

**SPP-NTC-200318**

**SPP  
Notification to Construct**

February 18, 2015

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 Attachments O and Y 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 27, 2015, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of the 2015 Integrated Transmission Planning ("ITP") Near-Term Assessment.

**New Network Upgrades**

**Project ID:** 30883

**Project Name:** Multi - Ainsworth - Stuart - Bassett 115 kV

**Need Date for Project:** 6/1/2016

**Estimated Cost for Project:** \$5,624,775

**Network Upgrade ID:** 51200

**Network Upgrade Name:** Bassett 115 kV Substation

**Network Upgrade Description:** Tap the existing 115 kV line from Ainsworth to Stuart to construct the new Bassett substation.

**Network Upgrade Owner:** NPPD

**MOPC Representative(s):** Paul Malone

**TWG Representative:** Randy Lindstrom

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an

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emergency rating of 239 MVA.

**Network Upgrade Justification:** To address low voltages around the Emmet area, such as Emmet Tap 115 kV, Atkinson 115 kV, and Ainsworth 115 kV for the loss of Ainsworth - Ainsworth Wind 115 kV Ckt 1 and Emmet Tap - Oneill 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$5,118,750

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Network Upgrade ID:** 51277

**Network Upgrade Name:** Bassett 115 kV Cap Bank

**Network Upgrade Description:** Install one (1) 9-MVAR capacitor bank at the new Bassett 115 kV substation.

**Network Upgrade Owner:** NPPD

**MOPC Representative(s):** Paul Malone

**TWG Representative:** Randy Lindstrom

**Categorization:** Regional reliability

**Network Upgrade Specification:** Install 9 MVAR of capacitance at the new Bassett 115 kV substation.

**Network Upgrade Justification:** To address low voltages around the Emmet area, such as Emmet Tap 115 kV, Atkinson 115 kV, and Ainsworth 115 kV for the loss of Ainsworth - Ainsworth Wind 115 kV Ckt 1 and Emmet Tap - Oneill 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$506,025

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**Project ID:** 30921

**Project Name:** Line - Ainsworth - Ainsworth Wind 115 kV Ckt 1 Rebuild

**Need Date for Project:** 6/1/2020

**Estimated Cost for Project:** \$5,572,989

**Network Upgrade ID:** 51276

**Network Upgrade Name:** Ainsworth - Ainsworth Wind 115 kV Ckt 1 Rebuild

**Network Upgrade Description:** Rebuild 7.1-mile 115 kV line from Ainsworth to Ainsworth Wind.

**Network Upgrade Owner:** NPPD

**MOPC Representative(s):** Paul Malone

**TWG Representative:** Randy Lindstrom

**Categorization:** Regional reliability

**Network Upgrade Specification:** All elements and conductor must have at least an

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emergency rating of 140 MVA.

**Network Upgrade Justification:** To address the overload of Ainsworth - Ainsworth Wind 115 kV Ckt 1 for the loss of Ft. Randal - Spencer 115 kV Ckt 1.

**Estimated Cost for Network Upgrade (current day dollars):** \$5,572,989

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

**Estimated Cost Source:** SPP

**Date of Estimated Cost:** 12/1/2014

**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, in addition to providing a construction schedule and an updated  $\pm 20\%$  cost estimate, NTC Project Estimate, in the Standardized Cost Estimate Reporting Template for the Network Upgrade(s). Failure to provide a sufficient written commitment to construct as required by the SPP OATT 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 OATT and the SPP Membership Agreement shall apply to this Project, and nothing in this NTC shall vary such terms and conditions.

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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  
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cc: Carl Monroe - SPP  
Antoine Lucas - SPP  
Randy Lindstrom - NPPD