



Southwest Power Pool, Inc.
OPERATING RELIABILITY WORKING GROUP
Net Conference
Thursday June 04, 2020 8:30 AM – 12:00 PM (CST)

• A c t i o n I t e m s a n d V o t i n g R e c o r d •

ACTION ITEM: Return to ORWG with clarifying language around MSSC and SMCE.

Agenda Item 5 – Consent Agenda “May 5, 2020 ORWG Meeting Minutes.”

Jeff Wells (Grand River Dam Authority) moved to approve the consent agenda, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 13 – MOD-030 Potential FG Candidates

Jeff Wells (Grand River Dam Authority) moved to approve the MOD-030 Potential FG Candidates, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 14 – MOD-030 Potential FG Candidates

Ron Gunderson (Nebraska Public Power District) moved to approve the TRM Results, and Kyle McMenammin (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.

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• M I N U T E S •

Agenda Item 1 – Call to Order

Chairman Allen Klassen (Evergy, Inc.) called the ORWG to order at 8:31 AM on 6/04/2020.

Agenda Item 2 – Attendance

Jason Tanner (Southwest Power Pool) called attendance and a meeting quorum was reached.

Agenda Item 3 – Antitrust Statement

Jason Tanner (Southwest Power Pool) read the SPP Antitrust Statement.

Agenda Item 4 – Agenda Review and Notification

Allen Klassen (Evergy, Inc.) reviewed the agenda and noted the items that would require action.

Agenda Item 5 – Consent Agenda

The consent agenda contained the May 5, 2020 ORWG Meeting Minutes.

Jeff Wells (Grand River Dam Authority) moved to approve the consent agenda, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 6 - Liaison Reports

6a – PFRTF Activities Update

Allan George (Sunflower Electric Power Corporation) stated that the PFRTF doesn't have any new updates. Progress within the group has slowed down due to bandwidth issues caused by COVID-19 issues. Allan stated that the group plans to meet again at the end of June.

6b - SRTF Activities Update

Jeff Wells (Grand River Dam Authority) stated that the SRTF met on June 2, 2020 and the group is in progress putting together a presentation with a proposal for running multiple islands during restoration. Jeff stated that the SRTF is planning to present the proposal to ORWG in July.

6c - OCMTF Activities Update

Doug Peterchuck (Omaha Public Power District) stated that the OCMTF is currently meeting every two weeks and is currently working on a RR for market buffers. Doug stated that the OCMTF is also working on metrics that the group can review.

Agenda Item 7 – SPP RC Outage Coordination Methodology Equipment Requirements

Brett Springfield (Southwest Power Pool) discussed the SPP RSG language changes in section 1.4 "Minimum Annual Daily Contingency Reserve Requirement" and proposed adjusting the language to reflect what SPP is currently doing in operations. Ron Gunderson (Nebraska Public Power District) stated that it appears that we are changing the language we didn't implement, which is not what ORWG intended. Bryn Wilson (Oklahoma Gas

and Electric) stated that he would like ORWG to review the SMCE language and calculation. Jason Tanner (Southwest Power Pool) suggested taking an action item and returning to ORWG with clarification around the SMCE language. Bryn Wilson (Oklahoma Gas and Electric) stated that guidance should be included in the document to help facilitate to the operators what real-time actions require adjustment. Allen Klassen (Eversource, Inc.) stated that when this topic returns to ORWG he would like to see language that proposes a process that allows ORWG oversight for both MSSC and SMCE.

ACTION ITEM: Return to ORWG with clarifying language around MSSC and SMCE.

Agenda Item 8 – Market Buffers Draft RR

William Ragsdale (Southwest Power Pool) provided an overview of the OCMTF efforts for a revision request related to market buffers. William stated that SPP primarily utilizes the market tools to return the system within its SOLs. William stated that the OCMTF analyzed current and past events with sustained power swings on facilities. William stated the analysis uncovered times when flows on a flowgate exceeded the SOL for extended periods creating a risk to violating NERC Reliability Standard TOP-001-4. William stated that the RR would allow SPP to implement default effective limits that are less than the source ratings, which would lead to more consistency and would enhance the performance of minimizing SOL Exceedances.

Agenda Item 9 – HITT R1 Reports Feedback Request

Charles Cates (Southwest Power Pool) provided a timeline of the HITT R1 – ERS/ORS Reports and requested that ORWG provide comments for each of the R1 reports. Charles stated that he would return to ORWG seeking approval for the R1 reports during the July 2, 2020 ORWG meeting, and is targeting July 15, 2020 for the MOPC review and July 28th for the BOD review.

