

SPP
Notification to Construct

September 18, 2009

SPP-NTC- 20059

Mr. Tom Stuchlik
Westar Energy, Inc.
PO Box 889
Topeka, KS 66601

RE: Notification to Construct for Transmission Service request resulting from Aggregate Transmission Service Study SPP-2007-AG1-AFS-12

Dear Mr. Stuchlik,

Pursuant to Section 3.3 of the Southwest Power Pool, Inc. (“SPP”) Membership Agreement and Attachment O, Section VIII, of the SPP Open Access Transmission Tariff (“OATT”), SPP provides this Notification to Construct (“NTC”) directing Westar Energy, Inc., as the Designated Transmission Owner, to construct the Network Upgrades.

Southwest Power Pool has filed Service Agreement FERC Docket ER09-1140, ER09-1231, ER09-1238, ER09-1397, ER09-1504, ER09-1506, ER09-790 for Transmission Service for customers in SPP-2007-AG1-AFS-12. In the facility study conducted in the assessment of these requests, SPP concluded that system upgrades are required on the Westar Energy, Inc. system as detailed in Aggregate Facility Study SPP-2007-AG1-AFS-12.

New Network Upgrades

Project ID: 182

Project Name: CHASE - WHITE JUNCTION 69KV CKT 1

RTO Determined Need Date for Project: 6/1/2010

Estimated In Service Date: 6/1/2010

Estimated Cost for Project: \$5,184,701

Network Upgrade ID: 10231

Network Upgrade Description: Rebuild approximately 7.5 miles Chase - White Junction 69 kV line. Replace existing 2/0 copper conductor to achieve a minimum 600 amp emergency rating.

Categorization: Regional Reliability Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2009

Project ID: 561

Project Name: EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1

RTO Determined Need Date for Project: 6/1/2010

Estimated In Service Date: 6/1/2010

Estimated Cost for Project: \$1,575,000

Network Upgrade ID: 10711

Network Upgrade Description: Replace Disconnect Switches, Wavetrap, Breaker, Jumpers a minimum 2000 amp emergency rating

Categorization: Service Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 414 MVA but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Base Plan Funding and Point-to-Point Base Rate

Estimated Cost Source: WERE

Date of Estimated Cost: 1/1/2008

Project ID: 563

Project Name: LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1

RTO Determined Need Date for Project: 6/1/2014

Estimated In Service Date: 6/1/2014

Estimated Cost for Project: \$75,000

Network Upgrade ID: 10713

Network Upgrade Description: Replace 69 kV disconnect switches at Aquarius with a minimum 600 amp emergency rating

Categorization: Service Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 80 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30224

Project Name: ALLEN - LEHIGH TAP 69KV CKT 1

RTO Determined Need Date for Project: 6/1/2012

Estimated In Service Date: 6/1/2012

Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50228

Network Upgrade Description: Rebuild approximately 6 miles of line with 954-KCM ACSR to achieve a minimum 600 amp emergency rating

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$2,560,500

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30224

Project Name: ATHENS - OWL CREEK 69KV CKT 1

RTO Determined Need Date for Project: 4/1/2011

Estimated In Service Date: 4/1/2011

Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50232

Network Upgrade Description: Rebuild approximately 3 miles of line with 954 kcmil ACSR to achieve a minimum 600 amp emergency rating.

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$1,418,500

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30224

Project Name: BURLINGTON JUNCTION - COFFEY COUNTY NO. 3
WESTPHALIA 69KV CKT 1

RTO Determined Need Date for Project: 7/1/2013

Estimated In Service Date: 7/1/2013

Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50233

Network Upgrade Description: Rebuild approximately 7 miles of line with 954 kcmil ACSR to achieve a minimum 1200 amp emergency rating.

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 128 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$3,340,000

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Project ID: 30224
Project Name: BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1
RTO Determined Need Date for Project: 1/1/2013
Estimated In Service Date: 1/1/2013
Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50234
Network Upgrade Description: Rebuild approximately 4 miles of line with 954 kcmil ACSR to achieve a minimum 1200 amp emergency rating.
Categorization: Service Upgrade
Network Upgrade Specifications: All elements must have at least an emergency rating of 128 MVA, but is not limited to that amount.
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Estimated Cost for Network Upgrade: \$1,945,000
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Project ID: 30224
Project Name: COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1
RTO Determined Need Date for Project: 4/1/2014
Estimated In Service Date: 4/1/2014
Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50236
Network Upgrade Description: Rebuild approximately 9 miles of line with 954 kcmil ACSR to achieve a minimum 1200 amp emergency rating.
Categorization: Service Upgrade
Network Upgrade Specifications: All elements must have at least an emergency rating of 128 MVA, but is not limited to that amount.
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Estimated Cost for Network Upgrade: \$4,249,000
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Project ID: 30224
Project Name: GREEN - VERNON 69KV CKT 1
RTO Determined Need Date for Project: 7/1/2010
Estimated In Service Date: 7/1/2010
Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50238

Network Upgrade Description: Rebuild approximately 7 miles of line with 954 kcmil ACSR to achieve a minimum 1200 amp emergency rating.

