



Southwest Power Pool
TRANSMISSION WORKING GROUP MEETING
August 4-5, 2010
Doubletree Hotel Corporate Woods – Overland Park, Kansas

• Summary of Action Items •

1. Approved the previous meeting minutes as amended.
2. Approved the meeting agenda.
3. Approved the Appendix 6 reference corrections to SPP Criteria 12.
4. Approved the elimination of Appendix 1 from the SPP Criteria.
5. Approved adding section 12.4 to the SPP Criteria.
6. Approved changing all "Planning Authority" references in the SPP Criteria to "Planning Coordinator"
7. Accepted the TRMID.
8. Endorsed staff recommendation on NTC modifications.



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• M I N U T E S •

Agenda Item 1 – Administrative Items

TWG Chair, Noman Williams, called the meeting to order at 8:01 a.m. The following members were in attendance or represented by proxy: (Attachment 1 – Attendance) (Attachment 2 – Proxies)

Ronnie Frizzell, Arkansas Electric Cooperative
Jason Atwood, Dogwood Energy
John Chamberlin, City Utilities of Springfield
John Fulton, Southwestern Public Service, On Phone
Joe Fultz, Grand River Dam Authority, On Phone
Travis Hyde, Oklahoma Gas and Electric
Dave Dieterich for Dan Lenihan, Omaha Public Power District
Randy Lindstrom, Nebraska Public Power District
Sam McGarrah, Empire District Electric
Matt McGee, American Electric Power
John Payne, Kansas Electric Power Cooperative
Jason Shook, GDS Associates representing ETEC
Jason Fortik, Lincoln Electric System
Don Taylor, Westar Energy
Mitch Williams, Western Farmers Electric Cooperative, On Phone
Harold Wyble, Kansas City Power & Light
Jim McAvoy, Oklahoma Municipal Power Authority
Angela Easton, Calpine Energy Services, On Phone

A motion was made to approve the previous meeting minutes as amended by Randy Lindstrom. The motion was seconded and passed unopposed. (Attachment 3a – TWG minutes_May 12, 2010) (Attachment 3b – TWG minutes_May 13, 2010) (Attachment 3c – TWG minutes_July 21, 2010)

The group looked over the meeting agenda. Two items were added to the agenda.

Jason Fortik, Lincoln Electric System, motioned to approve to meeting agenda and was seconded by Jason Shook, GDS/ETEC. The motion was approved unanimously.
(Attachment 4 – Agenda)

Agenda Item 2 – Current Action Items

Rachel Hulett, SPP staff, went through the status of the TWG current action items (Attachment 5 – Current Action Items). Don Taylor, Westar Energy, asked about the status of previous Transmission Operating Directive Task Force action items—for the market monitor to address if TODs create market power issues. Staff stated this task was reported to MOPC and given to the market monitor, but the market monitor is occupied with implementing the day two market.

Agenda Item 3 – MOPC and SPP Board Updates and Directives

Noman Williams stated that there were no major updates from the Board or MOPC. The MOPC did approve the NTC White Paper. Rachel Hulett stated the NTC White Paper is now posted on the SPP website.

Agenda Item 4 – TWG Reports

TWG Work Schedule Update

Rachel Hulett went through the updated TWG work schedule (Attachment 6 – Work Schedule). There were no comments about the work schedule.

2009 Winter Model Benchmarking

Ryan Harrigill, SPP staff, presented the benchmarking analysis materials to the group (Attachment 7 – Criteria 3.3.3 presentation). Someone asked for power factor data. Staff explained this data is included in the provided 3.3.3 workbook containing all benchmarking data.

Agenda Item 5 – Criteria Clean Up

Criteria 12 – “Appendix 6A-E” corrections

Rachel Hulett went over the proposed changes to SPP Criteria (Attachment 8 – SPP Criteria). The first change was correcting the Appendix 6 references in Criteria 12.

Don Taylor moved to approve Criteria 12 corrections, and John Payne seconded. Motion passed unopposed.

Remove Appendix 1

Since SPP Criteria Appendix 1 was created before NERC TPL Standards and was more stringent than the standards, staff recommended the removal of Criteria Appendix 1.

Don Taylor moved to eliminate Appendix 1 of the SPP Criteria, which Travis Hyde seconded. Motion passed unopposed.