Agenda Item 10 – Load Shed Testing Review

Garrett Crowson (Southwest Power Pool) discussed and reviewed the findings of the Primary Frequency Response and Inertia (PFR) draft report. Garrett stated that the study assessed where the SPP BA was today and determined the total required primary frequency response that the SPP BA needs to have online in order to operate reliably while providing its share of the Eastern Interconnect required total frequency response to an event of 0.5 Hz deviation. Garrett stated that the analysis found that SPP's estimated historical PFR can fall below the required Interconnection Frequency Response Obligation of 0.5 Hz deviation when limiting the amount of available market headroom.

Agenda Item 11 – HITT S3 Electric Storage Resources Update

Allen Klassen (Eversource, Inc.) discussed the efforts of the HITT S3 assignments and stated that the ORWG recently had a joint call with the SAWG on May 21, 2020 to discuss C1, C2, and C3. Allen stated that we are working on a draft white paper for E4, and that we would be requesting the teams to begin redlining the document deliverable. Allen stated that ORWG would have an education session with the SAWG to discuss capacity accreditation and ELCC on June 16, 2020, and requested ORWG members to attend the session. The ORWG discussed the deadlines associated with each of the recommendations and concluded that for E4 the timeframe could cause a lack of vetting and quality if we don't request extensions.

Agenda Item 12 – HITT S3 Electric Storage Resource Update

Allen Klassen (Eversource, Inc.) discussed HITT S3 Electric Storage Resources and stated that ORWG had formed sub teams to begin working on the high priority items that were assigned to ORWG. Allen stated that coordination is ongoing and ORWG will begin having joint calls with other working groups. Allen stated that the SAWG and ORWG will meet on 5/21/2020 to discuss C1, C2, and C3. (Jason Tanner (Southwest Power Pool) reviewed a

tracking spreadsheet and stated that ORWG would use it as a tool to coordinate comments and concerns between groups. Jason stated that the spreadsheet would be posted and maintained on the ORWG website in the documents folder.

Agenda Item 13 – MOD-030 Potential FG Candidates

The ORWG went into Executive Session to discuss the market sensitive item “MOD-030 Potential FG Candidates”.

Jeff Wells (Grand River Dam Authority) moved to approve the MOD-030 Potential FG Candidates, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 14 – TRM Results

The ORWG went into Executive Session to discuss the market sensitive item “TRM Results”.

Ron Gunderson (Nebraska Public Power District moved to approve the TRM Results, and Kyle McMenamin (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 13 – ORWG Member Topic List

The ORWG member topic list was provided in the meeting material packet.

Agenda Item 14 – Review of Open and Closure Pending Actions

The action item list was provided in the meeting material packet.

Agenda Item 15 – New Action Items

Jason Tanner (Southwest Power Pool) reviewed the new action items with the ORWG.

Agenda Item 16 – General Q&A/Open Forum

Ron Gunderson (Nebraska Public Power District) discussed the President of the United States Executive Order that prohibits “any acquisition, importation, transfer, or installation of any bulk-power system electric equipment (transaction) by any person, or with respect to any property, subject to the jurisdiction of the United States, where the transaction involves any property in which any foreign country or a national thereof has any interest”. Keith Carmen (Tri-State G&T) noted other industry groups are following this item. There is some concern about impacts on what the order could mean for BES transformers.

Agenda Item 17 – Meeting Schedule

- a. 6/4/2020 WebEx (Thurs) 0830-1200
- b. 7/2/2020 WebEx (Thurs) 0830-1200
- c. 7/30/2020 WebEx MWG Joint Call (Thurs) 0830-1200
- d. 8/6/2020 WebEx (Thurs) 0830-1200
- e. 9/3/2020 WebEx (Thurs) 0830-1200
- f. 9/30 - 10/01/2020 Face-to-Face (Little Rock, AR)(SPP) – CONFIRMED
- g. 11/5/2020 WebEx (Thurs) 0830-1200
- h. 12/3/2020 WebEx (Thurs) 0830-1200

Relationship-Based • Member-Driven • Independence Through Diversity

Evolutionary vs. Revolutionary • Reliability & Economics Inseparable



Agenda Item 18 – Adjournment

Chairman Allen Klassen (Evergy, Inc.) adjourned the ORWG at 12:08 PM on 6/04/2020.

