

**Southwest Power Pool
TRANSMISSION WORKING GROUP MEETING**

**July 24, 2013
Net Conference**

• M I N U T E S •

Agenda Item 1 – Administrative Items

With both TWG Chair and Vice-Chair unavailable, John Fulton volunteered to chair the TWG meeting. John called the meeting to order at 9:04 a.m. The following members were in attendance or represented by proxy (Attachment 1 – Proxies):

Mo Awad, Westar Energy, Inc.
Scott Benson, Lincoln Electric System
John Boshears, City Utilities of Springfield
John Fulton, Southwestern Public Service Co.
Joe Fultz, Grand River Dam Authority
Steve Hardebeck for Travis Hyde, Oklahoma Gas & Electric Company
Aaron Smith for Dan Lenihan, Omaha Public Power District
Randy Lindstrom, Nebraska Public Power District
Matt McGee, American Electric Power
Nathan McNeil, Midwest Energy, Inc.
Nate Morris, Empire District Electric Company
Michael Mueller, Arkansas Electric Cooperative Corp.
Alan Myers, ITC Great Plains
Jason Shook, GDS representing East Texas Electric Coop.
Mitch Williams for Tim Smith, Western Farmers Electric Cooperative
Harold Wyble, Kansas City Power & Light Company

The following stakeholders and staff were also in attendance:

Jonathan Abebe, Clean Line Energy
Jason Atwood, Ventyx
Jerry Bradshaw, Utilities of Springfield
Bob Burner, Duke Energy
Michelle Corley, Cleco
Kevin Demeny, American Transmission Company
Christin Domian, Mitsubishi Electric
Olu Fagbemiro, Burns and McDonnell
Terri Gallup, American Electric Power
Steve Gaw, Wind Coalition
Kirk Hall, SPP Staff
Jody Holland, SPP Staff
Brett Hooton, SPP Staff
Rachel Hulett, SPP Staff
Phil Hutton
Don Le, Lone Star Transmission
Bob Lux, SPP Staff
Gimod Olapurayil, ITC Great Plains
Charles Panicker, Oklahoma Corporation Commission
Ronda Redden, Oklahoma Gas & Electric Company

Jeff Rooker, SPP RE
Roberto Rösner, Enel
David Sargent, Southwestern Power Administration
Jon Shipman, Omaha Public Power District
Patrick Sullivan
Kyle Watson, Entergy
Pat Wilkins, Tres Amigas

Rachel Hulett, SPP staff, noted that there was a quorum.

Agenda Item 2 – Interregional Process: Regional Review

Brett Hooton, SPP staff, presented a summary of the interregional processes created for Order 1000, focusing on the current effort to develop the regional review process (Attachment 2 – Interregional Process Presentation).

Agenda Item 3 – PCWG, Reduced SCERT Report

Terri Gallup, PCWG Chair, shared the PCWG discussion and conclusions on the possibility of reduced SCERTs for projects below 100 kV and/or below a determined cost threshold (Attachment 3 – PCWG Report). PCWG reported its outcome to TWG since TWG initiated the idea of reduced SCERTs. Based on discussion at several meetings, PCWG agreed to make no changes to the existing requirements for SCERTs to be populated for all cost estimates, regardless of voltage or amount reduced.

Agenda Item 4 – SPS – 345 kV lines Acquisition by Sharyland

John Fulton, Southwestern Public Service Company, walked the groups through SPS's sale to Sharyland of portions of their 345 kV lines from Hobbs to Midland and from Cirrus to Borden. He also shared details and results of the SPS dynamic and steady-state studies performed to determine if there are reliability impacts to the system due to this sale. SPS determined there were no reliability concerns with this Sharyland transaction. SPS brought this matter to TWG to identify if the studies were sufficient for reliability purposes. Staff noted they are performing studies to determine if there are potential reliability issues in the area as well.

While this was a new issue for TWG, they did not take issue with that was presented by SPS on the Sharyland transaction.