PRC-023-1-“critical facilities” definition

Rachel explained NERC Standard PRC-023 required the Planning Coordinator to define 100-200 kV facilities “critical” to the system for transmission relay loadability purposes. Staff proposed Criteria language with its insertion in Criteria 3.3.4. The proposed language is similar to the definition used for “critical” facilities in accordance with FAC-003 (found in Criteria 5.2.1.2).

The group discussed the best location for the proposed language, either Criteria 3, 7 or 12. Don Taylor suggested moving the language to Criteria 12.4.

Ronnie Frizzell, Arkansas Electric Cooperative, moved to accept the proposed language as amended as section 12.4, which Don Taylor seconded. Motion passed unopposed.

Don Taylor moved to change all references of “Planning Authority” in SPP Criteria to “Planning Coordinator”. Motion was seconded by Ronnie Frizzell and passed unopposed..

Agenda Item 6 – Criteria 4 Supporting Documents

ATCID and CBMID update

SPP Staff stated that they are currently working on the ATC and CBM implementation documents. Staff is creating these process documents to meet NERC Reliability Standards and support Criteria 4. Staff stated that they needed these documents approved by the end of the year in order to obtain MOPC approval in January, leading to successful implementation next April. The April 2011 deadline was imposed for compliance purposes. The group discussed the schedule for review. The TWG also asked staff if these documents should be applicable for all SPP Criteria entities or for only SPP Tariff entities.

SPP Staff will complete a draft of the ATC document by August 27. A conference call will be scheduled to discuss the document after the draft is completed.

TRMID

Jason Smith, SPP staff, explained the purpose of the TRM Implementation document- to meet NERC Reliability Standards. They discussed the document and made revisions (Attachment 9 – TRMID).

Jason Atwood, Dogwood Energy, moved to accept the TRMID document and Don Taylor seconded. Motion passed unopposed.

Agenda Item 7 – STEP, 10 Year Regional Reliability Planning Update

Bob Lux, SPP staff, provided an update on the 10-Yr Regional Reliability study. He also shared several projects needing out of cycle NTC reviews (Attachment 10 – STEP, Out of cycle NTCs). Staff proposed TWG endorse their recommendation for NTC modifications and withdrawals.

Randy Lindstrom moved to endorse the Staff recommendation on NTC modifications and Sam McGarrah, Empire District Electric, seconded. Motion passed unopposed.

Agenda Item 8 – Entergy Seams Update – CBA Study

It was noted there is a similar study being performed for Entergy Arkansas per the ASPC that is scheduled to follow after the CBA.

Agenda Item 9 – Interconnection Reviews

The group discussed when interconnection reviews should be conducted. There was member concern that some large projects being proposed by staff and approved by the Board were not going through the Criteria 3.5 interconnection process. Tony Gott, Associated Electric Cooperative, suggested that interconnection reviews should be included as part of the ITP scope. Keith Tynes, SPP staff, agreed that this could be appropriate.

SPP Staff will examine and determine how they will internally address Criteria 3.5 requirements going forward.

Agenda Item 10 – ITP Update

Keith Tynes provided an ITP update and the group discussed (Attachments 12a and 12b – ITP Update). Staff is working on the ITP 20 and wants to keep TWG engaged in the process. Staff created a list of questions for TWG to help staff develop the ITP 20 plan.

Keith Tynes requested that the TWG members review the “ITP 20 Questions for TWG” listed in the meeting materials and provide answers or comments to SPP Staff in the coming week.

Randy Lindstrom, Nebraska Public Power District, requested that there be a more formal approach for the TWG to have input into the ITP 20 design of the EHV backbone system.

Keith Tynes requested that anyone interested in providing input into the design of the EHV backbone email SPP Staff so that a formal discussion amongst interested parties can be organized.

Keith shared a tentative schedule of tasks the TWG will engage in for the ITP process, including the constraint analysis and limited reliability assessment for ITP 20. Since the constraint analysis needs to be approved by August 31, staff will provide the constraint analysis to TWG by August 13, and a conference call will be scheduled following. Keith also committed SPP staff to completing a draft of the ITP10 scope by early September.