Respectfully Submitted,
Jason Tanner, Secretary



**Operating Reliability Working Group
Meeting Attendance: 06/04/2020
M=Member, G=Guest, S=SPP Staff, P= Proxy**

		Name	Status	Company
x	1	Allen Klassen, Chairman	M	Evergy, Inc.
x	2	Ron Gunderson, Vice Chairman	M	Nebraska Public Power District
x	3	Jim Useldinger	M	South Central MCN
x	4	Gary Plummer	M	City of Independence, MO
x	5	Kyle McMenamin	M	Xcel Energy
x	6	Laurie Gregg	M	Lincoln Electric System
x	7	Allan George	M	Sunflower Electric Power Corporation
x	8	Jeff Wells	M	Grand River Dam Authority
x	9	Mark Eastwood	M	City Utilities of Springfield
x	10	Doug Peterchuck	M	Omaha Public Power District
x	11	Bryn Wilson	M	Oklahoma Gas and Electric Co.
x	12	Chris Shaffer	M	American Electric Power
a	13	David Pham	M	Empire District Electric Company
x	14	Chance Myers	M	Western Farmers Electric Cooperative
x	15	Craig Speidel	M	Western Area Power Administration
x	16	Abu Elteriefi	M	ITC Holdings
x	17	Keith Carman	M	Tri-State G&T
x	18	Ryan Kirk	G	American Electric Power
x	19	Pablo Ruiz		Brattle Group
x	20	Mike Buyce		City Utilities of Springfield
x	21	Jeff Knottek		City Utilities of Springfield
x	22	Seth Cochran		DC Energy
x	23	Steve Gaw		The Wind Coalition
x	24	mzolnierz		Midwest Energy
x	25	Jason Chaplin		Oklahoma Corporation Commission
x	26	Danielle Suppes		Sunflower Electric Power Corporation
x	27	Sean Erickson		Western Area Power Administration
x	28	Gayle Nansel		Western Area Power Administration
x	29	Ron Thompson	G	Nebraska Public Power District
x	30	Ryan Koch	G	Basin Electric Power Cooperative
x	31	Jason Mazigian	G	Basin Electric Power Cooperative
x	32	Chris Lyons	G	Customized Energy Solutions
x	33	John Hare	G	Oklahoma Gas and Electric Co.
x	34	Don Hargrove	G	Oklahoma Gas and Electric Co.
x	35	Neal Faltys	G	Omaha Public Power District
x	36	Tom Mayhan	G	Omaha Public Power District
x	37	Jimmy Wheeler	G	Southwestern Power Administration
x	38	Keeth Works	G	Southwestern Power Administration
x	39	Matt Welch	G	Golden Spread Electric Cooperative
x	40	Carrie Dixon	G	Xcel Energy
x	41	Amanda Underwood	G	Omaha Public Power District
x	42	Jeremy Severson	G	Basin Electric Power Cooperative
x	43	Jason Tanner	S	Southwest Power Pool
x	44	Charles Hendrix	S	Southwest Power Pool
x	45	Charles Cates	S	Southwest Power Pool
x	46	Anthony Cook	S	Southwest Power Pool
x	47	Temper Williams	S	Southwest Power Pool
x	48	Zachary Sharp	S	Southwest Power Pool
x	49	Trey Rosel	S	Southwest Power Pool
x	50	Jason Tanner	S	Southwest Power Pool
x	51	Casey Cathey	S	Southwest Power Pool
x	52	Derek Hawkins	S	Southwest Power Pool
x	53	Erica Brooks	S	Southwest Power Pool
x	54	Abram Harder	S	Southwest Power Pool
x	55	Daniel Baker	S	Southwest Power Pool
x	56	Andrew Davies	S	Southwest Power Pool
x	57	Will Tootle	S	Southwest Power Pool
x	58	Melanie Hill	S	Southwest Power Pool

x	59	Kathryn Dial	S	Southwest Power Pool
x	60	Cody Parker	S	Southwest Power Pool
x	61	bcs0119	S	Southwest Power Pool
x	62	Kevin Bates	S	Southwest Power Pool
x	63	Jef Rooker	S	Southwest Power Pool
x	64	Chris Haley	S	Southwest Power Pool
x	65	Terry Oxandale	S	Southwest Power Pool
x	66	Erin Cathey	S	Southwest Power Pool
x	67	William Ragsdale	S	Southwest Power Pool
x	68	Margaret Quispe	S	Southwest Power Pool
x	69	Scott Aclin	S	Southwest Power Pool