Mo Awad motioned to endorse the SPS studies as having no significant reliability impacts on the system due to the Sharyland transaction. John Fulton seconded the motion, which passed with three abstentions—Matt McGee, Alan Myers, and Mitch Williams.

Agenda Item 5 – RE, 2012 TPL Annual Review

Jeff Rooker, SPP RE, shared the SPP RE's feedback and conclusions from its review of the 2012 TPL 001-004 Transmission Planner's assessments.

Agenda Item 6 – Capacity Margin Adjustment LOLE Flowgate Input

Rachel Hulett shared that staff was looking for feedback on flowgates to monitor in its 2013 LOLE study (Attachment 4 – LOLE Flowgate Input). In the past, there have only been a few flowgates monitored in

the studies. Staff will send an email looking for TWG input. TWG discussed using the 2014 ITPNT constraints as a basis for constraints in this LOLE study of years 2014 and 2016.

Agenda Item 7 – Other

Staff and TWG discussed a few items that would be on the August 14-15 TWG meeting agenda.

Seeing there was no further business the meeting was adjourned at 10:30 a.m.

Respectfully Submitted,

Rachel Hulett
Secretary

OG&E, Steve Hardebeck for Travis Hyde

From: Hyde, Travis D [mailto:HydeTD@oge.com]
Sent: Friday, July 19, 2013 9:40 AM
To: Rachel Hulett
Cc: Hardebeck, Steve
Subject: TWG Call July 24 (9-11) Proxy

Rachel,

I won't be able to attend the conference call. Steve Hardebeck will have my proxy.

Thanks,

Travis D. Hyde, PE
Director
OG&E T&D Planning & Control
405-553-5969 (office)
405-219-2634 (cell)
hydetd@oge.com

Western Farmers Electric, Mitch Williams for Tim Smith

From: Smith, Tim [mailto:t_smith@wfec.com]
Sent: Wednesday, July 24, 2013 8:29 AM
To: Williams, Mitch; Rachel Hulett
Subject: FW: Transmission Working Group Net Conference
Importance: High

Rachel,

Mitch Williams has my proxy for today TWG meeting.

Thanks Tim

Tim C. Smith, P.E.

WESTERN FARMERS
Supervisor, Transmission Engineering
PO BOX 429
Anadarko, OK 73005
(405) 247-4568
(405) 615-9517 cell

OPPD, Aaron Smith for Dan Lenihan

From: LENIHAN, DANIEL J [mailto:djlenihan@oppd.com]
Sent: Tuesday, July 23, 2013 11:36 AM
To: Rachel Hulett; Kirk Hall
Cc: Williams, Noman; Smith, Aaron
Subject: OPPD Proxy for TWG 7/24 meeting

Rachel, Kirk,

Aaron Smith will be my proxy for the 7/24 TWG conference call meeting.

Thanks,

Dan Lenihan, P.E.

Manager, Transmission & Distribution Planning
Omaha Public Power District
Energy Control Center, ECC-5
4325 Jones Plaza, Omaha, Nebraska 68105-1066
Voice: (402) 552-5126
Fax: (402) 552-5679
Email: djlenihan@oppd.com