Agenda Item 11 – Revision of ITP Manual

Rachel Hulett presented the ITP Manual for discussion and revision. Changes to the document are tracked in Attachment 13 – Draft Integrated Transmission Planning manual. Rachel led the group through the introductory sections of the manual and through the constraint and limited reliability analysis sections of the 20-Year ITP portion. The group also focused on the Near Term ITP. Since the meeting was nearing close, the TWG ended discussion on the document. Staff will schedule TWG conference calls to continue discussion on the manual.

The meeting was recessed at 5:00 p.m. on Wednesday and reconvened at 8:30 a.m. on Thursday.

Agenda Item 12 – Reactive Planning

Noman Williams introduced a presentation on reactive planning concerns to the group. Noman has concerns that the large EHV lines being proposed and needed reactance could make SPP become a stability limited region. Staff is not currently addressing reactive planning needs on the large EHV lines. John Fulton, Southwestern Public Service Company, was concerned that members may not be correctly modeling their voltage schedules and addressing high voltage issues. Bob Lux said it is difficult for staff to know if the high voltage issues in reliability studies are true problems on the system for this very reason. The group discussed the possibility of putting voltage schedules into the planning models (Attachment 14 – Reactive Planning).

Ask operations if they have any data on reactive issues or areas with voltage problems that they can share with TWG.

Staff to determine if they can benchmark voltages as part of the Criteria 3.3.3 efforts. Staff will focus on EHV voltages initially.

Agenda Item 13 – MITF White Paper

Kelsey Allen, SPP staff, gave a presentation (Attachment 15 – MITF update) on the MITF white paper (Attachment 16 – Model Improvement White Paper). The group discussed and provided comments on the MITF white paper which are tracked in Attachment 16.

The TWG was asked to endorse the white paper. Ronnie Frizzell expressed a desire to take more time to review the paper before voting to endorse the paper. John Mills, SPP staff, explained SPP needs approval prior to developing internal processes and SPP would like to implement these processes in the next model building cycle this fall. After some discussion it was decided to table discussion of the white paper until mid September when a conference call will be scheduled. This is intended to allow the

MDWG to review the document and also allow TWG members further review of the document. At that time if the paper is not endorsed as a whole then the TWG will specify what portions of the paper are acceptable so that SPP Staff can begin writing processes of those endorsed sections.

TWG will review the MITF White Paper and provide comments by mid September.

Agenda Item 14 – MDWG Status Report

Scott Rainbolt, American Electric Power, provided an update on the MDWG. He informed the group that the MDWG would be working on the 2011 model schedule and determining what models will be developed. He asked that if anyone had any comments on these topics that they let a MDWG member know before their August 5 MDWG meeting.

Agenda Item 15 – Others

Plains & Eastern Clean Line

Wayne Galli, Clean Line, gave a presentation on the methodology for determination of affected parties due to the Plains & Eastern clean line project (Attachment 17 – Plains & Eastern Clean Line). He also presented a report on the newly proposed “Grain Belt Express” project from Spearville, Kansas going east to St. Francois, Missouri (Attachment 18 – Grain Belt Express Clean Line Project Description).

EIPC Update

Noman Williams informed the group that the Eastern Interconnection Planning Collaborative was recently formed and he’s a member of the EIPC. Noman will keep the group informed of progress.

NERC Planning Committee

Noman Williams shared the Planning Committee is working on Order 693. They are focused on several items: posting lessons learned from the industry, developing guidelines for event analysis, improved and more accurate models/data, and redoing the MOD standards.

Agenda Item 16 – Closing Administrative Duties

Rachel Hulett summarized the action items of the meeting:

- Staff to complete draft of ATCID and CBMID by August 27.
- Staff to examine Criteria section 3.5 and determine what resources would be required to perform the reviews before NTCs are issued.
- TWG will review the MITF White Paper and provide comments by mid September.
- Ask operations if they have any data on reactive issues or areas with voltage problems that they can share with TWG.
- Staff to determine if they can benchmark voltages as part of the Criteria 3.3.3 efforts. Staff will focus on EHV voltages initially.

TWG will schedule conference calls to discuss identification of constraints for the ITP and the MITF white paper. The next face to face meeting will be held in Dallas on November 3-4.

The meeting was adjourned at 12:01 p.m.

Respectfully Submitted,



Rachel Hulett
Secretary