

**SOUTHWEST POWER POOL
OPERATING RELIABILITY WORKING GROUP MEETING**

**Thursday February 3, 2022 8:30 AM – 3:00 PM (CPT)
Net Conference**

SUMMARY OF MOTIONS AND ACTION ITEMS

- Jeff Wells (GRDA) motioned that the ORWG approve the *January 6, 2022 ORWG Meeting Minutes* as amended. Chris Shaffer (AEP) seconded the motion. The motion carried without opposition or abstention.
- SPP staff took an action item to present flowgate exceedance metrics based on RTBM data at the March 2022 ORWG meeting.
- Zachary Sharp (SPP) took an action item to poll the ORWG on potential topics for the EPRI Order 881 workshop.

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MINUTES

AGENDA ITEMS 1-4 – ADMINISTRATIVE ITEMS

ORWG Chair Allen Klassen (Evergy, Inc.) called the meeting to order at 8:36 AM on 2/3/2022.

Zachary Sharp (SPP) took attendance and established a meeting quorum. A record of member attendance will be provided as an attachment to these minutes. Proxies for ORWG Members are as follows: Kevin Ma (OGE) for Bryn Wilson (OGE).

Zachary Sharp (SPP) read the SPP Antitrust Statement.

Chairman Allen Klassen (Evergy, Inc.) reviewed the agenda.

AGENDA ITEM 5 – CONSENT AGENDA

Jeff Wells (GRDA) motioned that the ORWG approve the *January 6, 2022 ORWG Meeting Minutes* as amended. Chris Shaffer (AEP) seconded the motion. The motion carried without opposition or abstention.

AGENDA ITEM 6 – LIAISON REPORTS

ELECTRIC STORAGE RESOURCES STEERING COMMITTEE (ESRSC) ACTIVITIES UPDATE

Allen Klassen (Evergy) gave an update. Board approved RR476. The ESRSC discussed RR419 concerning market power of SATOAs. ESRSC is moving to a quarterly meeting.

ORDER 2222 TASK FORCE (O2222TF) ACTIVITIES UPDATE

Ron Gunderson (NPPD) gave an update. The TF has not met since December 2021. Board approved RR468 in January 2022. Staff preparing filing for FERC. There is a request out to FERC to host a technical conference on O2222 implementation.

OPERATING RELIABILITY WORKING GROUP MINUTES

2/3/2022

IMPROVED RESOURCE AVAILABILITY TASK FORCE

Allen Klassen gave an update. The TF last met January 19, 2022. Among the discussion were scope document changes. IRATF minutes are available on spp.org.

SOL METHODOLOGY TASK FORCE (SOLMTF) ACTIVITIES UPDATE

Chris Shaffer (AEP) gave an update. The TF met last on January 10, 2022. They reviewed PJM and MISO SOL Methodology documentation and determine best practices. They meet again next week with plans to look at the CAISO methodology and NERC SOL Whitepaper.

AGENDA ITEM 7 – OGE SYSTEM ZONAL STUDY FOR VOLTAGE/VAR CONTROL

Dr. Kevin Ma (OGE) discussed OGE's methodology used to create zonal assignments when determining zones for voltage and VAR controls.

AGENDA ITEM 8 – LOAD GROWTH AND UFLS PARTICIPATION

Kyle McMenamin (Xcel) discussed the load growth Xcel is seeing in the SPS footprint, and the issues they have experienced getting new load customers to participate in their UFLS program.

The group discussed using a separate load interconnect agreement between TOP and load customer (in addition to SPP requirements) to close the gap.

AGENDA ITEM 9 – QUARTERLY EXCEEDANCE METRICS

Kathryn Dial (SPP) presented the quarterly exceedance metrics, and discussed the challenges SPP staff encounters when pulling together exceedance metrics. SPP staff believes RTBM based metrics better represents FG control performance than RTLODF. The group was in support of going to RTBM based metrics, and SPP Staff will present at the March 2022 ORWG meeting.

Staff also suggested making use of the RMS to submit tickets when TOPs have questions about exceedances. This allows SPP staff to investigate closer to the actual event which yields better results and is less cumbersome than investigating exceedances two or three months after the fact. SPP staff will work to create a quick pick in RMS.

OPERATING RELIABILITY WORKING GROUP MINUTES

2/3/2022

AGENDA ITEM 10 – R-COMM TESTING

Margaret Quispe (SPP) gave an update on R-Comm blackstart and load-shed testing. There are a few more weeks before production release testing finishes. Testing will pick back up with spring testing in April.

AGENDA ITEM 11 – EMS STATE OF THE MODEL

Tim Miller (SPP) gave a verbal update concerning the EMS model. Tim stated that monthly model uploads and communication with members has been going well. The EMS team is working on an EMS upgrade targeted for Q4 of 2022, and is also beginning to work through O881 impacts. The ICCP submission tool is currently under design, and should roll out later this year.

AGENDA ITEM 12 – FUTURE EPRI 881 WORKSHOP

Doug Bowman (SPP) discussed the potential for an EPRI workshop on O881. Zachary Sharp (SPP) sent a poll out to members to determine what topics were of most interest for EPRI to cover during the workshop.

