

## SPP Notification to Construct

February 8, 2010

SPP-NTC-20087

Mr. Harold Wyble  
Kansas City Power & Light Company  
801-A, PO 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 Attachment O, Section VIII, of the SPP Open Access Transmission Tariff ("OATT"), SPP provides this Notification to Construct ("NTC") directing Kansas City Power & Light Company, Greater Missouri Operations, as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 26, 2010, the Southwest Power Pool ("SPP") Board of Directors approved the Network Upgrade(s) listed below to be constructed.

### New Network Upgrades

**Project ID:** 30187  
**Project Name:** Device - Adrian 161kV Capacitor  
**Need Date for Project:** 6/1/2011  
**Estimated Cost for Project:** \$810,000

**Network Upgrade ID:** 50194  
**Network Upgrade Description:** Add 20 Mvar capacitor bank at Adrian 161 kV.  
**Network Upgrade Owner:** Kansas City Power & Light Company, Greater Missouri Operations  
**MOPC Representative:** Patricia Denny  
**TWG Representative:** none  
**Categorization:** Regional reliability  
**Network Upgrade Specification:** Install capacitor of size 20 Mvar.  
**Network Upgrade Justification:** To address low voltage at Adrian and Nevada for the loss of Adrian - Archie 161 kV.  
**Need Date for Network Upgrade:** 6/1/2011  
**Estimated Cost for Network Upgrade (current day dollars):** \$810,000

**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** SPP

**Project ID:** 715  
**Project Name:** Line - Glenare - Liberty 69 kV  
**Need Date for Project:** 6/1/2013  
**Estimated Cost for Project:** \$200,000

**Network Upgrade ID:** 10952  
**Network Upgrade Description:** Reconductor GMO portion of Glenare - Liberty 69 kV.  
**Network Upgrade Owner:** Kansas City Power & Light Company, Greater Missouri Operations  
**MOPC Representative:** Patricia Denny  
**TWG Representative:** none  
**Categorization:** Regional reliability  
**Network Upgrade Specification:** Upgrade the line to emergency rating 79 MVA.  
**Network Upgrade Justification:** To address the overload of Glenare - Liberty 69kV for the loss of the Liberty - Sibley 69kV.  
**Need Date for Network Upgrade:** 6/1/2013  
**Estimated Cost for Network Upgrade (current day dollars):** \$200,000  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** KCPL

### **Withdrawal of Upgrades**

**Previous NTC number:** 20034  
**Previous NTC issue Date:** 1/27/2009  
**Project ID:** 30076  
**Project Name:** Device – Warsaw 69 kV Capacitor

**Network Upgrade ID:** 50082  
**Network Upgrade Description:** Install a 12 Mvar capacitor bank at Warsaw substation 69 kV bus.  
**Reason For Change:** Previous NTC was based on a model error. Transformer tap settings were corrected in the 2009 STEP and this upgrade is no longer required.

**Previous NTC number:** 20034  
**Previous NTC issue Date:** 1/27/2009  
**Project ID:** 30174  
**Project Name:** Device - Craig 69 kV Capacitor

**Network Upgrade ID:** 50182

**Network Upgrade Description:** Install a 5 Mvar capacitor at Craig substation 69 kV bus.

**Reason For Change:** Previous NTC was based on a model error. Transformer tap settings were corrected in the 2009 STEP and this upgrade is no longer required.

### **Withdrawal of Network Upgrade**

Kansas City Power & Light Company, Greater Missouri Operations has been made aware of all Network Upgrades withdrawn through the expansion plan process. This letter is the formal notification to stop any further work on this Network Upgrade(s), collect any cost associated with the Network Upgrade(s), and provide this information to SPP.

### **Commitment to Construct**

Please provide to SPP a written commitment to construct the Network Upgrade(s) within 90 days of the date of this Notification to Construct, pursuant to Attachment O, Section VIII.6 of the SPP OATT, in addition to providing a construction schedule for the Network Upgrade(s). Failure to provide a written commitment to construct as required by Attachment O 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) 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 Kansas City Power & Light Company, Greater Missouri Operations's part to complete the approved Network Upgrade(s). For project tracking purposes, SPP requires Kansas City Power & Light Company, Greater Missouri Operations to submit updates on the status of the Network Upgrade(s) on a quarterly basis in conjunction with the SPP Board of Directors meetings. However, consistent with Sections 20.1 and 32.10 of the SPP OATT, Kansas City Power & Light Company, Greater Missouri Operations 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 "Bruce A. Rew".

Bruce Rew  
Vice President, Engineering  
Phone (501) 614-3214 • Fax: (501) 821-3198 • [BRew@spp.org](mailto:BRew@spp.org)

cc: Carl Monroe, Les Dilahunty, Pat Bourne, Jay Caspary, Keith Tynes, John Mills,  
[SPPprojecttracking@spp.org](mailto:SPPprojecttracking@spp.org), Patricia Denny, Todd Fridley, Dennis Odell