

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

Wednesday March 3, 2021 8:30 AM – 12:00 PM (CPT)

Thursday March 4, 2021 8:30 AM – 12:00 PM (CPT)

Net Conference

## **SUMMARY OF MOTIONS AND ACTION ITEMS**

1. Jeff Wells (Grand River Dam Authority) made a motion to approve the February 3-4, 2021 ORWG Meeting Minutes as amended. Kyle McMenemy (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.

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## **MINUTES**

### **AGENDA ITEMS 1-4 – ADMINISTRATIVE ITEMS**

SPP Chair Allen Klassen (Evergy, Inc.) called the meeting to order at 8:32 on 3/3/2021 and at 8:46 on 3/4/2021.

Zachary Sharp (SPP) took attendance and established a meeting quorum. A record of member attendance will be provided as an attachment to these minutes.

Zachary Sharp (SPP) read the SPP Antitrust Statement.

Chairman Allen Klassen (Evergy, Inc.) reviewed the agenda. It was noted that Lanny Nickell (SPP) would be joining the meeting around 9:30 on 3/3/2021 to discuss the recent winter event.

### **AGENDA ITEM 5 – CONSENT AGENDA**

Ron Gunderson (Nebraska Public Power District) suggested an edit to the *February 3-4, 2021 ORWG Meeting Minutes*, correcting the spelling of the word 'ratio' which was incorrectly typed 'ration'. Jeff Wells (Grand River Dam Authority) made a motion to approve the *February 3-4, 2021 ORWG Meeting Minutes* as amended. Kyle McMenamain (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.

### **AGENDA ITEM 6 – LIASON REPORTS**

#### *PRIMARY FREQUENCY RESPONSE TASK FORCE (PFRTF) ACTIVITIES UPDATE*

Allan George (Sunflower Electric Power Corporation) provided an update on the PFRTF activities. The group plans to meet on 3/5/2021 to review frequency deviations from the recent cold weather event, and discuss maximum generation limits.

## **OPERATING RELIABILITY WORKING GROUP MINUTES**

**3/3/2021 – 3/4/2021**

### *OPERATIONS CONGESTION MANAGEMENT TASK FORCE (OCMTF) ACTIVITIES UPDATE*

Will Ragsdale (SPP) stated that the OCMTF met last week. The group plans to take RR414 to the Reliability Compliance Advisory Group on 3/8/2021, and to the Market Working Group on 3/16/2021. The group also plans to provide quarterly metrics to the Operating Reliability Working Group (ORWG) on 4/1/2021.

### *ELECTRIC STORAGE RESOURCES STEERING COMMITTEE (ESRSC) ACTIVITIES UPDATE*

Allen Klassen (Eversource, Inc.) provided an update on ESRSC activities. The ESRSC is made up of the Chairs of the SPP Working Groups and four at-large seats. The ESRSC plans to take a lead role in assigning tasks and topics to working groups, and Allen expects ORWG to be assigned several topics. Timelines are being developed and will be made clear in the coming months.

### *ORDER 2222 TASK FORCE (O2222TF) ACTIVITIES UPDATE*

Ron Gunderson (Nebraska Public Power District) provided an update on the O2222TF activities. The O2222TF met last on 2/9/2021, and plans to meet next on 3/9/2021. The MWG has invited the ORWG to participate in Order 2222 discussions. Dates and registration details for the joint meetings will be sent to ORWG participants. Ron stated that a tariff filing is due in July. However, Ron noted that SPP has filed a motion at FERC for extension, targeting April 2022.

### **AGENDA ITEM 7 – ANNUAL MSSC/SMCE UPDATE**

Trey Rosel (SPP) discussed the annual update of SPPs list of Most Severe Single Contingencies (MSSC) and Special Multi-Contingency Events (SMCE). Trey intends to send an email out later today (3/3/2021) to wide range of Transmission Operators and Generation Operators in the SPP Balancing Authority Area to request assistance in SPPs work to identify potential MSSCs and SMCEs. Bryn Wilson (Oklahoma Gas and Electric) asked for a clarification on the loss of MW output referring to nameplate. Trey indicated that the nameplate MW value was correct. Charles Cates (SPP) mentioned that SPP staff is working on a parallel effort to determine single event loss, focused on multiple resources tying to the same interconnection point. Jeff Wells (Grand River Dam Authority) asked if SPP had a current list of MSSCs and SMCEs. Trey noted that SPP keeps an active list that is updated throughout the year, and that this annual review was intended to true up any discrepancies.

