

**SPP-NTC-200317**

**SPP  
Notification to Construct**

February 18, 2015

Mr. Harold Wyble  
Kansas City Power & Light Company  
801-A, P.O. Box 418679  
Kansas City, MO 64141-9679

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Wyble,

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 Kansas City Power & Light Company ("KCPL"), 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:** 30881

**Project Name:** XFR - South Waverly 161/69 kV Ckt 1 Transformer

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

**Estimated Cost for Project:** \$1,441,610

**Network Upgrade ID:** 51197

**Network Upgrade Name:** South Waverly 161/69 kV Ckt 1 Transformer

**Network Upgrade Description:** Replace existing 161/69 kV transformer at South Waverly to increase the rating.

**Network Upgrade Owner:** KCPL

**MOPC Representative(s):** Denise Buffington

**TWG Representative:** Harold Wyble

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 55 MVA.

**Network Upgrade Justification:** To address the overload of Odessa 161/69 kV Ckt 1

**SPP-NTC-200317**

transformer and South Waverly 161/69 kV Ckt 1 transformer for the loss of Amoco Pipeline - Mayview Tap 69 kV Ckt 1, Amoco Pipeline - West Higginsville 69 kV Ckt 1, and City of Higginsville - Higginsville 69 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$1,355,978

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

**Estimated Cost Source:** SPP

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

**Network Upgrade ID:** 51268

**Network Upgrade Name:** South Waverly 161 kV Terminal Upgrades

**Network Upgrade Description:** Install 161 kV terminal upgrades at South Waverly necessary to upgrade the 161/69 kV transformer.

**Network Upgrade Owner:** KCPL

**MOPC Representative(s):** Denise Buffington

**TWG Representative:** Harold Wyble

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 55 MVA.

**Network Upgrade Justification:** To address the overload of Odessa 161/69 kV Ckt 1 transformer and South Waverly 161/69 kV Ckt 1 transformer for the loss of Amoco Pipeline - Mayview Tap 69 kV Ckt 1, Amoco Pipeline - West Higginsville 69 kV Ckt 1, and City of Higginsville - Higginsville 69 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$85,632

**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

**SPP-NTC-200317**

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 KCPL's part to complete the approved Network Upgrade(s). For project tracking, SPP requires KCPL to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, KCPL 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  
Todd Fridley - KCPL  
Patricia Denny - KCPL