kA breaker
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breaker must be rated for at least 63 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$566,485
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Project ID: 81722
Project Name: Sub - Leeds 161 kV #2
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$566,485

Network Upgrade ID: 122806
Network Upgrade Name: Leeds 161 kV Breaker
Network Upgrade Description: Replace 1 breaker at the Leeds 161 kV station with a 40 kA breaker
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breaker must be rated for at least 40 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$566,485

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Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Project ID: 81723
Project Name: Sub - Shawnee Mission 161 kV
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$566,485

Network Upgrade ID: 122807
Network Upgrade Name: Shawnee Mission 161 kV Breaker
Network Upgrade Description: Replace 1 breaker at the Shawnee Mission 161 kV station with a 40 kA breaker
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breaker must be rated for at least 40 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$566,485
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Project ID: 81724
Project Name: Sub - Southtown 161 kV #2
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$566,485

Network Upgrade ID: 122808
Network Upgrade Name: Southtown 161 kV Breaker
Network Upgrade Description: Replace 1 breaker at the Southtown 161 kV station with a 40 kA breaker
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breaker must be rated for at least 40 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$566,485
Cost Allocation of the Network Upgrade: Base Plan

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Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Project ID: 81725
Project Name: Sub - Lake Road 161 kV
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$1,132,970

Network Upgrade ID: 122809
Network Upgrade Name: Lake Road 161 kV Breakers
Network Upgrade Description: Replace 2 breakers at the Lake Road 161 kV station with 30 kA breakers
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breakers must be rated for at least 30 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$1,132,970
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Project ID: 81726
Project Name: Sub - Craig 161 kV #2
Need Date for Project: 6/1/2022
Estimated Cost for Project: \$1,132,970

Network Upgrade ID: 122810
Network Upgrade Name: Craig 161 kV Breakers
Network Upgrade Description: Replace 2 breakers at the Craig 161 kV station with 63 kA breakers
Network Upgrade Owner: EM
MOPC Representative(s): Denise Buffington, Mo Awad, Burton Crawford, Jim Flucke
TWG Representative: Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: Breakers must be rated for at least 63 kA
Network Upgrade Justification: 2020 ITP
Estimated Cost for Network Upgrade (current day dollars): \$1,132,970
Cost Allocation of the Network Upgrade: Base Plan

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Estimated Cost Source: SPP
Date of Estimated Cost: 6/20/2020

Commitment to Construct

Please provide to SPP a written commitment to construct the Network Upgrade(s) within 90 days of the date of this NTC, in addition to providing a construction schedule and an updated $\pm 20\%$ cost estimate, NTC Project Estimate, in the Standardized Cost Estimate Reporting Template for the Network Upgrade(s). Failure to provide a sufficient written commitment to construct as required by the SPP OATT could result in the Network Upgrade(s) being assigned to another entity.

Mitigation Plan

The Need Date represents the timing required for the Network Upgrade(s) to address the identified need. Your prompt attention is required for formulation and approval of any necessary mitigation plans for the Network Upgrade(s) included in the Network Upgrade(s) if the Need Date is not feasible. Additionally, if it is anticipated that the completion of any Network Upgrade will be delayed past the Need Date, SPP requires a mitigation plan be filed within 60 days of the determination of expected delays.

Notification of Commercial Operation

Please submit a notification of commercial operation for each listed Network Upgrade to SPP as soon as the Network Upgrade is complete and in-service. Please provide SPP with the actual costs of these Network Upgrades as soon as possible after completion of construction. This will facilitate the timely billing by SPP based on actual costs.

Notification of Progress

On an ongoing basis, please keep SPP advised of any inability on EM's part to complete the approved Network Upgrade(s). For project tracking, SPP requires EM to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, EM shall also advise SPP of any inability to comply with the Project Schedule as soon as the inability becomes apparent.

All terms and conditions of the SPP OATT and the SPP Membership Agreement shall apply to this Project, and nothing in this NTC shall vary such terms and conditions.

Don't hesitate to contact me if you have questions or comments regarding these instructions. Thank you for the important role that you play in maintaining the reliability of our electric grid.

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Sincerely,



Antoine Lucas
Vice President, Engineering
Phone: (501) 614-3382 • Fax: (501) 482-2022 • alucas@spp.org

cc: Lanny Nickell - SPP
Casey Cathey - SPP
David Kelley - SPP
Denise Buffington - EM
Mo Awad - EM
Derek Brown - EM