## OPERATING RELIABILITY WORKING GROUP MINUTES

3/3/2021 – 3/4/2021

### AGENDA ITEM 8 – PARTIAL LOAD SHED RESTORATION

Margaret Quispe (SPP) discussed the current limitations of R-Comm with regards to partial load shed restoration. Currently the tool does not have the capability to restore part of a load shed instruction, but there is an effort to add this functionality by the end of 2021. In the meantime, Margaret asked for the ORWG's opinion on how to handle a potential partial load shed restoration. One option is to use the Load Shed Calculator which requires email, oral Operating Instructions and manual tracking. The other option is to issue multiple, smaller R-Comm load shed instructions. This option could result in multiple instructions being sent in a single hour, requiring TOPs to execute load shed processes multiple times. The benefit is that R-Comm can then be used to restore the individual load shed events separately. The group was overwhelmingly in support of using R-Comm. Ron Gunderson (Nebraska Public Power District) noted that it would be beneficial if the R-Comm tool could specify the total load shed value when stacking instructions. Margaret noted that calls concerning load shed during event should be directed to the Balancing Authority desk.

### AGENDA ITEM 9 – FEBRUARY 2021 WINTER STORM EVENT

Lanny Nickell (SPP) joined the ORWG briefly around 9:45 AM, between Agenda Items 7 and 8, to discuss the winter storm event. The Board of Directors (BOD) formed a Comprehensive Review Steering Committee (CRSC) to look into the event, and a report with recommendations is due to the BOD in July 2021. There are five paths associated with the CRSC including: Operations, Communications, Regulatory, Financial and the Market Monitoring Unit. The ORWG, MWG, Transmission Working Group (TWG) and Supply Adequacy Working Group (SAWG) will all have a role in the review. The next steps will be a scoping exercise among the four Working Groups, with the scope being presented to the CRSC for signoff.

CJ Brown (SPP) continued this discussion after Agenda Item 8 was concluded. CJ presented the slide deck that Lanny had previously presented to the BOD on 3/2/2021 titled *2021 Winter Storm Grid Emergency*. The presentation gives a high level overview of the event, including a timeline and high level operational data. This presentation was not included in the posted materials for either the BOD or ORWG. Zachary Sharp (SPP) will notify the ORWG once the materials are posted on spp.org for public consumption.

CJ spoke to the presentation for the remainder of the ORWG's scheduled time on 3/3/2021. The ORWG reconvened on 3/4/2021 to continue discussing the winter event, and the ORWG's role in regards to the CRSC.

**OPERATING RELIABILITY WORKING GROUP MINUTES**  
3/3/2021 – 3/4/2021

**AGENDA ITEM 10-11 – ACTION ITEM REVIEW**

There were no open action items to review.

**AGENDA ITEM 12 – GENERAL Q&A**

None

**AGENDA ITEM 13 – MEETING SCHEDULE**

- a. 03/17/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint ORWG/MWG Discussion)
- b. 03/31/2021 WebEx (Wed) 0830-1200 (Roadmap Discussion)
- c. 04/1/2021 WebEx (Thurs) 0830-1200
- d. 04/21/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint ORWG/MWG Discussion)
- e. 05/6/2021 WebEx (Thurs) 0830-1200
- f. 05/13/2021 WebEx (Thurs) 1300-1500 (Summer Preparedness Workshop)
- g. 05/19/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint ORWG/MWG Discussion)
- h. 6/3/2021 WebEx (Thurs) 0830-1200
- i. 06/15/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint ORWG/MWG Discussion)
- j. 06/29/2021 WebEx (Tues) 0830-1200
- k. 08/5/2021 WebEx (Thurs) 0830-1200
- l. 09/2/2021 WebEx (Thurs) 0830-1200
- m. 10/7/2021 WebEx (Thurs) 0830-1200
- n. 11/4/2021 WebEx (Thurs) 0830-1200
- o. 12/2/2021 WebEx (Thurs) 0830-1200

