

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

Wednesday September 1, 2021 1:00 PM – 5:00 PM (CPT)
Thursday September 2, 2021 8:30 AM – 12:00 PM (CPT)
Net Conference

SUMMARY OF MOTIONS AND ACTION ITEMS

- Jeff Wells (GRDA) motioned that the ORWG approve the consent agenda which includes the *August 5, 2021 ORWG Meeting Minutes, Other Extreme Conditions Reports and RR459 Electric Storage Resource Loss Factor Correction*. Allan George (SECI) seconded the motion. The motion carried without opposition or abstention.
- Ron Gunderson (NPPD) motioned that the ORWG endorse modification to the *Reliability Coordinator Area System Operating Limit Methodology* to replace the 150 MW generator threshold with all BES generating resource(s), to be effective October 1st, 2021. Bryn Wilson (OGE) seconded the motion. The motion carried without opposition or abstention.
- Ron Gunderson (NPPD) motioned that the ORWG approve the *SPP BA Operating Protocols* as presented. Bryn Wilson (OGE) seconded the motion. The motion carried without opposition or abstention.
- Jeff Wells (GRDA) motioned that the ORWG approve *RR460 Minimum Transmission Design Standard Revision* as presented. Laurie Gregg (LES) seconded the motion. The motion carried without opposition or abstention.
- Jeff Wells motioned that the ORWG approve *RR456 Hybrid Storage Market Resources* as presented. Mark Eastwood seconded the motion. The motion carried without opposition or abstention.
- Jeff Wells (GRDA) motioned that the ORWG support Sensitivity 2 for operating constraints and no change for the remaining Violation Relaxation Limits in the *2020-2021 Annual Violation Relaxation Limits (VRLs) Analysis*. Mark Eastwood (CUS) seconded the motion. The motion carried with one opposition (AEP) and one abstention (Xcel).

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MINUTES

AGENDA ITEMS 1-4 – ADMINISTRATIVE ITEMS

ORWG Chair Allen Klassen (Evergy, Inc.) called the meeting to order at 1:02 PM on 9/1/2021 and 8:31 on 9/2/2021.

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: Allan George (SECI) has given his proxy to Jerry McVey (SECI) for the 9/2/2021 session, Bryn Wilson (OGE) has given his proxy to Kevin Ma (OGE) for the 1:30 PM – 2:30 PM time period on 9/1/2021, Chris Shaffer (AEP) has given his proxy to Tyler Springer (AEP) for the 2:00 PM – 3:00 PM time period on 9/1/2021, Kyle McMenamin (Xcel) has given his proxy to Brittany Gray (Xcel) for the entirety of the meeting.

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 consent agenda which includes the *August 5, 2021 ORWG Meeting Minutes, Other Extreme Conditions Reports and RR459 Electric Storage Resource Loss Factor Correction*. Allan George (SECI) 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 on the ESRSC. They last met on 8/23/2021. The group reviewed a whitepaper discussing how to integrate storage resources into the ITP process which the ESRSC approved. The committee is targeting an RR to MOPC in January 2022. Sensitivities are being ran to determine the limit of saturation of ESRs. Ron Gunderson (NPPD) expressed

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concerns with accrediting storage resources, and is worried the approach being taken will not benefit reliability and resource adequacy.

ORDER 2222 TASK FORCE (O2222TF) ACTIVITIES UPDATE

Ron Gunderson (NPPD) gave an update on O2222. The task force has not met since the last ORWG meeting. The task force meets next on 9/7/2021, with plans to take action on the RR.

IMPROVED RESOURCE AVAILABILITY TASK FORCE

Allen Klassen (Evergy) gave an update on the IRATF which has yet to have their first meeting. The task force is being created to take on the Tier 1 action items from the 2021 Winter Weather Event recommendations approved by the SPP Board of Directors. A summary of the membership composition was provided. Zachary Sharp (SPP) informed the group that the group page can be found on spp.org.

AGENDA ITEM 7 – PFRTF REPORT

Allan George (SECI) gave some background on the Primary Frequency Response Task Force (PFRTF) and introduced Tom Kordsiemon (OGE) to discuss the PFRTF Forward Outlook report. The report was not part of the public materials posting, but instead shared directly with the ORWG members. Tom reviewed the five options outlined in the report. Daniel Baker (SPP) reviewed the *SPP Frequency Response Score vs SPP Inertia* and *SPP BAL-003 Event Performance (2017-2020)* figures from the report. Charles Cates (SPP) commented that the HITT R1 report supports similar recommendations.

