SPP
Notification to Construct

September 10, 2013

Mr. Paul Malone
Nebraska Public Power District
P.O. Box 608
York, NE 68467

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Malone,

Pursuant to Section 3.3 of the Southwest Power Pool, Inc. ("SPP") Membership Agreement and Attachment O, Section VI, of the SPP Open Access Transmission Tariff ("OATT"), SPP provides this Notification to Construct ("NTC") directing Nebraska Public Power District ("NPPD"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 29, 2013, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of the 2013 Integrated Transmission Planning Near-Term Assessment. On February 20, 2013, SPP issued NPPD the Notification to Construct with Conditions ("NTC-C") No. 200219.

On August 29, 2013, SPP received NPPD’s NTC-C Project Estimate(s) ("CPE") for the Network Upgrade(s) specified in the NTC-C No. 200219. SPP approved the CPE(s) as meeting the requirements of Condition No. 1 of the NTC-C, and notified NPPD that SPP would issue an NTC for the Network Upgrade(s).

Upgrades with Modifications

Previous NTC Number: 200219
Previous NTC Issue Date: 2/20/2013
Project ID: 30496
Project Name: Multi - Stegall 345/115 kV and Stegall - Scottsbluff 115 kV
Need Date for Project: 6/1/2015
Estimated Cost for Project: $35,000,000

Network Upgrade ID: 50608
Network Upgrade Name: Stegall 345/115 kV Transformer Ckt 1
Network Upgrade Description: Install new 345/115 kV 400 MVA transformer at Stegall substation and necessary terminal equipment at the 115 kV bus. This upgrade is contingent upon approval from Basin Electric to connect to the Stegall 345 kV substation
that they operate.

**Network Upgrade Owner:** NPPD  
**MOPC Representative(s):** Paul Malone  
**TWG Representative:** Randy Lindstrom

**Reason for Change:** The CPE(s) for this project was determined to meet the requirements of Condition No. 1 of NTC-C No. 200219. Therefore, the conditions of the project are removed.

**Categorization:** Regional reliability  
**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 440 MVA.

**Network Upgrade Justification:** Identified in the 2013 ITP Near-Term Assessment as alternative solution for both Upgrade ID 50320, Stegall 345/230 kV Transformer Ckt 2 and Upgrade ID 50400, Stegall - Stegall Tap 230 kV Ckt 2. It also eliminates the potential need to upgrade the Victory Hill 230/115 kV transformer.

**Estimated Cost for Network Upgrade (current day dollars):** $5,800,000

**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** NPPD  
**Date of Estimated Cost:** 8/29/2013

**Network Upgrade ID:** 50609  
**Network Upgrade Name:** Scottsbluff - Stegall 115 kV Ckt 1  
**Network Upgrade Description:** Install new 22-mile 115 kV line from Stegall to Scottsbluff and install any necessary terminal equipment. This upgrade is contingent upon Basin Electric's approval noted in Upgrade ID 50608.

**Network Upgrade Owner:** NPPD  
**MOPC Representative(s):** Paul Malone  
**TWG Representative:** Randy Lindstrom

**Reason for Change:** The CPE(s) for this project was determined to meet the requirements of Condition No. 1 of NTC-C No. 200219. Therefore, the conditions of the project are removed.

**Categorization:** Regional reliability  
**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 440 MVA.

**Network Upgrade Justification:** Identified in the 2013 ITP Near-Term Assessment as alternative solution for both Upgrade ID 50320, Stegall 345/230 kV Transformer Ckt 2 and Upgrade ID 50400, Stegall - Stegall Tap 230 kV Ckt 2. It also eliminates the potential need to upgrade the Victory Hill 230/115 kV transformer.

**Estimated Cost for Network Upgrade (current day dollars):** $23,782,900

**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** NPPD  
**Date of Estimated Cost:** 8/29/2013
Network Upgrade ID: 50616  
Network Upgrade Name: Stegall 345 kV Terminal Upgrades  
Network Upgrade Description: Install any necessary terminal equipment at the 345 kV bus in Stegall substation. This upgrade is contingent upon Basin Electric's approval noted in Upgrade ID 50608.  
Network Upgrade Owner: NPPD  
MOPC Representative(s): Paul Malone  
TWG Representative: Randy Lindstrom  
Reason for Change: The CPE(s) for this project was determined to meet the requirements of Condition No. 1 of NTC-C No. 200219. Therefore, the conditions of the project are removed.  
Categorization: Regional reliability  
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 3000 A.  
Network Upgrade Justification: Identified in the 2013 ITP Near-Term Assessment as alternative solution for both Upgrade ID 50320, Stegall 345/230 kV Transformer Ckt 2 and Upgrade ID 50400, Stegall - Stegall Tap 230 kV Ckt 2. It also eliminates the potential need to upgrade the Victory Hill 230/115 kV transformer.  
Estimated Cost for Network Upgrade (current day dollars): $5,417,100  
Cost Allocation of the Network Upgrade: Base Plan  
Estimated Cost Source: NPPD  
Date of Estimated Cost: 8/29/2013

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, pursuant to Attachment O, Section VI.6 of the SPP OATT. 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.

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 NPPD's part to complete the approved Network Upgrade(s). For project tracking, SPP requires NPPD to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, NPPD 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 O_ATT 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

cc: Carl Monroe - SPP
    Katherine Prewitt - SPP
    Randy Lindstrom - NPPD