

**SPP-NTC-200333**

**SPP  
Notification to Construct**

February 18, 2015

Mr. John Fulton  
Southwestern Public Service Company  
P.O. Box 1261  
Amarillo, TX 79105

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Fulton,

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 Southwestern Public Service Company ("SPS"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 28, 2014, the SPP Board of Directors ("BOD") approved the Network Upgrade(s) listed below to be constructed as part of the 2014 Integrated Transmission Planning Near-Term Assessment. On February 19, 2014, SPP issued SPS the Notification to Construct with Conditions ("NTC-C") No. 200257.

On August 28, 2014, SPS submitted the NTC-C Project Estimate(s) ("CPE")(s) for the Network Upgrade(s) with Project ID No. 30578, which resulted in an automatic re-evaluation of the Network Upgrade(s). On January 27, 2015, the BOD approved the Network Upgrade(s) listed below to be constructed.

**Upgrades with Modifications**

**Previous NTC Number:** 200257  
**Previous NTC Issue Date:** 2/19/2014  
**Project ID:** 30578  
**Project Name:** Multi - Bailey Co. - Lamb Co. 115 kV  
**Need Date for Project:** 6/1/2016  
**Estimated Cost for Project:** \$49,643,005

**SPP-NTC-200333**

**Network Upgrade ID:** 50725

**Network Upgrade Name:** Bailey Co. - Bailey Co. Pump 115 kV Ckt 1

**Network Upgrade Description:** Build new 9.4-mile 115 kV line from Bailey Co. to Bailey Co. Pump. Install any necessary terminal equipment at Bailey Co.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$8,208,578

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**Network Upgrade ID:** 50729

**Network Upgrade Name:** Bailey Co. Pump - Sundan Rural 115 kV Ckt 1

**Network Upgrade Description:** Build new 11.7-mile 115 kV line from Bailey Co. Pump to Sundan Rural and convert high side voltage of the distribution transformers at Bailey Co. Pump and Sundan Rural from 69 kV to 115 kV.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$8,038,605

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**SPP-NTC-200333**

**Network Upgrade ID:** 50731

**Network Upgrade Name:** New Amherst 116/69 kV Ckt 1 Transformer

**Network Upgrade Description:** Install new 115/69 kV 84 MVA transformer at New Amherst. Install any necessary 69 kV terminal equipment.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 84 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$5,367,770

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**Network Upgrade ID:** 50732

**Network Upgrade Name:** New Amherst - Sudan Rural 115 kV Ckt 1

**Network Upgrade Description:** Build new 8.6-mile 115 kV line from New Amherst to Sudan Rural.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$5,074,202

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**SPP-NTC-200333**

**Network Upgrade ID:** 50734

**Network Upgrade Name:** New Amherst 115 kV Terminal Upgrades Ckt 1

**Network Upgrade Description:** Install 115 kV terminal equipment at New Amherst to accommodate new 115/69 kV transformer.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$3,028,707

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**Network Upgrade ID:** 50735

**Network Upgrade Name:** Lamb Co. - New Amherst 115 kV Ckt 1

**Network Upgrade Description:** Build new 13.9-mile 115 kV line from Lamb Co. to New Amherst. Convert high side voltage of the West Littlefield distribution transformer from 69 kV to 115 kV.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$16,737,611

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**SPP-NTC-200333**

**Network Upgrade ID:** 50736

**Network Upgrade Name:** West Littlefield - West Littlefield Tap 115 kV Ckt 1

**Network Upgrade Description:** Build new 8.6-mile 115 kV line from West Littlefield to West Littlefield Tap. Install necessary terminal equipment at West Littlefield.

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** William Grant

**TWG Representative:** John Fulton

**Reason for Change:** SPP staff re-evaluated the project and determined it is the best regional solution. The BOD approved removal of the conditions on this project.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 304 MVA.

**Network Upgrade Justification:** To address the overload of the Lamb Co. 115/69 kV transformer for the outage of the parallel 115/69 kV transformer and low voltage at East Muleshoe for the outage of East Muleshoe - Plant X 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$3,187,532

**Cost Allocation of the Network Upgrade:** Base Plan

**Estimated Cost Source:** SPS

**Date of Estimated Cost:** 8/28/2014

**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 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.

**SPP-NTC-200333**

**Notification of Progress**

On an ongoing basis, please keep SPP advised of any inability on SPS's part to complete the approved Network Upgrade(s). For project tracking, SPP requires SPS to submit status updates of the Network Upgrade(s) quarterly in conjunction with the BOD meetings. However, SPS 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,



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

cc: Carl Monroe - SPP  
Antoine Lucas - SPP  
William Grant - SPS