

**SPP-NTC-200390**

**SPP  
Notification to Construct**

May 17, 2016

Mr. Jeff Tullis  
Grand River Dam Authority  
P.O. Box 1128  
Pryor, OK 74119

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Tullis,

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 Grand River Dam Authority ("GRDA"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On April 26, 2016, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as a part of the 2016 Integrated Transmission Planning Near-Term Assessment ("ITPNT").

**New Network Upgrades**

**Project ID:** 31024

**Project Name:** Device - Skiatook 69 kV Cap Bank

**Need Date for Project:** 6/1/2017

**Estimated Cost for Project:** \$1,134,600

**Network Upgrade ID:** 51486

**Network Upgrade Name:** Skiatook 69 kV Cap Bank

**Network Upgrade Description:** Install new 9-MVAR cap bank at Skiatook 69 kV.

**Network Upgrade Owner:** GRDA

**MOPC Representative(s):** Tim Brown

**TWG Representative:** Joe Fultz

**Categorization:** Regional reliability

**Network Upgrade Specification:** Install 9 MVAR of capacitance at Skiatook 69 kV.

**Network Upgrade Justification:** Upgrade identified in the Needs Assessment of the 2016 ITPNT as needed for regional reliability.

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**Estimated Cost for Network Upgrade (current day dollars):** \$1,134,600  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** GRDA  
**Date of Estimated Cost:** 3/8/2016

**Project ID:** 31025  
**Project Name:** Sub - Sallisaw 161 kV Terminal Upgrades  
**Need Date for Project:** 6/1/2017  
**Estimated Cost for Project:** \$2,266,000

**Network Upgrade ID:** 51487  
**Network Upgrade Name:** Sallisaw 161 kV Terminal Upgrades  
**Network Upgrade Description:** Install ring bus at Sallisaw 161 kV substation.  
**Network Upgrade Owner:** GRDA  
**MOPC Representative(s):** Tim Brown  
**TWG Representative:** Joe Fultz  
**Categorization:** Regional reliability  
**Network Upgrade Specification:** Install ring bus at Sallisaw 161 kV substation.  
**Network Upgrade Justification:** Upgrade identified in the Needs Assessment of the 2016 ITPNT as needed for regional reliability.  
**Estimated Cost for Network Upgrade (current day dollars):** \$2,266,000  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** GRDA  
**Date of Estimated Cost:** 3/2/2016

**Upgrades with Modifications**

**Previous NTC Number:** 200316  
**Previous NTC Issue Date:** 2/18/2015  
**Project ID:** 30892  
**Project Name:** Sub - CPPXF#22 69 kV Terminal Upgrades  
**Need Date for Project:** 6/1/2015  
**Estimated Cost for Project:** \$134,800

**Network Upgrade ID:** 51212  
**Network Upgrade Name:** CPPXF#22 69 kV Terminal Upgrades  
**Network Upgrade Description:** Upgrade breaker and relay(s) at CPPXF#22 69 kV substation.  
**Network Upgrade Owner:** GRDA  
**MOPC Representative(s):** Tim Brown  
**TWG Representative:** Joe Fultz

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**Reason for Change:** SPP re-evaluated the Network Upgrade in the 2016 ITPNT and determined it is the best regional solution. The Board approved reissuing the NTC with the previous Need Date.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 123 MVA.

**Network Upgrade Justification:** Upgrade identified in the Needs Assessment of the 2016 ITPNT as needed for regional reliability.

**Estimated Cost for Network Upgrade (current day dollars):** \$134,800

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 2/1/2016

**Previous NTC Number:** 200316

**Previous NTC Issue Date:** 2/18/2015

**Project ID:** 30909

**Project Name:** Sub - Collinsville - Skiatook 69 kV Terminal Upgrades

**Need Date for Project:** 6/1/2017

**Estimated Cost for Project:** \$160,200

**Network Upgrade ID:** 51230

**Network Upgrade Name:** Collinsville - Skiatook 69 kV Terminal Upgrades

**Network Upgrade Description:** Replace CTs and relays at both Collinsville and Skiatook substations to increase the rating of the 69 kV line from Collinsville to Skiatook. Upgrade breaker at Collinsville.

**Network Upgrade Owner:** GRDA

**MOPC Representative(s):** Tim Brown

**TWG Representative:** Joe Fultz

**Reason for Change:** The project scope for the Network Upgrade was modified in the 2016 ITPNT.

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 61 MVA.

**Network Upgrade Justification:** Upgrade identified in the Needs Assessment of the 2016 ITPNT as needed for regional reliability.

**Estimated Cost for Network Upgrade (current day dollars):** \$160,200

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

**Estimated Cost Source:** GRDA

**Date of Estimated Cost:** 3/15/2016

**Commitment to Construct**

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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 GRDA's part to complete the approved Network Upgrade(s). For project tracking, SPP requires GRDA to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, GRDA 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 black ink that reads "Lanny Nickell".

Lanny Nickell

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Vice President, Engineering

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cc: Carl Monroe - SPP  
Antoine Lucas - SPP  
Mike Stafford - GRDA  
Joe Fultz - GRDA