

**SPP-NTC-C-210674**

**SPP**  
**Notification to Construct with Conditions**

July 8, 2022

Mr. Tom Christensen  
Basin Electric Power Cooperative  
1717 E. Interstate Ave.  
Bismarck, ND 58503

RE: Notification to Construct for Transmission Service Requests resulting from Aggregate Transmission Service Study SPP-2021-AG2

Dear Mr. Christensen,

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 Basin Electric Power Cooperative ("BEPC"), as the Designated Transmission Owner, to construct the Network Upgrades. This NTC is conditioned upon BEPC not ordering materials or beginning construction until:

- (1) the DTO submits a refined NTC-C Project Estimate ("CPE") to SPP that has a variance bandwidth of -20% to +20% that does not exceed the Study Estimate variance bandwidth of -30% to +30% as provided for in SPP's Business Practices; or
- (2) the SPP Board of Directors considers SPP's re-evaluation of a project that has a refined CPE from the DTO that exceeds the Study Estimate variance bandwidth of -30% to +30% as provided for in SPP's Business Practices.

On May 11, 2022, SPP concluded that the project(s) is required on the BEPC system to fulfill Transmission Service Requests as detailed in Aggregate Facility Study SPP-2021-AG2.

**New Network Upgrades**

**Project ID:** 92371

**Project Name:** Line - North Dakota/Saskatchewan Border (Boundary Dam) - Tande 230 kV

**Need Date for Project:** 7/1/2022

**Estimated In-Service Date:** 10/1/2027

**Estimated Cost for Project:** \$64,859,563

**Network Upgrade ID:** 156240

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**Network Upgrade Name:** North Dakota/Saskatchewan Border (Boundary Dam) - Tande 230 kV Ckt 1

**Network Upgrade Description:** Build new 55 mile 230 kV line from Tande substation to the United States/Canada border toward Sask Power's Boundary Dam substation.

**Network Upgrade Owner:** BEPC

**MOPC Representative(s):** Jason Doerr

**TWG Representative(s):** Phil Westby

**Categorization:** Transmission Service

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 325 MVA.

**Network Upgrade Justification:** SPP-2021-AG2

**Estimated Cost for Network Upgrade (current day dollars):** \$62,383,000

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

**Estimated Cost Source:** BEPC

**Date of Estimated Cost:** 4/8/2022

**Network Upgrade ID:** 156241

**Network Upgrade Name:** Tande 230 kV Terminal Equipment

**Network Upgrade Description:** Install any necessary terminal equipment at the Tande substation to accommodate a terminal for the North Dakota/Saskatchewan Border (Boundary Dam) - Tande 230 kV Ckt 1.

**Network Upgrade Owner:** BEPC

**MOPC Representative(s):** Jason Doerr

**TWG Representative(s):** Phil Westby

**Categorization:** Transmission Service

**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 325 MVA

**Network Upgrade Justification:** SPP-2021-AG2

**Estimated Cost for Network Upgrade (current day dollars):** \$2,476,563

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

**Estimated Cost Source:** BEPC

**Date of Estimated Cost:** 4/8/2022

**Project ID:** 92372

**Project Name:** Line - North Dakota/Saskatchewan Border (Boundary Dam) - Wheelock 230 kV

**Need Date for Project:** 7/1/2022

**Estimated In-Service Date:** 10/1/2027

**Estimated Cost for Project:** \$73,474,563

**SPP-NTC-C-210674****Network Upgrade ID:** 156248**Network Upgrade Name:** North Dakota/Saskatchewan Border (Boundary Dam) - Wheelock 230 kV Ckt 1**Network Upgrade Description:** Build new 63 mile 230 kV line from Wheelock substation to the United States/Canada border toward Sask Power's Boundary Dam substation.**Network Upgrade Owner:** BEPC**MOPC Representative(s):** Jason Doerr**TWG Representative(s):** Phil Westby**Categorization:** Transmission Service**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 325 MVA.**Network Upgrade Justification:** SPP-2021-AG2**Estimated Cost for Network Upgrade (current day dollars):** \$70,998,000**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** BEPC**Date of Estimated Cost:** 4/8/2022**Network Upgrade ID:** 156249**Network Upgrade Name:** Wheelock 230 kV Terminal Upgrade**Network Upgrade Description:** Install any necessary terminal equipment at Wheelock substation to accommodate a new terminal for the North Dakota/Saskatchewan Border (Boundary Dam) - Wheelock 230 kV Ckt 1.**Network Upgrade Owner:** BEPC**MOPC Representative(s):** Jason Doerr**TWG Representative(s):** Phil Westby**Categorization:** Transmission Service**Network Upgrade Specification:** All elements and conductor must have at least an emergency rating of 325 MVA.**Network Upgrade Justification:** SPP-2021-AG2**Estimated Cost for Network Upgrade (current day dollars):** \$2,476,563**Cost Allocation of the Network Upgrade:** Base Plan**Estimated Cost Source:** BEPC**Date of Estimated Cost:** 4/8/2022**Commitment to Construct**

Please provide to SPP a written commitment to construct the Network Upgrade(s) by October 6, 2022. 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.

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**CPE**

Please provide SPP a CPE by January 4, 2023 as described in SPP's Business Practice No. 7060 regarding Notification to Construct with Conditions. BEPC shall advise SPP of any inability to provide the CPE by January 4, 2023, as soon as the inability becomes apparent.

**Removal of Conditions**

Upon notice by SPP of removal of the conditions contained in this NTC, SPP will issue the DTO a new NTC and the following will be applicable:

**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.

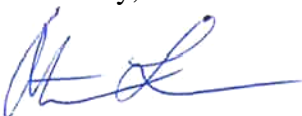
**Notification of Progress**

On an ongoing basis, please keep SPP advised of any inability on BEPC's part to complete the approved Network Upgrade(s). For project tracking, SPP requires BEPC's to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, BEPC 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(s), and nothing in this letter shall vary 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,



Antoine Lucas

**SPP-NTC-C-210674**

Vice President, Engineering

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