

**SOUTHWEST POWER POOL
SYSTEM PROTECTION AND CONTROL ADVISORY GROUP MEETING**

October 10, 2023 11:00PM - 12:00PM (CPT)

Teleconference

SUMMARY OF MOTIONS AND ACTION ITEMS

MOTIONS:

- None

ACTION ITEMS:

- No new items

MINUTES

AGENDA ITEM 1 – ADMINISTRATIVE ITEMS

SPCAG Chair Chris England (OPPD) called the meeting to order at 11:05 AM on 10/10/2023.

SPCAG Staff Secretary William Holden (SPP) took attendance and established a meeting quorum. A record of member attendance is an attachment to these minutes.

William Holden (SPP) read the SPP Antitrust Statement.

William Holden (SPP) verbally summarized the agenda. A record of the updated Agenda is an attachment to these minutes.

AGENDA ITEM 1 – SPP 2024 PRC-006-5 UFLS DESIGN ASSESSMENT STUDY SCOPE

Scott Jordan (SPP) presented the *SPP 2024 PRC-006-5 Under-Frequency Load Shed Design Assessment* scope document. A summary will be sent by email following the meeting and approval will be requested at the November meeting.

SYSTEM PROTECTION AND CONTROL ADVISORY GROUP MINUTES

10/10/2023

AGENDA ITEM 2 – REMEDIAL ACTION SCHEMES

PROCESS DOCUMENT

William Holden (SPP) provided an update on the proposed revisions to the *Reliability Coordinator and Planning Coordinator NERC Reliability Standard PRC-012-2 Process Document for the Eastern Interconnection*. The recommendation from other stakeholder groups included an amendment to adjust the order of reviews with the TWG as the initial group. No concerns were expressed regarding this adjustment. The SPP Reliability Coordinator will proceed with the document revisions and will send notice when posted.

AGENDA ITEM 3 – CLOSING ADMINISTRATIVE DUTIES

SPCAG Chair Chris Angland (OPPD) adjourned the SPCAG at 11:37 AM on 10/10/2023.

Respectfully Submitted,

William Holden, System Protection and Control Advisory Group, Staff Secretary

SYSTEM PROTECTION AND CONTROL ADVISORY GROUP MINUTES
10/10/2023

SUMMARY OF ATTACHMENTS:

SPCAG 10/10/2023 Agenda (pg. 4)

SPCAG 10/10/2023 Member Attendance (pg. 5)

SPCAG Action Item Tracking (pg. 6-7)

PRE-APPROVAL

SOUTHWEST POWER POOL, INC.

SYSTEM PROTECTION AND CONTROL ADVISORY GROUP MEETING

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AGENDA

- 1. Administrative Items:
 - a. Call to Order..... Chris Angland
 - b. AttendanceWilliam Holden
 - c. Antitrust Statement.....William Holden
 - d. Agenda ReviewWilliam Holden
- 2. SPP 2024 PRC-006-5 UFLS Design Assessment Study Scope (Discussion) Scott Jordan
- 3. Remedial Action Schemes: https://spp.org/documents/62226/spp_prc-012-2_process_ei.pdf
 - a. EI PRC-012-2 Process Document Revisions (Update)William Holden
- 4. Closing Administrative Duties:
 - a. Discuss upcoming meeting topics and location Chris Angland
 - i. November 7-8, 2023 (WebEx)
 - b. Adjourn meeting Chris Angland

SPCAG MEMBER ATTENDANCE:

Name	Company	Role	10/10/2023
Chris Angland	Omaha Public Power District	Chair	✓
David Oswald	Liberty Utilities	Vice Chair	
John Anderson	Evergy, Inc	Member	✓
Jeff Beasley	Grand River Dam Authority	Member	
Matt Boersema-Neudahl	Western Farmers Electric Cooperative	Member	✓
Glenn Bryson	American Electric Power	Member	✓
Michael Fleck	ITC Great Plains	Member	
Shawn Jacobs	Oklahoma Gas & Electric	Member	✓
Spencer Riddle	Western Area Power Administration Upper Great Plains Region	Member	✓
Lynn Schroeder	Sunflower Electric Power Corp	Member	
Steve Wadas	Nebraska Public Power District	Member	
David Wheeler	Xcel Energy	Member	
Ken Zellefrow	City Utilities of Springfield MO	Member	✓
William Holden	Southwest Power Pool	Staff Secretary	✓

