

**SPP-NTC-200319**

**SPP  
Notification to Construct**

February 18, 2015

Mr. Philip Crissup  
Oklahoma Gas and Electric Co.  
P.O. Box 321, M/C 903  
Oklahoma City, OK 73101

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Crissup,

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 Oklahoma Gas and Electric Co. ("OGE"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 27, 2015, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of the 2015 Integrated Transmission Planning ("ITP") Near-Term Assessment.

**New Network Upgrades**

**Project ID:** 30876

**Project Name:** Line - Little River - Maud 69 kV Ckt 1 Rebuild

**Need Date for Project:** 6/1/2015

**Estimated Cost for Project:** \$5,060,286

**Network Upgrade ID:** 51190

**Network Upgrade Name:** Little River - Maud 69 kV Ckt 1 Rebuild

**Network Upgrade Description:** Rebuild 10.7-mile 69 kV line from Little River to Maud.

**Network Upgrade Owner:** OGE

**MOPC Representative(s):** Jacob Langthorn, IV

**TWG Representative:** Travis Hyde

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 72 MVA.

**Network Upgrade Justification:** To address the overload of Little River - Maud 69 kV

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Ckt 1 for the loss of Fixico - Lima Tap 69 kV Ckt 1 and Lima Tap - Wewoka 69 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$5,060,286

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Project ID:** 30884

**Project Name:** XFR - Stillwater 138/69 kV Ckt 1 Transformer

**Need Date for Project:** 6/1/2019

**Estimated Cost for Project:** \$3,398,023

**Network Upgrade ID:** 51202

**Network Upgrade Name:** Stillwater 138/69 kV Ckt 1 Transformer

**Network Upgrade Description:** Install 138/69 kV bus tie transformer at Stillwater and interface Stillwater 69 kV substation with existing Stillwater Municipal 69 kV transmission system.

**Network Upgrade Owner:** OGE

**MOPC Representative(s):** Jacob Langthorn, IV

**TWG Representative:** Travis Hyde

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 134 MVA.

**Network Upgrade Justification:** To address the overload of the Stillwater Kinze 138/69 kV transformer in the base case.

**Estimated Cost for Network Upgrade (current day dollars):** \$2,786,625

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Network Upgrade ID:** 51269

**Network Upgrade Name:** Stillwater 138 kV Terminal Upgrades

**Network Upgrade Description:** Install 138 kV terminal equipment required to install new 138/69 kV transformer at Stillwater.

**Network Upgrade Owner:** OGE

**MOPC Representative(s):** Jacob Langthorn, IV

**TWG Representative:** Travis Hyde

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 134 MVA.

**Network Upgrade Justification:** To address the overload of the Stillwater Kinze 138/69

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kV transformer in the base case.

**Estimated Cost for Network Upgrade (current day dollars):** \$611,398

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Project ID:** 30899

**Project Name:** Device - Four Corners 69 kV Cap Bank

**Need Date for Project:** 6/1/2015

**Estimated Cost for Project:** \$647,712

**Network Upgrade ID:** 51219

**Network Upgrade Name:** Four Corners 69 kV Cap Bank

**Network Upgrade Description:** Install one (1) 14.4-MVAR capacitor bank at Four Corners 69 kV substation.

**Network Upgrade Owner:** OGE

**MOPC Representative(s):** Jacob Langthorn, IV

**TWG Representative:** Travis Hyde

**Categorization:** Regional reliability

**Network Upgrade Specification:** Install 14.4 MVAR of capacitance at Four Corners 69 kV substation.

**Network Upgrade Justification:** To address low voltages at Kremlin 69 kV and Kremlin Tap 69 kV substations for the loss of Kremlin Tap - NE Enid 69 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$647,712

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Project ID:** 30900

**Project Name:** Sub - Warner Tap 69 kV Terminal Upgrades

**Need Date for Project:** 6/1/2015

**Estimated Cost for Project:** \$469,219

**Network Upgrade ID:** 51220

**Network Upgrade Name:** Warner Tap 69 kV Terminal Upgrades

**Network Upgrade Description:** Install new 69 kV breaker at Warner Tap to facilitate closing of the 69 kV switch at Wells substation.

**Network Upgrade Owner:** OGE

**MOPC Representative(s):** Jacob Langthorn, IV

**TWG Representative:** Travis Hyde

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an

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emergency rating of 72 MVA.

**Network Upgrade Justification:** To address low voltages at Checota 69 kV and Wells 69 kV substations in both the base case and for the loss of Checota 69 kV switched shunt.

**Estimated Cost for Network Upgrade (current day dollars):** \$469,219

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

### **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 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 OGE's part to complete the approved Network Upgrade(s). For project tracking, SPP requires OGE to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, OGE 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.

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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,



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Vice President, Engineering  
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cc: Carl Monroe - SPP  
Antoine Lucas - SPP  
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