

**SPP-NTC-210586**

**SPP  
Notification to Construct**

November 17, 2020

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 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.

**Upgrades with Modifications**

Previous NTC Number: 200411

Previous NTC Issue Date: 8/17/2016

**Project ID:** 81617

**Project Name:** Line - Anadarko - Gracemont 138kV

**Estimated Cost for Project:** \$8,297,502 (this project cost contains Network Upgrades not included in this NTC)

**Network Upgrade ID:** 122577

**Network Upgrade Name:** Anadarko - Gracemont 138 kV Ckt 1 Rebuild

**Network Upgrade Description:** Rebuild 5.09-mile 138 kV line from Anadarko to Gracemont as a double circuit and install/upgrade any necessary terminal equipment to achieve a summer emergency rating of 353 MVA for each circuit

**Network Upgrade Owner:** WFEC

**MOPC Representative(s):** Matt Caves

**TWG Representative:** Kalun Kelley

**SPP-NTC-210586****Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 353 MVA**Network Upgrade Justification:** 2020 ITP**Need Date for Network Upgrade:** 1/1/2021**Estimated Cost for Network Upgrade (current day dollars):** \$2,850,000**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 6/30/2020

### New Network Upgrades

**Project ID:** 81553**Project Name:** Line - Russett - South Brown 138 kV**Need Date for Project:** 1/1/2022**Estimated Cost for Project:** \$9,959,291 (this project cost contains Network Upgrades not included in this NTC)**Network Upgrade ID:** 112443**Network Upgrade Name:** Russett - South Brown 138 kV Ckt 1 Rebuild**Network Upgrade Description:** Rebuild 18.62 miles of 138 kV line from Russett to South Brown and upgrade terminal equipment at South Brown as needed to achieve a summer emergency rating of 234 MVA**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley**Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 234 MVA.**Network Upgrade Justification:** 2020 ITP**Estimated Cost for Network Upgrade (current day dollars):** \$9,959,291**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 6/30/2020**Project ID:** 81617**Project Name:** Line - Anadarko - Gracemont 138 kV**Estimated Cost for Project:** \$20,260,006 (this project cost contains Network Upgrades not included in this NTC)

**SPP-NTC-210586****Network Upgrade ID:** 122753**Network Upgrade Name:** Anadarko - Gracemont 138 kV Ckt 2 Rebuild**Network Upgrade Description:** Rebuild 5.09-mile 138 kV line from Anadarko to Gracemont as double circuit and add/upgrade any necessary equipment to achieve a summer emergency rating of 353 MVA for each circuit**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley**Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 353 MVA**Network Upgrade Justification:** 2020 ITP**Need Date for Network Upgrade:** 1/1/2023**Estimated Cost for Network Upgrade (current day dollars):** \$4,636,432**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 6/30/2020**Network Upgrade ID:** 122756**Network Upgrade Name:** Anadarko 138 kV Ckt 2 Terminal Equipment**Network Upgrade Description:** Install terminal equipment at Anadarko 138 kV to support a second 138 kV line from Anadarko to Gracemont to achieve a summer emergency rating of 353 MVA**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley**Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 353 MVA**Network Upgrade Justification:** 2020 ITP**Need Date for Network Upgrade:** 1/1/2023**Estimated Cost for Network Upgrade (current day dollars):** \$405,535**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** SPP**Date of Estimated Cost:** 6/8/2020**Project ID:** 81679**Project Name:** Multi - Dover Switch - O'Keene and Aspen - Mooreland - Pic 138 kV**Need Date for Project:** 1/1/2022**Estimated Cost for Project:** \$1,617,500

**SPP-NTC-210586****Network Upgrade ID:** 122722**Network Upgrade Name:** Dover Switch - O'Keene 138 kV Ckt 1 Terminal Upgrades**Network Upgrade Description:** Upgrade any necessary terminal equipment, increase clearances, and replace conductor to achieve a summer emergency rating of 136 MVA**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley**Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 136 MVA**Network Upgrade Justification:** 2020 ITP**Estimated Cost for Network Upgrade (current day dollars):** \$1,010,000**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 6/25/2020**Network Upgrade ID:** 122865**Network Upgrade Name:** Mooreland - Aspen 138 kV Terminal Upgrades**Network Upgrade Description:** Upgrade any necessary terminal equipment at Mooreland 138 kV for the Aspen to Mooreland 138 kV line to achieve a summer emergency rating of 187 MVA**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley**Categorization:** Economic**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 187 MVA**Network Upgrade Justification:** 2020 ITP**Estimated Cost for Network Upgrade (current day dollars):** \$202,500**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** WFEC**Date of Estimated Cost:** 7/7/2020**Network Upgrade ID:** 122866**Network Upgrade Name:** Mooreland - Pic 138 kV Terminal Upgrades**Network Upgrade Description:** Upgrade any necessary terminal equipment at Mooreland 138 kV for the Mooreland to Pic 138 kV line to achieve a summer emergency rating of 187 MVA**Network Upgrade Owner:** WFEC**MOPC Representative(s):** Matt Caves**TWG Representative:** Kalun Kelley

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**Categorization:** Economic  
**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 187 MVA  
**Network Upgrade Justification:** 2020 ITP  
**Estimated Cost for Network Upgrade (current day dollars):** \$405,000  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** WFEC  
**Date of Estimated Cost:** 6/25/2020

**Project ID:** 81751  
**Project Name:** Sub - Anadarko 138 kV #2  
**Need Date for Project:** 6/1/2022  
**Estimated Cost for Project:** \$850,000

**Network Upgrade ID:** 122864  
**Network Upgrade Name:** Anadarko 138 kV Breakers #2  
**Network Upgrade Description:** Replace 4 breakers at the Anadarko 138 kV station with 63 kA breakers  
**Network Upgrade Owner:** WFEC  
**MOPC Representative(s):** Matt Caves  
**TWG Representative:** Kalun Kelley  
**Categorization:** Regional Reliability  
**Network Upgrade Specification:** Breakers must be rated at 63 kA  
**Network Upgrade Justification:** 2020 ITP  
**Estimated Cost for Network Upgrade (current day dollars):** \$850,000  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** WFEC  
**Date of Estimated Cost:** 9/16/2020

### **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

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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 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,

A handwritten signature in blue ink, appearing to read "AL", with a long horizontal flourish extending to the right.

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

cc: Lanny Nickell - SPP  
Casey Cathey - SPP  
David Kelley - SPP  
Ron Cunningham - WFEC  
Matt Caves - WFEC