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 128 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$3,335,500

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30224

Project Name: LEHIGH TAP - OWL CREEK 69KV CKT 1

RTO Determined Need Date for Project: 12/1/2011

Estimated In Service Date: 12/1/2011

Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50239

Network Upgrade Description: Rebuild approximately 8.5 miles of line with 954-KCM ACSR to achieve a minimum 600 amp emergency rating.

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$3,811,500

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30224

Project Name: LEHIGH TAP - UNITED NO. 9 CONGER 69KV CKT 1

RTO Determined Need Date for Project: 11/1/2013

Estimated In Service Date: 11/1/2013

Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50240

Network Upgrade Description: Rebuild approximately 1 mile of line with 954-KCM ACSR to achieve a minimum 600 amp emergency rating.

Categorization: Service Upgrade

Network Upgrade Specifications: All elements must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Estimated Cost for Network Upgrade: \$593,775

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE
Date of Estimated Cost: 2/17/2009

Project ID: 30224
Project Name: VERNON - ATHENS 69KV CKT 1
RTO Determined Need Date for Project: 1/1/2011
Estimated In Service Date: 1/1/2011
Estimated Cost for Project: \$23,680,275

Network Upgrade ID: 50245
Network Upgrade Description: Rebuild approximately 5 miles of line with 954-KCM ACSR to achieve a minimum 1200 amp emergency rating.
Categorization: Service Upgrade
Network Upgrade Specifications: All elements must have at least an emergency rating of 128 MVA, but is not limited to that amount.
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Estimated Cost for Network Upgrade: \$2,426,500
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 2/17/2009

Project ID: 30225
Project Name: ALLEN 69KV CAPACITOR
RTO Determined Need Date for Project: 6/1/2012
Estimated In Service Date: 6/1/2012
Estimated Cost for Project: \$607,500

Network Upgrade ID: 50229
Network Upgrade Description: Add 15 MVAR Cap bank at Allen
Categorization: Service Upgrade
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Project ID: 30226
Project Name: ALTOONA EAST 69KV CAPACITOR
RTO Determined Need Date for Project: 6/1/2014
Estimated In Service Date: 6/1/2014
Estimated Cost for Project: \$607,500

Network Upgrade ID: 50230
Network Upgrade Description: Add 6 MVAR Cap bank at Altoona East
Categorization: Service Upgrade
Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 2/17/2009

Project ID: 30227
Project Name: ATHENS 69KV CAPACITOR
RTO Determined Need Date for Project: 6/1/2013
Estimated In Service Date: 6/1/2013
Estimated Cost for Project: \$607,500

Network Upgrade ID: 50231
Network Upgrade Description: Add 15 MVAR Cap bank at Athens
Categorization: Service Upgrade
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Project ID: 30228
Project Name: CHANUTE TAP - TIOGA 69KV CKT 1
RTO Determined Need Date for Project: 6/1/2010
Estimated In Service Date: 6/1/2010
Estimated Cost for Project: \$115,000

Network Upgrade ID: 50235
Network Upgrade Description: Replace Jumpers to achieve a minimum 600 amp emergency rating.
Categorization: Service Upgrade
Network Upgrade Specifications: All elements must have at least an emergency rating of 72 MVA, but is not limited to that amount.
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 2/17/2009

Project ID: 30229
Project Name: COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2
RTO Determined Need Date for Project: 6/1/2010
Estimated In Service Date: 6/1/2010
Estimated Cost for Project: \$600,000

Network Upgrade ID: 50237
Network Upgrade Description: Replace Disconnect Switches, Wavetrap, Breaker, Jumpers with a minimum 2000 amp emergency rating equipment
Categorization: Service Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 382 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Base Plan Funding and Point-to-Point Base Rate

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Project ID: 30230

Project Name: NEOSHO - NORTHEAST PARSONS 138KV CKT 1

RTO Determined Need Date for Project: 6/1/2011

Estimated In Service Date: 6/1/2011

Estimated Cost for Project: \$250,000

Network Upgrade ID: 50241

Network Upgrade Description: Replace bus and Jumpers at NE Parsons 138 kV substation

Categorization: Service Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 203 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Base Plan Funding and Point-to-Point Base Rate

Estimated Cost Source: WERE

Date of Estimated Cost: 3/21/2006

Project ID: 30231

Project Name: SUMNER COUNTY - TIMBER JUNCTION 138KV CKT 1

RTO Determined Need Date for Project: 6/1/2011

Estimated In Service Date: 6/1/2011

Estimated Cost for Project: \$9,360,000

Network Upgrade ID: 50242

Network Upgrade Description: Tap Belle Plaine-Oxford 138 kV line, build a 3-breaker ring bus switching station, build approximately 12 miles 138 kV line from Sumner County 138 kV to Timber Junction 138 kV, and Install Timber Junction. 138-69 kV 100 MVA transformer with LTC.

