



Southwest Power Pool, Inc.
OPERATING RELIABILITY WORKING GROUP
Net Conference

Thursday September 3, 2020 8:30 AM – 12:00 PM (CST)

• Action Items and Voting Record •

Agenda Item 5a – Consent Agenda (July 30, 2020 ORWG Meeting Minutes and August 6, 2020 ORWG Meeting Minutes.)

Bryn Wilson (Oklahoma Gas and Electric Co.) moved to approve the Consent Agenda, and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 5b – Items Pulled from the Consent Agenda

VRL Analysis:

Doug Peterchuck (Omaha Public Power District) moved to approve the VRL Analysis and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

RR416 Revision Request Process Updates:

Bryn Wilson (Oklahoma Gas and Electric Co.) moved to approve RR416 Revision Request Process, and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 8 – SPP BA Operating Protocols and Attachment AN

Ron Gunderson (Nebraska Public Power District) moved to approve the SPP BA Operating Protocols annual review, and Kyle McMenamain (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.



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Thursday September 3, 2020 8:30 AM – 12:00 PM (CST)

• M I N U T E S •

Agenda Item 1 – Call to Order

Chairman Allen Klassen (Eversource, Inc.) called the ORWG to order at 8:30 AM on 9/03/2020.

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 (Eversource, Inc.) reviewed the agenda and noted the items that would require action.

Agenda Item 5a – Consent Agenda

The consent agenda contained the July 30, 2020 ORWG Meeting Minutes and the August 6, 2020 ORWG Meeting Minutes. Doug Peterchuck (Omaha Public Power District) pulled the VRL Analysis for discussion and Bryn Wilson (Oklahoma Gas and Electric Co.) pulled RR416 for discussion.

Bryn Wilson (Oklahoma Gas and Electric Co.) moved to approve the Consent Agenda, and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 5b – Items Pulled from the Consent Agenda

VRL Analysis:

Thomas Burns (Southwest Power Pool) provided an overview of the VRL analysis and addressed the finding related to the current VRL block. Thomas stated that after increasing the price of the VRL blocks, there was not enough reduction in breaches to overcome the economic impact, and there was not enough economic benefit to justify the increase in breaches by decreasing the price of the VRL blocks. Ron Gunderson (Nebraska Public Power District) stated that the Emergency Limit is not to be exceeded and the market is operating around the limit when it should be operating at or below the limit. Jeff Wells (Grand River Dam Authority) stated that the VRL analysis clearly demonstrates an issue exists that RR414 could fix. Jeff stated that the VRL analysis also demonstrates a need to improve reliability. Thomas stated that running additional analysis to investigate VRL blocks at levels less than the SOL ratings would not be able to be completed during the compliance timeframe.

Doug Peterchuck (Omaha Public Power District) moved to approve the VRL Analysis and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

RR416 Revision Request Process Updates:

Bryn Wilson (Oklahoma Gas and Electric Co.) questioned the communication process related to updates associated with the master list. Bryn asked if the updates would be communicated through the SPP exploders, and Aaron Shipley (Southwest Power Pool) stated that the master list is located on SPP.org and that SPP would not utilize the exploders. Ron Gunderson (Nebraska Public Power District) stated that he would prefer to see

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Evolutionary vs. Revolutionary • Reliability & Economics Inseparable*

more than one day notice before the effective date. Aaron stated that the effective date notification should be communicated in the revision request, however changing the master list early could cause users to acquire governing document language that not in effect.

Bryn Wilson (Oklahoma Gas and Electric Co.) moved to approve RR416 Revision Request Process, and Jeff Wells (Grand River Dam Authority) 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 has met twice since the last ORWG and plans to meet again on October 2, 2020.

6b - SRTF Activities Update

Jeff Wells (Grand River Dam Authority) stated that the SRTF met on August 7, 2020 and the group is focused on closing out the scoped items. Jeff stated that the group is discussing the AGC enhancement and is focused on closing the task force by December 2020.

6c - OCMTF Activities Update

Doug Peterchuck (Omaha Public Power District) stated that RR414 is the primary focus of the group and the task force is planning to bring the revision request to the 9/30 – 10/1/2020 ORWG meeting.

Agenda Item 7 – HITT S3 Recommendation E2

Daniel Harless (Southwest Power Pool) discussed the market modeling options considered for satisfying HITT S3 recommendation E2. Daniel stated that MWG is recommending to utilize the MSR Registration Model option, however Daniel stated that regardless of the market modeling option the reliability model will still model each resource separately. Ron Gunderson (Nebraska Public Power District) stated that the requirements may need to be in the required data specifications opposed to the market protocols. Daniel stated that he would return to ORWG during the 9/30 – 10/1/2020 meeting to seek approval for HITT S3 recommendation E2.