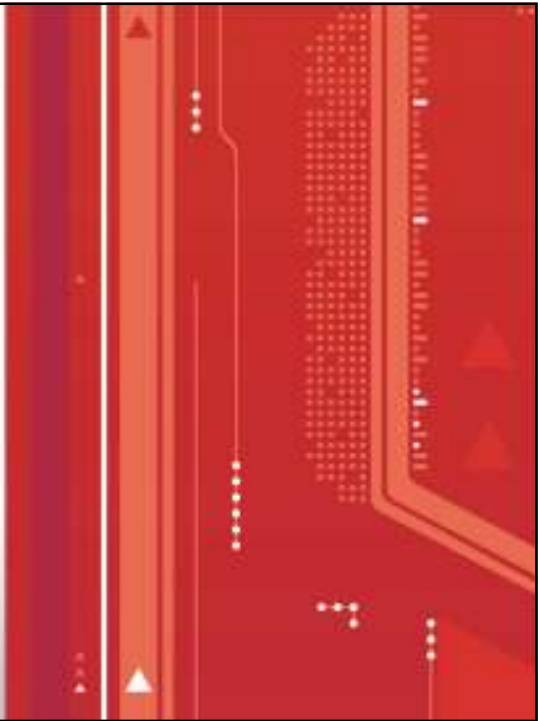
Interregional Process: Regional Review

July 24, 2013

Brett Hooton
bhooton@spp.org

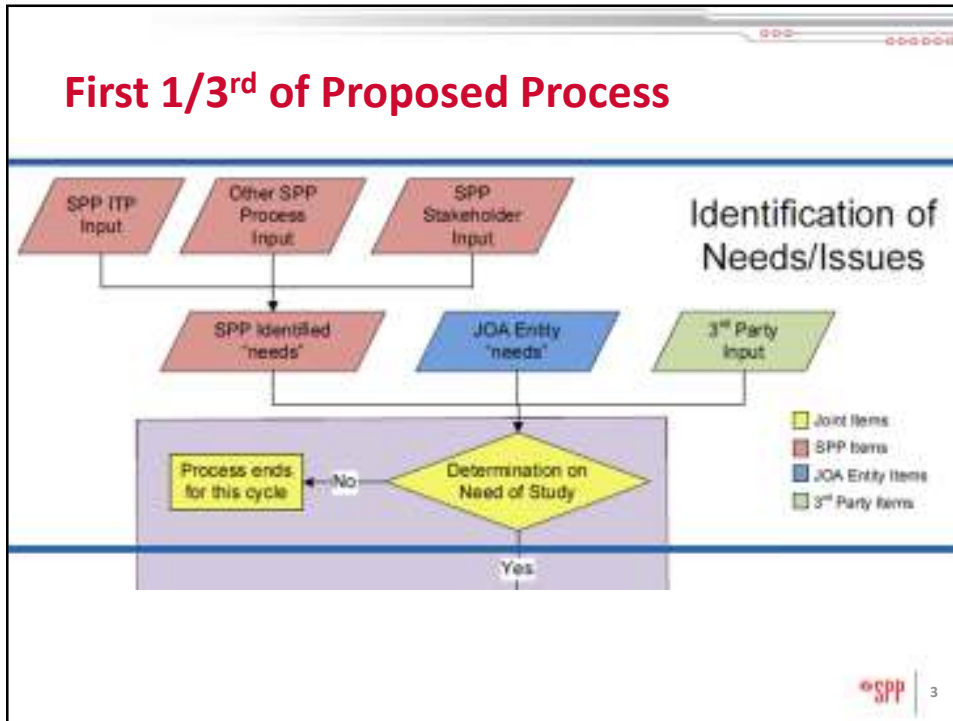


Helping our members
work together to
keep the lights on...
today and in the future