Categorization: Zonal Reliability Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 287 MVA, but is not limited to that amount. The transformer must have an emergency rating of at least 100 MVA.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Zonal Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 1/1/2009

Project ID: 30232
Project Name: TIMBER JCT 138 kV CAPACITOR
RTO Determined Need Date for Project: 6/1/2011
Estimated In Service Date: 6/1/2011
Estimated Cost for Project: \$1,215,000

Network Upgrade ID: 50243
Network Upgrade Description: Add 138 kV 30 MVAR Cap bank at Timber Junction 138kV
Categorization: Service Upgrade
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Source of Funding for Network Upgrade: Base Plan Funding and Point-to-Point Base Rate
Estimated Cost Source: WERE
Date of Estimated Cost: 3/12/2009

Project ID: 30233
Project Name: TIOGA 69KV CAPACITOR
RTO Determined Need Date for Project: 6/1/2011
Estimated In Service Date: 6/1/2011
Estimated Cost for Project: \$607,500

Network Upgrade ID: 50244
Network Upgrade Description: Add 69 kV 15 MVAR Cap bank at Tioga
Categorization: Service Upgrade
Network Upgrade Justifications: SPP-2007-AG1-AFS-12
Source of Funding for Network Upgrade: Full Base Plan Funding
Estimated Cost Source: WERE
Date of Estimated Cost: 1/1/2008

Upgrades with Modifications

Previous NTC Number: 19964
Previous NTC Issue Date: 6/27/2007
Project ID: 529
Project Name: ROSE HILL - SOONER 345KV CKT 1 WERE
RTO Determined Need Date for Project: 1/1/2013
Estimated In Service Date: 1/1/2013
Estimated Cost for Project: \$84,669,696

Network Upgrade ID: 10674

Network Upgrade Description: New 345 kV line from Oklahoma/Kansas Stateline or the interface with the OG&E line segment to Rose Hill to achieve 3000 amp or greater emergency rating.

Reason For Change: The project is needed at an earlier in service date than previous NTC identified

Categorization: Regional Reliability Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 1743 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Full Base Plan Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 1/1/2009

Previous NTC Number: 20033

Previous NTC Issue Date: 1/27/2009

Project ID: 622

Project Name: RICHLAND - ROSE HILL JUNCTION 69KV CKT 1

RTO Determined Need Date for Project: 6/1/2011

Estimated In Service Date: 6/1/2011

Estimated Cost for Project: \$2,443,500

Network Upgrade ID: 10810

Network Upgrade Description: Rebuild approximately 5.5 mile Rose Hill Junction-Richland

Reason For Change: The project was requested to be re-evaluated for Reliability. The project is needed due to Zonal Reliability requirements.

Categorization: Zonal Reliability Upgrade

Network Upgrade Specifications: All elements and conductor must have at least an emergency rating of 72 MVA, but is not limited to that amount.

Network Upgrade Justifications: SPP-2007-AG1-AFS-12

Source of Funding for Network Upgrade: Zonal Funding

Estimated Cost Source: WERE

Date of Estimated Cost: 2/17/2009

Commitment to Construct

Please provide to SPP a written commitment to construct the Network Upgrade(s) within 90 days of the date of this Notification to Construct, pursuant to Attachment O, Section VIII.6 of the SPP Open Access Transmission Tariff, in addition to providing a construction schedule 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.

Notification of Commercial Operation

Please submit a notification of commercial operation for each listed Network Upgrade to SPP at the email address of SPPprojecttracking@spp.org 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.

Mitigation Plan

The Need Date or Estimated In-Service Date represents the timing required for the Network Upgrade(s) to address the identified need. Your prompt attention is required to formulation and approval of any necessary mitigation plans for the Network Upgrade(s) included in the Network Upgrades(s) if the Need Date or Estimated In-Service Date is not feasible. Additionally, if it is anticipated that the completion of any Network Upgrade will be delayed past the Need Date or Estimated In-Service Date, SPP requires a mitigation plan be filed within 60 days of determination of expected delays.

Notification of Progress

On an ongoing basis, please keep SPP advised of any ability on WERE's part to complete the approved Network Upgrade(s). For project tracking, SPP requires WERE to submit updates on the status of the Network Upgrade(s) on a quarterly basis in conjunction with the SPP Board of Directors meetings. However consistent with Section 20.1 and 32.10 of the SPP Tariff, WERE shall also advise SPP of any inability to comply with the Project Schedule as the inability becomes apparent. All terms and conditions of the SPP OATT and the membership Agreement shall apply to this Project and nothing in this letter shall cary 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 plan in maintaining the reliability of our electric grid.

Sincerely,

A handwritten signature in blue ink that reads "John E. Mills".

John Mills

Manager, Tariff Studies

Phone (501) 614-3356 • Fax: (501) 666-0376 • jmills@spp.org

cc: Carl Monroe, Les Dillahunty, Bruce Rew, Pat Bourne, Jay Caspary,
SPPprojecttracking@spp.org, John Olsen, Donald Taylor, Kristy Tackett, Rick McCord,
Scott Davidson, Wende Oliaro, Colin Whitley, Tom Littleton, Grant Wilkerson