

SPP-NTC-200258

**SPP
Notification to Construct**

February 19, 2014

Mr. Mohamad Doghman
Omaha Public Power District
444 South 16th Street Mall
Omaha, NE 68102

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Doghman,

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 Omaha Public Power District ("OPPD"), as the Designated Transmission Owner, to construct the Network Upgrade(s).

On January 28, 2014, the SPP Board of Directors approved the Network Upgrade(s) listed below to be constructed as part of the 2014 Integrated Transmission Planning ("ITP") Near-Term Assessment.

New Network Upgrades

Project ID: 30561

Project Name: XFR - S1366 161/69 kV Ckt 1

Need Date for Project: 6/1/2016

Estimated Cost for Project: \$4,849,000

Network Upgrade ID: 50699

Network Upgrade Name: S1366 161/69 kV Ckt 1 Transformer

Network Upgrade Description: Install new 161/69 kV auto transformer including any necessary 69 kV terminal equipment.

Network Upgrade Owner: OPPD

MOPC Representative(s): Doug Collins

TWG Representative: Dan Lenihan

Categorization: Regional reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 200 MVA.

Network Upgrade Justification: To mitigate voltage violations at S1244 and S1366 for

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the outage of S1206 - S1244 161 kV Ckt 1.

Estimated Cost for Network Upgrade (current day dollars): \$4,426,730

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: OPPD

Date of Estimated Cost: 11/22/2013

Network Upgrade ID: 50761

Network Upgrade Name: S1366 161 kV Ckt 1 Terminal Upgrades

Network Upgrade Description: Install 161 kV terminal equipment at S1366 for new 161/69 kV transformer.

Network Upgrade Owner: OPPD

MOPC Representative(s): Doug Collins

TWG Representative: Dan Lenihan

Categorization: Regional reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 200 MVA.

Network Upgrade Justification: To mitigate voltage violations at S1244 and S1366 for the outage of S1206 - S1244 161 kV Ckt 1.

Estimated Cost for Network Upgrade (current day dollars): \$422,270

Cost Allocation of the Network Upgrade: Base Plan

Estimated Cost Source: OPPD

Date of Estimated Cost: 11/22/2013

Project ID: 30590

Project Name: Multi - S906 - S912 69 kV

Need Date for Project: 6/1/2019

Estimated Cost for Project: \$1,430,006

Network Upgrade ID: 50748

Network Upgrade Name: S906 - S924 69 kV Ckt 1 Rebuild

Network Upgrade Description: Rebuild 1.34-mile 69 kV line from S906 to S924 to achieve a new emergency rating of 143 MVA.

Network Upgrade Owner: OPPD

MOPC Representative(s): Doug Collins

TWG Representative: Dan Lenihan

Categorization: Regional reliability

Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 143 MVA.

Network Upgrade Justification: To address overload of S906 South - S924 69 kV Ckt 1 for the outage of S1201 (S1201 T1) 161/69 kV Ckt 1 Transformer.

Estimated Cost for Network Upgrade (current day dollars): \$1,360,327

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Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: OPPD
Date of Estimated Cost: 11/22/2013

Network Upgrade ID: 50749
Network Upgrade Name: S924 - S912 69 kV Ckt 1 Terminal Upgrades
Network Upgrade Description: Install terminal upgrades at S924 to increase emergency rating of S924 - S912 69 kV Ckt 1 to 99 MVA.
Network Upgrade Owner: OPPD
MOPC Representative(s): Doug Collins
TWG Representative: Dan Lenihan
Categorization: Regional reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 99 MVA.
Network Upgrade Justification: To address the overload of S912 - S924 69 kV Ckt 1 for the outage of S1201 (S1201 T1) 161/69 kV Ckt 1 Transformer.
Estimated Cost for Network Upgrade (current day dollars): \$69,679
Cost Allocation of the Network Upgrade: Base Plan
Estimated Cost Source: OPPD
Date of Estimated Cost: 11/22/2013

Project ID: 30609
Project Name: Line - S907 - S919 69 kV Ckt 1
Need Date for Project: 6/1/2019
Estimated Cost for Project: \$3,141,600

Network Upgrade ID: 50783
Network Upgrade Name: S907 - S919 69 kV Ckt 1 Rebuild
Network Upgrade Description: Rebuild 3.3-mile 69 kV line from S907 to S919 to achieve a new emergency rating of 143 MVA.
Network Upgrade Owner: OPPD
MOPC Representative(s): Doug Collins
TWG Representative: Dan Lenihan
Categorization: Regional reliability
Network Upgrade Specification: All elements and conductor must have at least an emergency rating of 143 MVA.
Network Upgrade Justification: To address the overload of S907 - S919 69 kV Ckt 1 for the outage of S1250 - S919 69 kV Ckt 1 or S1250 161/69 kV Ckt 1 Transformer.
Estimated Cost for Network Upgrade (current day dollars): \$3,141,600
Cost Allocation of the Network Upgrade: Base Plan

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Estimated Cost Source: OPPD
Date of Estimated Cost: 11/22/2013

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

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Sincerely,



Lanny Nickell
Vice President, Engineering
Phone: (501) 614-3232 • Fax: (501) 482-2022 • lnickell@spp.org

cc: Carl Monroe - SPP
Katherine Prewitt - SPP
Larry Ciecior - OPPD
Dan Lenihan - OPPD