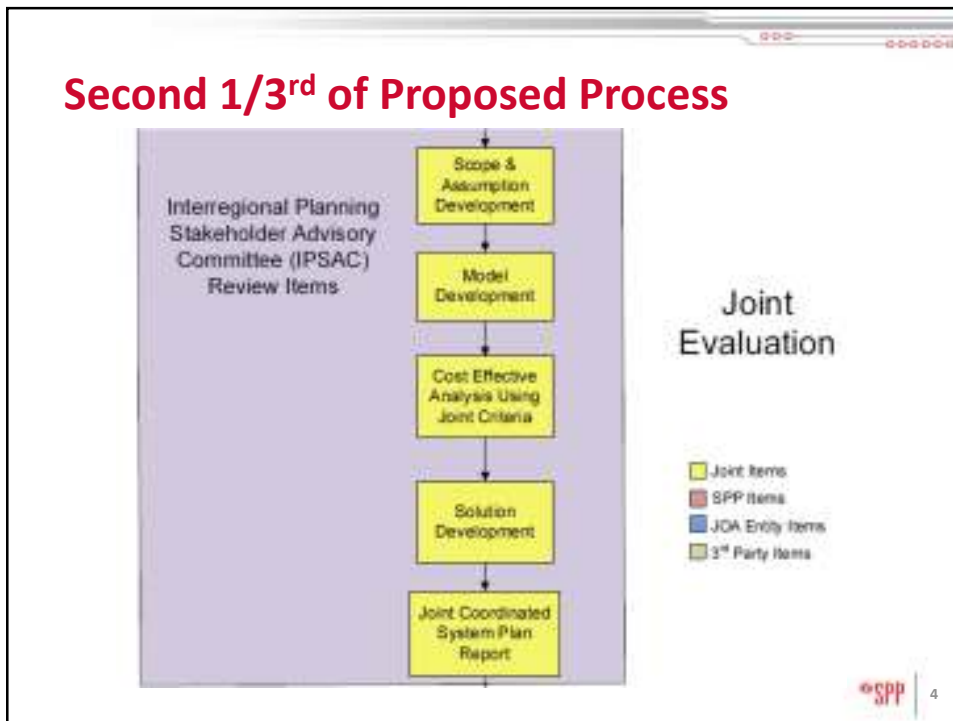


INTERREGIONAL PROCESS

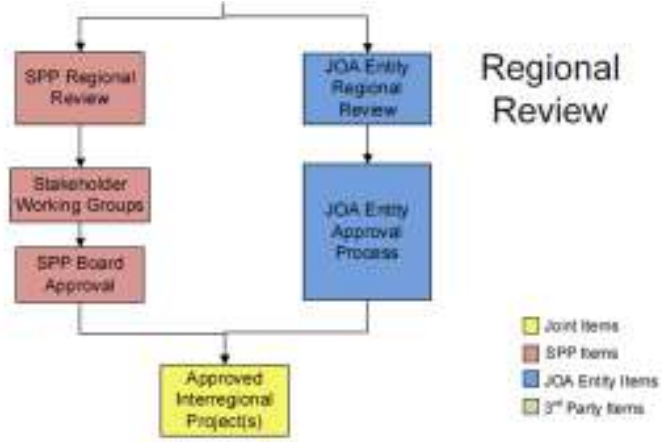
First 1/3rd of Proposed Process



Second 1/3rd of Proposed Process



Final 1/3rd of Proposed Process



REGIONAL REVIEW PROCESS

Regional Review Process

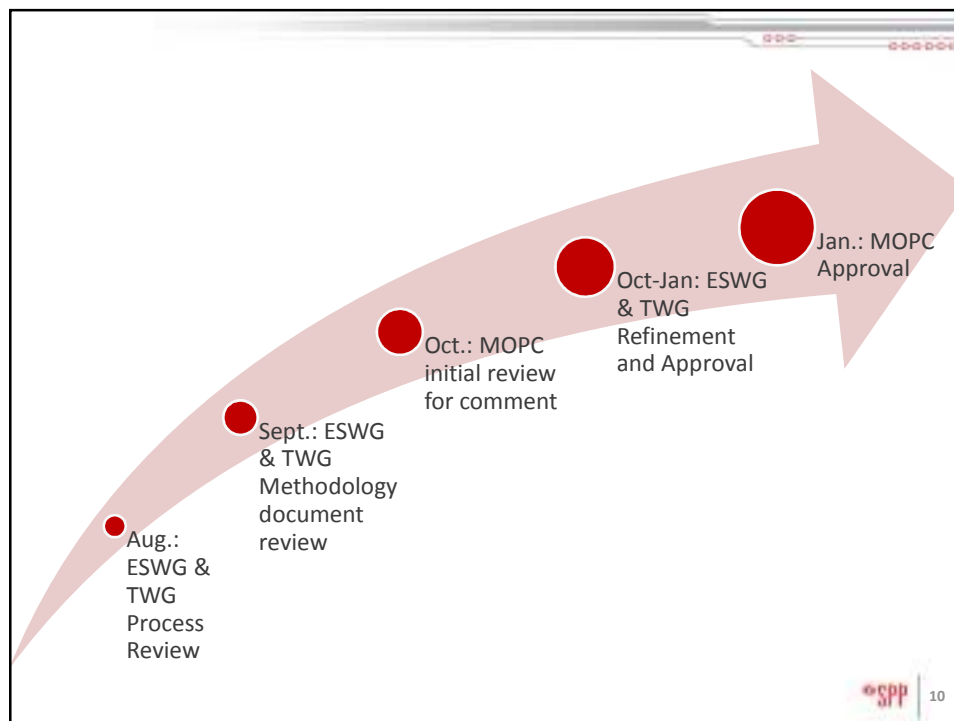
- **Regional approval process for interregional projects**
 - Resulting in decision for approval at MOPC & SPP Board
- **Inputs from the interregional process**
 - Projects recommended from interregional process
 - Not necessary to wait until final completion of interregional process
- **6 month timeframe from end of interregional process**
 - Possibility for an extension