AGENDA ITEM 8 – OCMTF

Doug Peterchuck (OPPD) presented on the work done by the Operations Congestion Management Task Force (OCMTF). Doug requested comments from the ORWG on the OCMTF Summary of Work document by September 23rd, 2021. The group plans to provide a final version of the document at the October 2021 ORWG meeting, and request to sunset the group at that time.

AGENDA ITEM 9 – SOL METHODOLOGY

Charles Cates (SPP) presented on changes to the *SPP RC Area SOL Methodology* requesting endorsement of changes. Revisions were identified as the result of a compliance related issue in a recent FERC audit. The issue is resolved by removing the current threshold limit of greater than

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or equal to 150 MW for generation contingencies. Ron Gunderson (NPPD) noted that the effective date of the revision needs to be updated as it is currently listed in the past which may result in compliance complications. The effective date was updated to be 10/1/2021 to allow adequate time for TOPs to update their contingencies in order to remain in compliance. David Pham (Liberty Utilities) voiced concern that individual wind turbine contingencies may need to be considered given the current language. "BES generators" was amended to read "BES generating resource(s)".

Ron Gunderson (NPPD) motioned that the ORWG endorse modification to the *Reliability Coordinator Area System Operating Limit Methodology* to replace the 150 MW generator threshold with all BES generating resource(s), to be effective October 1st, 2021. Bryn Wilson (OGE) seconded the motion. The motion carried without opposition or abstention.

AGENDA ITEM 10 – SPP BA OPERATING PROTOCOLS

Scott Aclin (SPP) presented proposed revisions from an annual review to the *SPP BA Operating Protocols* that provided flexibility by removing specific deadlines. Chance Myers (WFEC) inquired into whether annually was 12 months or 15 months. Scott confirmed that the Frequency Measurement Data verification checks shall not exceed 15 months.

Ron Gunderson (NPPD) motioned that the ORWG approve the *SPP BA Operating Protocols* as presented. Bryn Wilson (OGE) seconded the motion. The motion carried without opposition or abstention.

AGENDA ITEM 11 – SPP BA EMERGENCY OPERATING PLAN

Scott Aclin (SPP) presented proposed revisions from an annual review to the *SPP BA Emergency Operating Plan*. The group discussed which non-NERC registered entities that SPP is required to notify under certain system conditions. Bryn Wilson (OGE) requested more detail in the document regarding how each type of event is communicated to the applicable entities. Scott addressed a concern raised on whether the annual review required approval of proposed revisions by 9/30/2021 and will review the document feedback with SPP staff.

AGENDA ITEM 12 – RR460 MINIMUM TRANSMISSION DESIGN STANDARD REVISION

Dave Parrish (AEP), chairman of the Minimum Design Standards Task Force, presented RR460, including five minor edits (Reactive compensation determined following design selection, substation expansion for beyond planning horizon, and surge protection specification of equipment.) that had been made to the document since the ORWG meeting materials posting.

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Jeff Wells (GRDA) motioned that the ORWG approve *RR460 Minimum Transmission Design Standard Revision* as presented. Laurie Gregg (LES) seconded the motion. The motion carried without opposition or abstention.

AGENDA ITEM 13 – RR456 HYBRID STORAGE MARKET RESOURCES

Daniel Harless (SPP) presented on adjustments from previous presentation of RR456 to the group seeking approval that would follow ESRSC & MWG approvals.

Jeff Wells motioned that the ORWG approve *RR456 Hybrid Storage Market Resources* as presented. Mark Eastwood seconded the motion. The motion carried without opposition or abstention.

AGENDA ITEM 14 – VRL REPORT

Matt Jackson (SPP) presented the *2020-2021 Annual Violation Relaxation Limits (VRLs) Analysis* prepared by SPP staff. SPP staff recommended no change for any VRLs from the previous year. Kevin Bates (SPP) of the SPP Market Monitoring Unit (MMU) expressed that the SPP MMU was in support of sensitivity 2 or 3 for operating constraints. The group discussed the perceived increased reliability benefits from the sensitivities for operating constraints. SPP staff were requested to include a duration of events to provide further insight for subsequent analysis.

Jeff Wells (GRDA) motioned that the ORWG support Sensitivity 2 for operating constraints and no change for the remaining Violation Relaxation Limits in the *2020-2021 Annual Violation Relaxation Limits (VRLs) Analysis*. Mark Eastwood (CUS) seconded the motion. The motion carried with one opposition (AEP) and one abstention (Xcel).

Opposed: Chris Shaffer (AEP)

"AEP recommends moving forward with the VRL Analysis report and SPP Staff recommendations to maintain present VRL levels. AEP would like to continue to pursue possible VRL adjustments for extreme events which is a topic to be covered as part of the Winter Weather Event lessons learned plan. AEP would also like to see changes made in RR414 come to fruition prior to making additional VRL changes. Based on the SPP VRL Analysis report, present VRL levels optimize reliability and economics."

