

**SPP-NTC-220777**

**SPP**  
**Notification to Construct**

May 6, 2024

Mr. Jarred Cooley  
Southwestern Public Service Company  
790 S Buchanan Street  
Amarillo, TX 79101

RE: Notification to Construct Approved Reliability Network Upgrades

Dear Mr. Cooley,

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 Southwestern Public Service Company ("SPS"), as the Designated Transmission Owner, to construct the Network Upgrades.

SPP concluded that the Network Upgrade below is required on the SPS system to fulfill delivery point request as detailed in Delivery Point Network Study for delivery point request DPA-2022-March-1564. On November 10, 2023, SPP received all executed Transmission Service Agreements associated with Delivery Point Study DPA-2022-March-1564.

SPP Issued NTC-C 220760 on January 31, 2024. On March 15, 2024, SPP received SPS's letter of commitment for Network Upgrades specified in the NTC-C. SPP has reviewed the NTC-C Project Estimates ("CPE") and determined that requirements of Condition No. 1 of the NTC-C have been met for Project ID 92986.

**New Network Upgrades**

**Previous NTC Number:** 220760

**Previous NTC Issue Date:** 1/31/2024

**Project ID:** 92986

**Project Name:** XFR-Phantom 345/115 kV Transformer & Capacitor Banks

**Need Date for Project:** 6/1/2026

**Estimated Cost for Project:** \$43,132,097

**Network Upgrade ID:** 157296

**Network Upgrade Name:** XFR - Phantom 345/115 kV Transformer (345 kV)

**Network Upgrade Description:** Add new Phantom 345/115 kV transformer

**Network Upgrade Owner:** SPS

**MOPC Representative(s):** Jarred Cooley

**TWG Representative(s):** Jarred Cooley  
**Categorization:** Regional Reliability  
**Network Upgrade Specification:** Add new Phantom 345/115 transformer with a minimum summer emergency rating of least 445 MVA.  
**Network Upgrade Justification:** DPA-2022-March-1564  
**Estimated Cost for Network Upgrade (current day dollars):** \$2,777,801  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** SPS  
**Date of Estimated Cost:** 5/3/2024

**Network Upgrade ID:** 157303  
**Network Upgrade Name:** Phantom 115 kV Cap Bank  
**Network Upgrade Description:** Add new 72 MVAR cap bank at Phantom 115 kV substation.  
**Network Upgrade Owner:** SPS  
**MOPC Representative(s):** Jarred Cooley  
**TWG Representative(s):** Jarred Cooley  
**Categorization:** Regional Reliability  
**Network Upgrade Specification:** Expand the 115kV substation as necessary for a new 72 MVAR cap bank at Phantom 115 kV substation.  
**Network Upgrade Justification:** DPA-2022-March-1564  
**Estimated Cost for Network Upgrade (current day dollars):** \$4,706,120  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** SPS  
**Date of Estimated Cost:** 5/3/2024

**Network Upgrade ID:** 157307  
**Network Upgrade Name:** Phantom 345 kV Cap Bank  
**Network Upgrade Description:** Add new 200 MVAR cap bank at Phantom 345 kV substation.  
**Network Upgrade Owner:** SPS  
**MOPC Representative(s):** Jarred Cooley  
**TWG Representative(s):** Jarred Cooley  
**Categorization:** Regional Reliability  
**Network Upgrade Specification:** Expand 345kV substation as necessary for a new 200 MVAR cap bank at Phantom 345 kV substation.  
**Network Upgrade Justification:** DPA-2022-March-1564  
**Estimated Cost for Network Upgrade (current day dollars):** \$23,569,618  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** SPS  
**Date of Estimated Cost:** 5/3/2024

**Network Upgrade ID:** 159052  
**Network Upgrade Name:** XFR - Phantom 345/115 kV Transformer (115 kV)  
**Network Upgrade Description:** Add new Phantom 345/115 kV transformer  
**Network Upgrade Owner:** SPS  
**MOPC Representative(s):** Jarred Cooley  
**TWG Representative(s):** Jarred Cooley  
**Categorization:** Regional Reliability  
**Network Upgrade Specification:** Add new Phantom 345/115 kV transformer with a minimum summer emergency rating of at least 445 MVA.  
**Network Upgrade Justification:** DPA-2022-March-1564  
**Estimated Cost for Network Upgrade (current day dollars):** \$12,078,558  
**Cost Allocation of the Network Upgrade:** Base Plan  
**Estimated Cost Source:** SPS  
**Date of Estimated Cost:** 5/3/2024

### **Commitment to Construct**

Please provide to SPP a written commitment to construct the Network Upgrade(s) by August 4, 2024. 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.

### **Project Schedule and In Service Date**

In addition to a written commitment to construct, please provide a detailed project schedule, updated  $\pm 20\%$  NTC Project Estimate, and an Estimated In-Service Date in the Standardized Cost Estimate Reporting Template for the Network Upgrade(s).

### **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 SPS's part to complete the approved Network Upgrade(s). For project tracking, SPP requires SPS's to submit status updates of the Network Upgrade(s) quarterly in conjunction with the SPP Board of Directors meetings. However, SPS shall also advise SPP of any inability to comply with the Project In-Service Date

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as soon as the inability becomes apparent, and no later than 45 days before the First Reported In-Service Date agreed to upon acceptance of the NTC.

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,



Casey Cathey  
Vice President, Engineering  
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cc: Lanny Nickell - SPP  
Natasha Henderson - SPP  
Tony Green - SPP  
Reene Miranda - SPS  
SPPprojecttracking