Regional Review Methodology

- **Pre-defined methodology to streamline scope development**
- **Include guidance on study scope items**
 - Assumptions
 - Models
 - Analyses
- **Leverage recent ITP processes**

Next Steps

- Staff currently working on the methodology document
- Touch base with multiple ESWG & TWG members for input in the development
- Presentation on the process at the August ESWG & TWG meetings
- September methodology document review



TRANSMISSION WORKING GROUP

Project Cost Working Group

Reduced SCERT Update

July 24, 2013

REDUCED SCERT

- The PCWG discussed the possibility of making a subset of the data fields to be populated on a Standardized Cost Estimation Reporting Template (SCERT) optional for projects that are below 100 kV and/or below a determined cost threshold.
- The reduced SCERT was considered by the PCWG as a potential solution to alleviate the burden placed on Transmission Owners (TOs) who receive a high number of cost estimate requests.
- The request for the PCWG to make the consideration was originated at the Transmission Working Group (TWG).

REDUCED SCERT

- Some expressed the desire to keep the SCERT in its current form for all projects to avoid confusion within the cost estimation process, if the requirement for completed SCERTs for 69 kV projects could not be removed altogether.
- The efficiency gains were seen as negligible by some when weighing the difference in populating a full SCERT rather than the proposed reduced version.
- Other PCWG members supported the reduced SCERT as a means of devoting more resources to cost estimates for larger projects.

REDUCED SCERT

- *The PCWG reached a consensus to make no changes to the SCERT or the requirement to populate it completely for all cost estimates*
- *PCWG decided to make no changes to the existing requirement for SCERTs to be populated for all cost estimates, regardless of voltage or amount.*

**Capacity Margin
Adjustment LOLE
Flowgate Input**

June 26 , 2013

Michael Odom
modom@spp.org · 501.688.8205

 **SPP** *Southwest
Power Pool*

Helping our members
work together to
keep the lights on...
today and in the future



Purpose

- The Capacity Margin Adjustment LOLE study is conducted to determine what level of reserve should be kept by an entity to meet the LOLE Industry standard of 1 day in 10 years.
- Determine which flowgates should be used in the Capacity Margin Adjustment LOLE study for 2014, 2016



Current Flowgate list

- Flowgate data sourced from SPP Operations (NERC book of Flowgates)
 - Updated monthly by SPP Operations
- Currently monitoring:
 - COOPER_S_MAPP
 - SPSNORTH_STH_SPP
 - SPSSPPTIES_SPP
 - SPPSPSTIES_SPP

Future Flowgate list

- Impact
 - More flowgate limits, more constraints on the system
 - Limits deliverability to load
- Options
 - Use current list
 - Use the same list as used in ITP studies
 - Model specific flowgates
 - Other

Questions