Abstained: Brittany Gray (Xcel, proxy for Kyle McMenamain)

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AGENDA ITEM 15 – OUTAGE COORDINATION METHODOLOGY

Will Tootle (SPP) presented proposed changes to the Outage Coordination Methodology and discussed with the group. An updated revision of the document will be presented to the ORWG at a later date.

AGENDA ITEM 16 – SATOA RR UPDATE

Joshua Pilgrim (SPP) gave an update on the state of the ESRSC Storage As Transmission Only Asset (SATOA) RR. The RR has added Attachment AE language amendments since the previous presentation to the ORWG. Joshua plans to continue to share updates on the SATOA RR at subsequent ORWG meetings until such time as the RR is in a final state that the ORWG can then take action upon.

AGENDA ITEM 17 – RAS CRITERIA

Not covered due to timing constraints.

AGENDA ITEM 18 – REVIEW OF NEW, OPEN AND CLOSURE PENDING ACTIONS

None

AGENDA ITEM 19 – GENERAL Q&A/OPEN FORUM

Zachary Sharp (SPP) mentioned that the current chair position for the ORWG was expiring at the end of 2021. Zachary will be conducting the chair nomination and approval process via email for the upcoming 2022-2023 term.

AGENDA ITEM 20 – MEETING SCHEDULE

Zachary Sharp (SPP) discussed the October 2021 meeting transitioning from an in-person meeting to a net conference. The group agreed to alter the meeting to be from 8:30 AM – 2:30 PM both Wednesday and Thursday.

2021:

October 2021 WebEx

- 10/6/2021 8:30 AM – 2:30 PM
- 10/7/2021 8:30 AM – 2:30 PM

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11/4/2021 WebEx (Thurs) 8:30 AM – 12:00 PM

12/2/2021 WebEx (Thurs) 8:30 AM – 12:00 PM

2022:

1/6/2022 WebEx (Thurs) 8:30 AM – 2:30 PM

2/3/2022 WebEx (Thurs) 8:30 AM – 2:30 PM

3/3/2022 WebEx (Thurs) 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 21 – ADJOURNMENT

SPP Chair Allen Klassen (Evergy, Inc.) recessed the ORWG at 4:49 PM on 9/1/2021 and adjourned the ORWG at 11:40 AM on 9/2/2021.

Respectfully Submitted,

Zachary Sharp, ORWG Staff Secretary

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SUMMARY OF ATTACHMENTS:

ORWG 9/1-2/2021 Agenda (pg. 9-10)

ORWG Member Attendance (pg. 11)

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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
 - August 5, 2021 ORWG Meeting Minutes Zachary Sharp
 - Other Extreme Conditions Reports Terry Oxandale
 - RR459 Electric Storage Resource Loss Factor Correction..... Kristen Darden
6. Liaison Reports..... Allen Klassen (15m)
 - a. ESRSC Allen Klassen
 - Order 2222 TF..... Ron Gunderson
 - IRATF..... Bryn Wilson/Allen Klassen
7. PFRTF Report (Discussion)Allan George (45m)
8. OCMTF Report (Discussion) Doug Peterchuck (45m)
9. SOL Methodology (Action).....Charles Cates (30m)
10. SPP BA Operating Protocols (Action)Scott Aclin (20m)
11. SPP BA Emergency Operating Plan (Action)Scott Aclin (20m)
12. RR460 Minimum Transmission Design Standard Revision (Action)..... Dave Parrish (45m)
13. RR456 Hybrid Storage Market Resources (Action)Daniel Harless (15m)
14. VRL Report (Action)..... Matt Jackson (45m)
15. Outage Coordination Methodology (Discussion) Will Tootle (60m)
16. SATOA RR Update (Discussion) Joshua Pilgrim (30m)
17. RAS Criteria (Discussion) Adam Bell (45m)
18. Review of New, Open and Closure Pending Actions Zachary Sharp
19. General Q&A/Open Forum All

20. Meeting Schedule Review..... All

2021:

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12/8/2022 WebEx (Thurs) 8:30 AM – 2:30 PM

21. Adjournment..... Allen Klassen

ORWG Member Attendance:

Name	Company	Role	9/1/2021	9/2/2021
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	✓	✓
Allan George	Sunflower Electric Power Corp	Member	✓	**
Laurie Gregg	Lincoln Electric System	Member	✓	✓
Kyle McMenamin	Xcel Energy	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	✓	✓

*Brittany Gray (Xcel) proxy

**Jerry McVey (SECI) proxy