AGENDA ITEM 13 – ROADMAP INITIATIVE PRIORITIZATION

Erin Cathey (SPP) gave an overview of the Roadmap Prioritization process. ORWG members will be receiving prioritization packets in the next week.

AGENDA ITEM 14 – GENERAL Q&A/OPEN FORUM

Mark Eastwood (CUS) asked about the large discrepancy between wind forecast versus actual from early this week. SPP staff explained that the actual wind production can come in much lower than forecast based on curtailments for congestion, and that the wind forecast is ideal, and does not take system congestion into consideration.

AGENDA ITEM 15 – REVIEW OF NEW, OPEN AND CLOSURE PENDING ACTIONS

Zachary Sharp (SPP) noted the two new action items taken during the meeting.

OPERATING RELIABILITY WORKING GROUP MINUTES

2/3/2022

AGENDA ITEM 16 – MEETING SCHEDULE

The March face-to-face meeting in Tulsa, OK was rescheduled to be a two day net conference, 8:30 AM to 2:30 PM on both days.

- 2/16/2022 Joint ORWG/MWG Session, WebEx (Wed) 8:15 AM – 12:00 PM
- March 2022 Net Conference
 - 3/2/2022 8:30 AM – 2:30 PM
 - 3/3/2022 8:30 AM – 2:30 PM
- 3/31/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- May 2022 Face-to-Face (SPP Offices, Little Rock, AR)
 - 5/4/2022 8:00 AM – 5:00 PM
 - 5/5/2022 8:00 AM – 12:00 PM
- 6/2/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- 6/30/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- 8/4/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- 9/1/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- September 2022 Face-to-Face (SPP Offices, Little Rock, AR)
 - 9/28/2022 8:00 AM – 5:00 PM
 - 9/29/2022 8:00 AM – 12:00 PM
- 11/3/2022 WebEx (Thurs) 8:30 AM – 2:30 PM
- 12/8/2022 WebEx (Thurs) 8:30 AM – 2:30 PM

AGENDA ITEM 17 – ADJOURNMENT

SPP Chair Allen Klassen (Evergy, Inc.) adjourned the ORWG at 2:11 PM on 2/3/2022.

Respectfully Submitted,

Zachary Sharp, ORWG Staff Secretary



OPERATING RELIABILITY WORKING GROUP MINUTES
2/3/2022

SUMMARY OF ATTACHMENTS:

ORWG 2/3/2022 Agenda (pg. 7-8)

ORWG Member Attendance (pg. 9)

**SOUTHWEST POWER POOL, INC.
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Net Conference

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AGENDA

1. Call to Order..... Allen Klassen
2. Attendance..... Zachary Sharp
3. Antitrust StatementAllen Klassen/Zachary Sharp
4. Agenda Review..... Allen Klassen
5. For Consent (Action) Allen Klassen
 January 6, 2022 ORWG Meeting Minutes Zachary Sharp
6. Liaison Reports..... Allen Klassen (15m)
 - a. ESRSC Allen Klassen
 - Order 2222 TF..... Ron Gunderson
 - IRATF..... Bryn Wilson/Allen Klassen
 - SOLMTF.....Chris Shaffer/Brett Springfield
7. OGE System Zonal Study for Voltage/VAR Control.....Dr. Kevin Ma (30m)
8. Load Growth and UFLS Participation Kyle McMenamin (20m)
9. Quarterly Exceedance Metrics..... Kathryn Dial (60m)
10. R-Comm Testing..... Margaret Quispe (10m)
11. EMS State of the Model Tim Miller (20m)
12. Future EPRI 881 Workshop Doug Bowman (20m)
13. Roadmap Initiative Prioritization Erin Cathey (30m)
14. General Q&A/Open Forum All
15. Review of New, Open and Closure Pending Actions Zachary Sharp
16. Meeting Schedule Review..... All
 - 2/16/2022 Joint ORWG/MWG Session, WebEx (Wed) 8:15 AM – 12:00 PM
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17. Adjournment..... Allen Klassen

ORWG Member Attendance:

Name	Company	Role	2/3/2022
Allen Klassen	Evergy, Inc	Chair	✓
Ron Gunderson	Nebraska Public Power District	Vice Chair	✓
Keith Carman	Tri-State G&T	Member	✓
Mark Eastwood	City Utilities of Springfield MO	Member	✓
Abu Elteriefi	ITC Great Plains, LLC	Member	✓
Laurie Gregg	Lincoln Electric System	Member	✓
Kyle McMenamin	Xcel Energy	Member	✓
Jerry McVey	Sunflower Electric Power Corporation	Member	✓
Chance Myers	Western Farmers Electric Cooperative	Member	✓
Matt Pawlowski	NextEra	Member	✓
Doug Peterchuck	Omaha Public Power District	Member	✓
David Pham	Liberty Utilities	Member	✓
Gary Plummer	Independence Power & Light	Member	✓
John Roemen	Western Area Power Administration	Member	✓
Chris Shaffer	American Electric Power	Member	✓
Jim Useldinger	GridLiance High Plains	Member	✓
Jeff Wells	Grand River Dam Authority	Member	✓
Bryn Wilson	Oklahoma Gas & Electric	Member	*
Zachary Sharp	Southwest Power Pool	Secretary	✓

*Kevin Ma proxy for Bryn Wilson, Bryn Wilson joined the meeting mid-session