

SPP  
Notification to Construct

September 18, 2009

SPP-NTC- 20049

Mr. Sam McGarrah  
Empire District Electric Company  
PO Box 127  
Joplin, MO 64802

RE: Notification to Construct for Transmission Service request resulting from Aggregate Transmission Service Study SPP-2007-AG1-AFS-12

Dear Mr. McGarrah,

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 Empire District Electric Company, as the Designated Transmission Owner, to construct the Network Upgrades.

Southwest Power Pool has filed Service Agreement FERC Docket ER09-790 for Transmission Service for customers in SPP-2007-AG1-AFS-12. In the facility study conducted in the assessment of these requests, SPP concluded that system upgrades are required on the Empire District Electric Company system as detailed in Aggregate Facility Study SPP-2007-AG1-AFS-12.

### **New Network Upgrades**

**Project ID:** 496

**Project Name:** SUB 145 - JOPLIN WEST 7TH - SUB 64 - JOPLIN 10TH ST. 69KV  
CKT 1

**RTO Determined Need Date for Project:** 6/1/2010

**Estimated In Service Date:** 6/1/2010

**Estimated Cost for Project:** \$55,000

**Network Upgrade ID:** 10641

**Network Upgrade Description:** Replace 600 amp disconnect switches with a minimum 1,200 amp units and replace leads on Breaker #6965 at Sub #64 and #6932 at Sub #145.

**Categorization:** Regional Reliability Upgrade

**Network Upgrade Specifications:** All elements and conductor must have at least an emergency rating of 104 MVA, but are not limited to that amount.

**Network Upgrade Justifications:** SPP-2007-AG1-AFS-12

**Source of Funding for Network Upgrade:** Full Base Plan Funding  
**Estimated Cost Source:** EMDE  
**Date of Estimated Cost:** 1/1/2009

## **Upgrades with Modifications**

**Previous NTC Number:** 20010  
**Previous NTC Issue Date:** 2/13/2008  
**Project ID:** 382  
**Project Name:** SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE  
69KV CKT 1  
**RTO Determined Need Date for Project:** 6/1/2010  
**Estimated In Service Date:** 6/1/2010  
**Estimated Cost for Project:** \$50,000

**Network Upgrade ID:** 10495  
**Network Upgrade Description:** Change CT setting on Breaker #6973 at Baxter  
#271 to 800/5 ratio.  
**Reason For Change:** The project is needed at an earlier in service date than  
previous NTC identified  
**Categorization:** Regional Reliability Upgrade  
**Network Upgrade Specifications:** All elements and conductor must have at  
least an emergency rating of 61 MVA, but are not limited to that amount.  
**Network Upgrade Justifications:** SPP-2007-AG1-AFS-12  
**Source of Funding for Network Upgrade:** Full Base Plan Funding  
**Estimated Cost Source:** EMDE  
**Date of Estimated Cost:** 1/1/2008

### **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 Open Access Transmission Tariff, in addition to providing a construction schedule for the Network Upgrade(s). Failure to provide a sufficient written commitment to construct as required by Attachment O could result in the Network Upgrade(s) being assigned to another entity.

### **Notification of Commercial Operation**

Please submit a notification of commercial operation for each listed Network Upgrade to SPP at the email address of [SPPprojecttracking@spp.org](mailto:SPPprojecttracking@spp.org) 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.

### **Mitigation Plan**

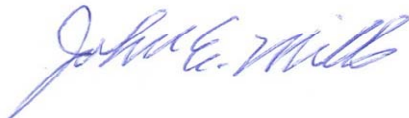
The Need Date or Estimated In-Service Date represents the timing required for the Network Upgrade(s) to address the identified need. Your prompt attention is required to formulation and approval of any necessary mitigation plans for the Network Upgrade(s) included in the Network Upgrades(s) if the Need Date or Estimated In-Service Date is not feasible. Additionally, if it is anticipated that the completion of any Network Upgrade will be delayed past the Need Date or Estimated In-Service Date, SPP requires a mitigation plan be filed within 60 days of determination of expected delays.

**Notification of Progress**

On an ongoing basis, please keep SPP advised of any ability on EMDE's part to complete the approved Network Upgrade(s). For project tracking, SPP requires EMDE 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 Section 20.1 and 32.10 of the SPP Tariff, EMDE shall also advise SPP of any inability to comply with the Project Schedule as the inability becomes apparent. All terms and conditions of the SPP OATT and the membership Agreement shall apply to this Project and nothing in this letter shall carry such terms and conditions.

Don't hesitate to contact me if you have questions or comments about these requests. Thank you for the important role that you play in maintaining the reliability of our electric grid.

Sincerely,

A handwritten signature in blue ink that reads "John E. Mills".

John Mills

Manager, Tariff Studies

Phone (501) 614-3356 • Fax: (501) 666-0376 • [jmills@spp.org](mailto:jmills@spp.org)

cc: Carl Monroe, Les Dillahunty, Bruce Rew, Pat Bourne, Jay Caspary,  
[SPPprojecttracking@spp.org](mailto:SPPprojecttracking@spp.org), Barry Warren, Kristy Tackett, Rick McCord