

SPP-NTC-220749

SPP
Notification to Construct

December 15, 2023

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.

New Network Upgrades

Project ID: 92999

Project Name: Sub - Blackberry - Neosho 345 kV Terminal Equipment

Need Date for Project: 1/1/2025

Estimated Cost for Project: \$3,415,129

Network Upgrade ID: 157403

Network Upgrade Name: Neosho 345 kV Terminal Upgrade

Network Upgrade Description: Install any necessary terminal equipment at Neosho 345 kV substation on the Neosho to Blackberry 345 kV line to achieve a summer emergency rating of 870 MVA.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 870/870/1076/1076 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$3,415,129

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Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 6/29/2023

Project ID: 93000

Project Name: Sub - Butler 138 kV - Midian 138 kV Terminal Upgrade

Need Date for Project: 1/1/2025

Estimated Cost for Project: \$2,658,322

Network Upgrade ID: 157405

Network Upgrade Name: Butler 138 kV Terminal Upgrade

Network Upgrade Description: Upgrade any necessary terminal equipment at Butler 138 kV substation on the Butler to Midian 138 kV line to achieve a summer emergency rating of 286 MVA.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 286/286/286/286 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$1,329,161

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: EKC

Date of Estimated Cost: 6/29/2023

Network Upgrade ID: 157406

Network Upgrade Name: Midian 138 kV Ckt 1 Terminal Upgrade

Network Upgrade Description: Upgrade any necessary terminal equipment at Midian 138 kV substation on the Midian to Butler 138 kV line to achieve a summer emergency rating of 286 MVA.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 286/286/286/286 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$1,329,161

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: EKC

Date of Estimated Cost: 6/29/2023

Project ID: 93053

Project Name: XFR - Franklin 161/69 kV Ckt 2

Need Date for Project: 1/1/2025

Estimated Cost for Project: \$3,323,769

Network Upgrade ID: 157620

Network Upgrade Name: Franklin 161/69 kV Transformer Ckt 2 (69 kV)

Network Upgrade Description: Install new 161/69 transformer Ckt 2 at Franklin 69 kV substation.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 100/110/100/110 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$1,661,885

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 5/30/2023

Network Upgrade ID: 157621

Network Upgrade Name: Franklin 161/69 kV Transformer Ckt 2 (161 kV)

Network Upgrade Description: Install new 161/69 transformer Ckt 2 at Franklin 161 kV substation.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 100/110/100/110 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$1,661,884

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 5/30/2023

Project ID: 93900

Project Name: Sub - Benton 345 kV - Wichita 345 kV Terminal Upgrades

Need Date for Project: 11/14/2023

Estimated Cost for Project: \$6,830,258

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Network Upgrade ID: 158452

Network Upgrade Name: Benton 345 kV Terminal Upgrade

Network Upgrade Description: Upgrade any necessary terminal equipment at Benton 345 kV substation on the Benton to Wichita 345 kV line to achieve a summer emergency rating of 1119 MVA.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 1002/1119/1159/1159 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$3,415,129

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 7/26/2023

Network Upgrade ID: 158453

Network Upgrade Name: Wichita 345 kV Terminal Upgrade

Network Upgrade Description: Upgrade any necessary terminal equipment at Wichita 345 kV substation on the Wichita to Benton 345 kV line to achieve a summer emergency rating of 1119 MVA.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: All elements and conductor to meet or exceed 1002/1119/1159/1159 (SN/SE/WN/WE) MVA rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$3,415,129

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 7/26/2023

Project ID: 94153

Project Name: XFR - 87th St. 345/115 kV. Ckt 2

Need Date for Project: 1/1/2025

Estimated Cost for Project: \$10,200,000

Network Upgrade ID: 158653

Network Upgrade Name: 87th St. Terminal Equipment Ckt 2

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Network Upgrade Description: Install 345 kV terminal equipment at 87th street ckt 2

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: Terminal equipment must support new 345/115 kV transformer with 675 MVA summer emergency rating.

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$5,100,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 12/15/2023

Network Upgrade ID: 158654

Network Upgrade Name: 87th St. 345/115 kV Transformer

Network Upgrade Description: Install new 345/115 kV Transformer on ckt 2 at 87th St.

Network Upgrade Owner: EKC

MOPC Representative(s): Derek Brown, Kayla Messamore, Mo Awad, Jim Flucke

TWG Representative(s): Derek Brown

Categorization: Economic

Network Upgrade Specification: Transformer must meet or exceed 675 MVA summer emergency rating

Network Upgrade Justification: 2023 ITP

Estimated Cost for Network Upgrade (current day dollars): \$5,100,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: SPP

Date of Estimated Cost: 12/15/2023

Commitment to Construct

Please provide to SPP a written commitment to construct the Network Upgrade(s) by March 14, 2024, in addition to providing a construction schedule and an updated -20% to +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

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mitigation plans for the Network Upgrade(s) included in the Network Upgrade(s) if the Need Date is not feasible.

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 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(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 blue ink that reads "David Kelley".

David Kelley
Vice President, Engineering
Phone: (501) 688-1671 • Fax: (501) 482-2022 • dkelley@spp.org

cc: Lanny Nickell - SPP
Casey Cathey - SPP
Natasha Henderson - SPP
Tony Green - SPP
Derek Brown - EKC
Kayla Messamore - EKC
Mo Awad - EKC
Derek Brown - EKC
Jim Flucke - EKC
Katy Onnen - EKC