**AGENDA ITEM 14 – ADJOURNMENT**

SPP Chair Allen Klassen (Evergy, Inc.) recessed the ORWG at 12:04 PM on 3/3/2021, and adjourned the ORWG at 11:50 AM on 3/4/2021.

Respectfully Submitted,

Zachary Sharp, ORWG Staff Secretary

## **OPERATING RELIABILITY WORKING GROUP MINUTES**

3/3/2021 – 3/4/2021

### **SUMMARY OF ATTACHMENTS:**

ORWG 3/3/2021 – 3/4/2021 Agenda (pg. 7-8)

ORWG Member Attendance (pg. 9)

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## AGENDA

**Administrative Items**

- 1. Call to Order ..... Allen Klassen
- 2. Attendance.....Zachary Sharp
- 3. Antitrust Statement..... Allen Klassen/Zachary Sharp
- 4. Agenda Review ..... Allen Klassen/Zachary Sharp

**Consent Agenda**

- 5. For Consent (Action) ..... Allen Klassen  
     February 3-4, 2021 ORWG Meeting Minutes.....Zachary Sharp

**Pulled from Consent**

**Liaison Reports**

- 6. Liaison Reports (Written Reports and Presentations) ..... Allen Klassen
  - a. PFRTF Activities Update..... Allan George/Daniel Baker
  - OCMTF Activities Update ..... Doug Peterchuck/Will Ragsdale
  - ESRSC Activities Update ..... Allen Klassen
  - Order 2222 TF Activities Update..... Ron Gunderson

**Approval Items and Staff Reports for Discussion**

- 7. Annual MSSC/SMCE Update (Discussion) ..... Trey Rosel
- 8. Partial Load Shed Restoration (Discussion) .....Margaret Quispe
- 9. February 2021 Winter Storm Event (Discussion) .....CJ Brown/All

**Other Items**

**Action Item Review**

- 10. Review of Open and Closure Pending Actions .....Zachary Sharp
- 11. New Action Items.....Zachary Sharp

**Q&A/Open Forum**

12. General Q&A/Open Forum.....All

**Future Meetings**

13. Meeting Schedule.....All

- 03/17/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint Discussion)
- 03/31/2021 WebEx (Wed) 0830-1200 (Strategic Initiative Education Session)
- 04/1/2021 WebEx (Thurs) 0830-1200
- 04/21/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint Discussion)
- 05/6/2021 WebEx (Thurs) 0830-1200
- 05/13/2021 WebEx (Thurs) 1300-1500 (Summer Preparedness Workshop)
- 05/19/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint Discussion)
- 6/3/2021 WebEx (Thurs) 0830-1200
- 06/16/2021 WebEx (Wed) 0900-1200 (Order 2222 Joint Discussion)
- 06/29/2021 WebEx (Tues) 0830-1200
- 08/5/2021 WebEx (Thurs) 0830-1200
- 09/2/2021 WebEx (Thurs) 0830-1200
- 10/7/2021 WebEx (Thurs) 0830-1200
- 11/4/2021 WebEx (Thurs) 0830-1200
- 12/2/2021 WebEx (Thurs) 0830-1200

**Adjournment**..... Allen Klassen



ORWG Member Attendance:

Name	Company	Role	3/3/2021	3/4/2021
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 McMenemy	Xcel Energy	Member	✓	✓
Chance Myers	Western Farmers Electric Cooperative	Member	✓	✓
Doug Peterchuck	Omaha Public Power District	Member	✓	✓
Gary Plummer	Independence Power & Light	Member	✓	
David Pham	Liberty Utilities	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	✓	✓