

## SPP Notification to Construct

February 8, 2010

SPP-NTC-20083

Mr. Noman Williams  
Sunflower Electric Power Corp.  
301 W. 13th Street  
Hays, KS 67601

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Williams,

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 Sunflower Electric Power Corp., 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:** 256

**Project Name:** Line - Johnson - Pioneer 115 kV

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

**Estimated Cost for Project:** \$10,650,000

**Network Upgrade ID:** 10336

**Network Upgrade Description:** Convert Johnson Corner - Pioneer line from 69 kV to 115 kV.

**Network Upgrade Owner:** Sunflower Electric Power Corp.

**MOPC Representative:** Noman Williams

**TWG Representative:** Noman Williams

**Categorization:** Regional reliability

**Network Upgrade Specification:** Upgrade the line to emergency rating 198 MVA.

**Network Upgrade Justification:** To address the overload of the Johnson Corner 115/69 kV transformer for the outage of the Pioneer 115/69 kV transformer. Also addresses low voltage on the Pioneer - Johnson Corner 69 kV system for various contingencies.

**Need Date for Network Upgrade:** 6/1/2010

**Estimated Cost for Network Upgrade (current day dollars):** \$10,650,000

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

**Estimated Cost Source:** SPP

**Project ID:** 30234

**Project Name:** Device - Johnson Corner 115 kV Capacitor

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

**Estimated Cost for Project:** \$1,000,000

**Network Upgrade ID:** 50246

**Network Upgrade Description:** Install 12 Mvar capacitor bank at Johnson Corner 115 kV substation.

**Network Upgrade Owner:** Sunflower Electric Power Corp.

**MOPC Representative:** Noman Williams

**TWG Representative:** Noman Williams

**Categorization:** Regional reliability

**Network Upgrade Specification:** Install capacitor of size 12 Mvar.

**Network Upgrade Justification:** To address low voltage at Johnson Corner 115 kV and Ulysses Plant 115 kV for an outage of Pioneer - Ulysses Plant 115 kV after the completion of the Johnson Corner - Pioneer 115 kV project.

**Need Date for Network Upgrade:** 6/1/2010

**Estimated Cost for Network Upgrade (current day dollars):** \$1,000,000

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

**Estimated Cost Source:** SEPC

**Project ID:** 30235

**Project Name:** Device - Johnson Corner 115 kV 2nd Capacitor

**Need Date for Project:** 6/1/2011

**Estimated Cost for Project:** \$650,000

**Network Upgrade ID:** 50247

**Network Upgrade Description:** Install a second 12 Mvar capacitor bank at Johnson Corner substation 115 kV bus for a total of 24 Mvar at this location.

**Network Upgrade Owner:** Sunflower Electric Power Corp.

**MOPC Representative:** Noman Williams

**TWG Representative:** Noman Williams

**Categorization:** Regional reliability

**Network Upgrade Specification:** Install capacitor of size 12 Mvar.

**Network Upgrade Justification:** To address low voltage at Johnson Corner 115 kV and Ulysses Plant 115 kV for an outage of Pioneer - Ulysses Plant 115 kV.

**Need Date for Network Upgrade:** 6/1/2011

**Estimated Cost for Network Upgrade (current day dollars):** \$650,000

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

**Estimated Cost Source: SEPC**

**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) 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 Sunflower Electric Power Corp.'s part to complete the approved Network Upgrade(s). For project tracking purposes, SPP requires Sunflower Electric Power Corp. 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, Sunflower Electric Power Corp. 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.



HELPING OUR MEMBERS WORK TOGETHER  
TO KEEP THE LIGHTS ON... TODAY AND IN THE FUTURE

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Sincerely,

*Bruce A. Rew*

Bruce Rew  
Vice President, Engineering  
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[SPPprojecttracking@spp.org](mailto:SPPprojecttracking@spp.org), Steve Ferry, Clarence Stuppes, Al Tamimi