

**SPP**  
**Notification to Construct**

June 19, 2009

SPP-NTC-20042

Mr. Todd Fridley  
Kansas City Power and Light Company  
1201 Walnut Street  
16<sup>th</sup> Floor  
Kansas City, MO 64106

***RE: Notification to Construct Approved Balanced Portfolio Network Upgrades***

Dear Mr. Fridley:

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 and Light Company (“KCPL”), as the Designated Transmission Owner, to construct the following approved Network Upgrades.

During the April 28, 2009 meeting, the SPP Board of Directors approved Balanced Portfolio 3E “adjusted” and directed the following Network Upgrades to be constructed contingent upon the approval of the Balanced Portfolio Report by the Markets and Operations Policy Committee (“MOPC”). On June 12, 2009 the MOPC approved the 2009 Balanced Portfolio Report.

**Project ID:** 702

**Project Name:** Swissvale – Stilwell Tap  
**Estimated In-Service Date for Project:** 06/01/2012  
**Estimated Cost for project:** \$2,000,000

**Network Upgrade ID:** 10934

**Network Upgrade Description:** Tap the Swissvale to Stilwell 345 kV line at West Gardner

**Network Upgrade Owner:** KCPL

**MOPC Representative:** Todd Fridley

**Categorization:** Balanced Portfolio Network Upgrade

**Network Upgrade Specifications:** Tap the Swissvale to Stilwell 345 kV line at the West Gardner substation.

**Network Upgrade Justification:** Balanced Portfolio 3E “adjusted”

**Estimated In-Service Date for Network Upgrade:** 6/1/2012

**Estimated Cost for Network Upgrade (current day dollars):** \$2,000,000

**Source of funding for Network Upgrade:** Region-wide charge as specified by Attachment J, SPP OATT

**Source of Cost Estimate:** KCPL

**Date of Cost Estimate:** April 2009

**Project ID:** 703

**Project Name:** Iatan – Nashua 345 kV line

**Estimated In-Service Date for Project:** 06/01/2015

**Estimated Cost for project:** \$54,444,000

**Network Upgrade ID:** 10935

**Network Upgrade Description:** 345 kV line from Iatan substation to Nashua substation

**Network Upgrade Owner:** KCPL

**MOPC Representative:** Todd Fridley

**Categorization:** Balanced Portfolio Network Upgrade

**Network Upgrade Specifications:** Construct 30 miles of 345kV, 3000 amp or greater capacity transmission line from the KCPL Iatan substation to the KCPL Nashua substation and acquire the necessary right-of-way to accommodate the 345 kV line. Upgrade the Iatan substation to include any necessary terminal equipment.

**Network Upgrade Justification:** Balanced Portfolio 3E “adjusted”

**Estimated In-Service Date for Network Upgrade:** 6/1/2015

**Estimated Cost for Network Upgrade (current day dollars):** \$49,824,000

**Source of funding for Network Upgrade:** Region-wide charge as specified by Attachment J, SPP OATT

**Source of Cost Estimate:** KCPL

**Date of Cost Estimate:** April 2009

**Network Upgrade ID:** 10945

**Network Upgrade Description:** Nashua 345/161 kV Transformer

**Network Upgrade Owner:** KCPL

**MOPC Representative:** Todd Fridley

**Categorization:** Balanced Portfolio Network Upgrade

**Network Upgrade Specifications:** Install a 345/161 kV transformer, 600 MVA at the Nashua substation. Upgrade the Nashua substation to include any other necessary terminal equipment.

**Network Upgrade Justification:** Balanced Portfolio 3E “adjusted”

**Estimated In-Service Date for Network Upgrade:** 6/1/2015

**Estimated Cost for Network Upgrade (current day dollars):** \$4,620,000

**Source of funding for Network Upgrade:** Region-wide charge as specified by Attachment J, SPP OATT

**Source of Cost Estimate:** KCPL

**Date of Cost Estimate:** April 2009

Please provide to SPP a written commitment to construct the Network Upgrades 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 Upgrades. Failure to provide a sufficient written commitment to construct as required by Attachment O could result in the Network Upgrades being assigned to another entity.

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.

On an ongoing basis, please keep SPP advised of any inability on KCPL's part to complete the approved Network Upgrades. For project tracking purposes, SPP requires KCPL to submit updates on the status of the Network Upgrades on a quarterly basis 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 letter shall vary such terms and conditions.

Feel free 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,



Bruce Rew  
Vice President, Engineering  
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cc: Carl Monroe, Les Dillahunty, Pat Bourne, Jay Caspary, Keith Tynes, [SPPProjecttracking@spp.org](mailto:SPPProjecttracking@spp.org),  
Richard Spring, Dennis Odell, Harold Wyble