SPCAG ACTION ITEMS

Action Item	Origin Date	Action Item	Update Summary	Status	Owner	Date Closed
157	02/10/21	SPP Staff to reach out to SPCAG to determine interest in developing PSSE/ASPEN/CAPE Conversion Whitepaper.	<p>5/12/21: Trey to send list to Lynn, and resend the request for participation.</p> <p>8/11/21: There's a current NERC effort to develop a whitepaper, and the SPP action is on hold until that paper is developed.</p> <p>11/10/21: Closure pending review of NERC paper, Q2 2022.</p> <p>5/11/22: Closure pending review of NERC paper, Q2 2022.</p> <p>8/9/22: Closure pending review of NERC paper, Q4 2022.</p> <p>11/9/22: Closure pending discussion of need for additional whitepaper.</p> <p>2/7/23: Closure pending discussion of need for additional whitepaper.</p> <p>4/25/23: Closure pending evaluation of NERC paper incorporation into MDAG process</p>	Closure pending	William Holden	
162	11/10/21	SPP Planning Modeling staff to present requested topics during SPCAG discussion of Short Circuit Models and analysis	<p>2/9/22: SPP solicited members for topics, survey being conducted for preferred fault model software with review of results at the May 22' meeting. Zach Sabey committed to provide updates on external Short Circuit data collection efforts.</p> <p>5/11/22: Eric Sullivan (SPP) shared MDAG survey results on short circuit model software and other preferences. The topic for discussion at the August meeting was selected to be update on short circuit build and any quality checks to be discussed.</p> <p>8/9/22: Erin Cathey (SPP) presented on the SPP Roadmap Process, Aspen presented on Short Circuit model conversion, and A/I #167 opened to submit an initiative request to improve the MDAG short circuit models for use with system protection and control</p> <p>11/9/22: Eric Sullivan (SPP) provided an update on the initiative and opportunity for feedback on the current short circuit model development. Lynn Schroeder (SECI) provided a summary of the NERC SPCWG Inter-Entity Short Circuit whitepaper. Nick Stueve (Evergy) demonstrated a short</p>	In progress	Zach Sabey	

Action Item	Origin Date	Action Item	Update Summary	Status	Owner	Date Closed
			<p>circuit model comparison tool</p> <p>2/7/23: SPCAG requested SPP Modeling Staff provide an overview at the April '23 meeting on the status of the initiative, MDAG Focus Group meetings, improvements steps, and data requests.</p> <p>4/25/23: SPP Modeling Staff deferred detailed update to the next meeting in August.</p>			
165	05/11/22	SPCAG to explore SPP Roadmap for Short Circuit modeling program purchase.	<p>8/10/20: Process presented to the group, A/I #167 opened to submit an initiative request to improve the MDAG short circuit models for use with system protection and control</p> <p>11/9/22: Eric Sullivan (SPP) provided an update on the initiative</p> <p>2/7/23: no progress to report</p> <p>4/25/23: Closure pending SIR544 prioritization agreeable by SPCAG</p>	Closure pending	William Holden	
166	05/11/22	SPCAG to create sub-group for coordination with MDAG.	<p>8/10/22: SPCAG members have been attending MDAG Focus Group meetings</p> <p>11/9/22: Eric Sullivan (SPP) provided an update on opportunity for feedback on the current short circuit model development.</p> <p>2/7/23: no progress to report</p> <p>4/25/23: SPP Modeling staff invited SPCAG members to participate in MDAG model process</p>	In progress	John Anderson	
167	08/09/22	Submit an initiative request to improve the MDAG short circuit models for use with system protection and control	<p>11/9/22: Eric Sullivan (SPP) provided an update on the initiative</p> <p>2/7/23: no progress to report</p> <p>4/25/23: SIR544 submitted, in-process for prioritization by working groups (e.g. TWG)</p> <p>8/1/23: Eric Sullivan (SPP) provided an update on the initiative. Will consult with SPP management then provide an update by email.</p>	In progress	William Holden	
169	04/25/23	SPCAG to be engaged in TWG and MDAG to appropriately prioritize SIR544		Not Started	William Holden	