

SPP-NTC-220791

**SPP
Notification to Construct**

November 25, 2024

Mr. Blake Poole
Eversource Kansas Central, Inc.
P.O. Box 418679
Kansas City, MO 64141-9679

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Poole,

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 Kansas Central, Inc. ("EKC"), as the Designated Transmission Owner, to construct the Network Upgrades.

On October 31, 2023, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of 2023 ITP.

SPP issued NTC-C 220770 on April 12, 2024. On July 8, 2024, SPP received EKC's NTC-C Project Estimates ("CPE") for Network Upgrades specified in the NTC-C. On October 29, 2024, the SPP Board of Directors approved cost changes with the project and determined that the requirements of Condition No. 1 of the NTC-C have been met.

New Network Upgrades

Previous NTC Number: 220770

Previous NTC Issue Date: 4/12/2024

Project ID: 94134

Project Name: Multi - Atlantic- Craig - West Gardener 345/115 kV

Need Date for Project: 6/1/2027

Estimated Cost for Project: \$119,388,782 (this project cost reflects Network Upgrades not included in this NTC)

Network Upgrade ID: 158640

Network Upgrade Name: Atlantic Substation 115 kV

Network Upgrade Description: Build a new 115 kV substation at the new intersection of West Gardner-Craig and Atlantic-Eudora Township.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 435 MVA
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$18,118,475
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 10/29/2024

Network Upgrade ID: 158641
Network Upgrade Name: Atlantic Substation 345 kV
Network Upgrade Description: Build a new 345 kV substation at the new intersection of West Gardner-Craig and Atlantic-Eudora Township.
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 435 MVA
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$28,916,015
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 10/29/2024

Network Upgrade ID: 158645
Network Upgrade Name: Eudora Township - Atlantic 115 kV Tap
Network Upgrade Description: Tap the existing Eudora Township - Atlantic 115 kV near Atlantic
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must achieve 239/239/239 /239 (SN/SE/WN/WE) MVA rating
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$7,584,713
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 10/29/2024

Network Upgrade ID: 158648
Network Upgrade Name: Atlantic 345/115 kV Transformer (115 kV)
Network Upgrade Description: Install two new 345/115 transformer at Atlantic 115 kV substation
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor to meet or exceed 400 / 400 / 400 (SN/SE/WN/WE) MVA rating
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$15,434,743
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 10/29/2024

Network Upgrade ID: 159064
Network Upgrade Name: Atlantic Terminal Equipment 345 kV Transformer (345 kV)
Network Upgrade Description: Install 345 kV terminal equipment to support 345/115 transformer at Atlantic 345 kV substation
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor to meet or exceed 435/435/435/435 (SN/SE/WN/WE) MVA rating
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$750,498
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 10/29/2024

Network Upgrade ID: 170552
Network Upgrade Name: Atlantic – Pacific #1 115 kV New Line
Network Upgrade Description: Build a 4.2-mile 115 kV new west line from Atlantic 115 kV substation to Pacific 115 kV substation and upgrade any necessary terminal equipment to achieve a summer emergency rating of 509 MVA.
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor to meet or exceed 435/509/435/509 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$11,216,179
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 12/4/2024

Network Upgrade ID: 170553
Network Upgrade Name: Atlantic – Pacific #2 115 kV New Line
Network Upgrade Description: Build a 1.7-mile 115 kV new east line from Atlantic 115 kV substation to Pacific 115 kV substation and upgrade any necessary terminal equipment to achieve a summer emergency rating of 509 MVA.
Network Upgrade Owner: EKC
MOPC Representative(s): Derek Brown, Kelli Merwald, Mo Awad, Jim Flucke
TWG Representative(s): Derek Brown
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor to meet or exceed 435/509/435/509 (SN/SE/WN/WE) MVA rating
Network Upgrade Justification: 2023 ITP
Estimated Cost for Network Upgrade (current day dollars): \$6,609,874
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: EKC
Date of Estimated Cost: 12/4/2024

Commitment to Construct

Please provide to SPP a written commitment to construct the Network Upgrade(s) by February 23, 2025. 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.

Project Schedule and In Service Date

In addition to a written commitment to construct, please provide a detailed project schedule, updated $\pm 20\%$ NTC Project Estimate, and an Estimated In-Service Date in the Standardized Cost Estimate Reporting Template for the Network Upgrade(s).

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 EKC's part to complete the approved Network Upgrade(s). For project tracking, SPP requires EKC's to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, EKC shall also advise SPP of any inability to comply with the Project In-Service Date as soon as the inability becomes apparent, and no later than 45 days before the First Reported In-Service Date agreed to upon acceptance of the NTC.

All terms and conditions of the SPP OATT and the SPP Membership Agreement shall apply to this project(s), and nothing in this letter shall vary such terms and conditions.

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

Sincerely,

A handwritten signature in black ink that reads "Casey Cathey".

Casey Cathey

Vice President, Engineering

Phone: (501) 614-3267 • Fax: (501) 482-2022 • ccathey@spp.org

cc: Lanny Nickell - SPP
Natasha Henderson - SPP
Tony Green - SPP
Sunny Raheem - SPP
Kelli Merwald - EKC
Mo Awad - EKC
Derek Brown - EKC
Jim Flucke - EKC
Katy Onnen - EKC
SPPprojecttracking