

SPP-NTC-210483

**SPP
Notification to Construct**

April 26, 2018

Mr. Kalun Kelley
Western Farmers Electric Cooperative
701 NE 7th Street
Anadarko, OK 73005

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Kelley,

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 Western Farmers Electric Cooperative ("WFEC"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 8, 2018, SPP concluded that the Network Upgrade(s) below are required on the WFEC system to fulfill delivery point request(s) as detailed in the Delivery Point Network Study DPA-2017-August-767-774-776. On February 8, 2018, SPP received all executed Transmission Service Agreements associated with DPA-2017-August-767-774-776.

NTC-C No. 200481 was issued to WFEC on February 27, 2018. On March 22, 2018, SPP received WFEC's NTC-C Project Estimates ("CPE") for the Network Upgrades specified in the NTC-C. SPP has reviewed the CPEs and determined that the requirements of Condition No. 1 of the NTC-C have been met.

New Network Upgrades

Project ID: 51282

Project Name: Multi - Park Community - Sunshine 138 kV

Estimated Cost for Project: \$88,500,000

Network Upgrade ID: 72013

Network Upgrade Name: Park Community 138 kV Substation

Network Upgrade Description: New Park Community 138 kV substation with 3-terminal flat bus.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

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TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2018
Estimated Cost for Network Upgrade (current day dollars): \$2,000,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72014
Network Upgrade Name: Omega - Park Community 138 kV Ckt 1 New Line
Network Upgrade Description: Construct new 9.4 mile 138 kV line from Omega - Park Community. Complete necessary terminal upgrades at Omega.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2018
Estimated Cost for Network Upgrade (current day dollars): \$4,700,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72015
Network Upgrade Name: Omega - Watonga SW 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 7.9 mile 69 kV line from Omega - Watonga SW to 138 kV. Complete necessary terminal upgrades at Watonga SW.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$7,950,000

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Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72016
Network Upgrade Name: Okeene - Watonga SW 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 13.5 mile 69 kV line from Okeene - Watonga SW to 138 kV.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$6,750,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72018
Network Upgrade Name: Calumet - Watonga SW 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 16.8 mile 69 kV line from Calumet - Watonga SW to 138 kV.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$8,400,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72019
Network Upgrade Name: Calumet - Concho 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 9.0 mile 69 kV line from Calumet - Concho to

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138 kV. Complete necessary terminal upgrades at Concho.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2020

Estimated Cost for Network Upgrade (current day dollars): \$1,250,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72020

Network Upgrade Name: Calumet - Cana 138 kV Ckt 1 Voltage Conversion

Network Upgrade Description: Convert 9.1 mile 69 kV line from Calumet - Cana to 138 kV. Complete necessary terminal upgrades at Cana.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2020

Estimated Cost for Network Upgrade (current day dollars): \$4,550,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72021

Network Upgrade Name: Calumet 138 kV Substation

Network Upgrade Description: New Calumet 138 kV substation with 4-terminal ring bus.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

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Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$4,000,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72022
Network Upgrade Name: Cana - El Reno Jct 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 3.3 mile 69 kV line from Cana - El Reno Jct to 138 kV. Complete necessary terminal upgrades at El Reno Jct.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$5,650,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72023
Network Upgrade Name: El Reno - El Reno Jct 138 kV Ckt 1 Voltage Conversion
Network Upgrade Description: Convert 6.5 mile 69 kV line from El Reno - El Reno Jct to 138 kV. Complete necessary terminal upgrades at El Reno.
Network Upgrade Owner: WFEC
MOPC Representative(s): Carroll Reddick
TWG Representative: Kalun Kelley
Categorization: Regional Reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.
Network Upgrade Justification: DPA-2017-August-767-774-776
Need Date for Network Upgrade: 6/1/2019
Estimated Cost for Network Upgrade (current day dollars): \$4,000,000
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

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Network Upgrade ID: 72024

Network Upgrade Name: El Reno - Mustang 138 kV Ckt 1 Voltage Conversion

Network Upgrade Description: Convert 21.3 mile 69 kV line from El Reno - Mustang to 138 kV. Complete necessary terminal upgrades at Mustang.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2019

Estimated Cost for Network Upgrade (current day dollars): \$10,650,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72025

Network Upgrade Name: Mustang - Sara Road 138 kV Ckt 1 Voltage Conversion

Network Upgrade Description: Convert 2.1 mile 69 kV line from Mustang - Sara Road to 138 kV. Complete necessary terminal upgrades at Sara Road.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2019

Estimated Cost for Network Upgrade (current day dollars): \$1,050,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72026

Network Upgrade Name: Sara Road - Sunshine 138 kV Ckt 1 Voltage Conversion

Network Upgrade Description: Convert 10.0 mile 69 kV line from Sara Road - Sunshine to 138 kV.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

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Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2019

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

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72027

Network Upgrade Name: Cogar - El Reno Jct 138 kV Ckt 1 Voltage Conversion

Network Upgrade Description: Convert 10.6 mile 69 kV line from Cogar - El Reno Jct to 138 kV.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2020

Estimated Cost for Network Upgrade (current day dollars): \$5,300,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72028

Network Upgrade Name: Cogar 138/69 kV Transformer

Network Upgrade Description: Construct 138/69 kV transformer at Cogar substation.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 250 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2020

Estimated Cost for Network Upgrade (current day dollars): \$4,500,000

Cost Allocation of the Network Upgrade: Base Plan

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Estimated Cost Source: WFEC
Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72029

Network Upgrade Name: Kingfisher SW - Park Community 138 kV Ckt 1 New Line

Network Upgrade Description: Construct new 9.0 mile 138 kV line from Kingfisher SW - Park Community.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2018

Estimated Cost for Network Upgrade (current day dollars): \$4,500,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72030

Network Upgrade Name: Kingfisher SW 138 kV Substation

Network Upgrade Description: Tap the East Kingfisher - Reeding 138 kV line and construct new Kingfisher SW 138 kV substation with 4-terminal ring bus.

Network Upgrade Owner: WFEC

MOPC Representative(s): Carroll Reddick

TWG Representative: Kalun Kelley

Categorization: Regional Reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 136 MVA.

Network Upgrade Justification: DPA-2017-August-767-774-776

Need Date for Network Upgrade: 6/1/2018

Estimated Cost for Network Upgrade (current day dollars): \$4,000,000

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: WFEC

Date of Estimated Cost: 3/12/2018

Network Upgrade ID: 72031

Network Upgrade Name: Concho - Kingfisher SW 138 kV Ckt 1 New Line

Network Upgrade Description: Construct new 8.5 mile 138 kV line from Concho - Kingfisher SW.

SPP-NTC-210483**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Carroll Reddick**TWG Representative:** Kalun Kelley**Categorization:** Regional Reliability**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 136 MVA.**Network Upgrade Justification:** DPA-2017-August-767-774-776**Need Date for Network Upgrade:** 6/1/2019**Estimated Cost for Network Upgrade (current day dollars):** \$4,250,000**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 3/12/2018**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 WFEC's part to complete the approved Network Upgrade(s). For project tracking, SPP requires WFEC to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, WFEC shall also advise SPP of any inability to comply with the Project

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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.

Sincerely,



Lanny Nickell
Vice President, Engineering
Phone: (501) 614-3232 • Fax: (501) 482-2022 • lnickell@spp.org

cc: Carl Monroe - SPP
Antoine Lucas - SPP
Jay Caspary - SPP
Ron Cunningham - WFEC
Carroll Reddick - WFEC