Agenda Item 8 – SPP BA Operating Protocols and Attachment AN

Kim Gorter (Southwest Power Pool) reviewed the BA Operating Protocols V 4.1 and stated that the document is being present for an annual review. Kim also reviewed attachment AN asked the ORWG if any additional changes were necessary. The group stated that if changes were necessary they would have to be submitted in a revision request since it would be a Tariff change.

Ron Gunderson (Nebraska Public Power District) moved to approve the SPP BA Operating Protocols annual review, and Kyle McMenamain (Xcel Energy) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 9 – EOP v7.5

Margaret Quispe (Southwest Power Pool) reviewed the SPP BA Emergency Operating plan version 7.5 and stated that we would be seeking approval for the annual review during the 9/30 – 10/1/2020 ORWG meeting. Margaret stated that the changes in the document include clarifying communications related to Maximum Emergency Generation Alerts. Margaret stated that the alert levels are reorganized based on levels of severity, and the Message 911 is being replaced with a new application, xMatters. Margaret stated that the document also

includes TOP and GOP notifications and adds additional information about issued alerts being used by the media. Margaret stated that staff will need to perform additional analysis regarding the maximum emergency generation alerts and evaluate the distribution list. Ron Gunderson (Nebraska Public Power District) stated that clarity should be provided around which lists are intended only for reliability personnel and which lists can include market personnel.

Agenda Item 10 – HITT M4 Whitepapers

Charles Cates (Southwest Power Pool) provided an overview of the HITT M4 recommendations. Charles stated that he would be seeking ORWG's review of the whitepapers and is requesting edits to the ORWG recommendations to be included in the report. Charles stated that his goal is to have the recommendations approved during the 9/30 – 10/1/2020 meeting followed by going to MOPC during October.

Brett Springfield (Southwest Power Pool) discussed the dynamic line rating (DLR) report and discussed the pros and cons included in the report, and Jeff Wells (Grand River Dam Authority) stated that he see many pros for economics and cons for reliability. Ron Gunderson (Nebraska Public Power District) stated that DLRs could create a risk to public safety, however the liability falls on the transmission owner. Chris Shaffer (American Electric Power) stated that DLRs provide flexibility with could produce a pro for reliability. Ron stated that the flexibility could hide problems causing a delay for a fix. Chris asked if the ratings submission tool could handle dynamic line rating and Brett stated it could.

Temper Williams (Southwest Power Pool) discussed topology optimization and reviewed the cost, pros, and cons associated with the project. Ron stated that he believes the paper is missing risk to radial load. Bryn Willison (Oklahoma Gas and Electric, Co.) stated that labor and overhead should be included since additional evaluation would be required. Jeff Wells (Grand River Dam Authority) questioned if a constraint reconfiguration showed up would it get captured, and Will Tootle (Southwest Power Pool) stated that it would and that it utilizes the persistent operational process. Will stated that the ITP process would assess the reliability and economic needs.

Dustin Courtright (Southwest Power Pool) discussed the cost, pros, and cons of the economic coordination of outages project, and Ron stated that the potential cost to crews should be captured in the report. Keith Carmen (Tri State G&T) stated that decreased reliability caused by deferring maintenance could also be a con. Abu Elteriefi (ITC Holdings) asked if SPP would perform all analysis or would the TOPs have any involvement in the evaluation. Dustin explained that the outage coordinators would work closely with the TOPs. Ron stated that the white papers do not provide a true cost benefit and the description in the white papers should change from cost benefit to analysis. Allen Klassen (Evergy) stated that we may need a special meeting to clean up the white papers.

Agenda Item 11 – HITT S3 Recommendations E4, Tx1, C1-C3

Jason Tanner (Southwest Power Pool) stated that due to timing he would create a special meeting on 9/17/2020 from 1-5 to discuss this topic.

Agenda Item 16 – ORWG Member Topic List

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

Agenda Item 17 – Review of Open and Closure Pending Actions

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



Agenda Item 18 – New Action Items

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

Agenda Item 19 – General Q&A/Open Forum

Agenda Item 20 – Meeting Schedule

- a. 9/17/2020 WebEx (Thurs) 1300 -1700
- b. 9/30/2020 WebEx (Wed) 0830-1200
- c. 10/1/2020 WebEx (Thurs) 0830-1200
- d. 11/5/2020 WebEx (Thurs) 0830-1200
- e. 12/3/2020 WebEx (Thurs) 0830-1200
- f. 01/7/2021 WebEx (Thurs) 0830-1200
- g. 02/3/2021 WebEx (Wed) 0830-1200
- h. 02/4/2021 WebEx (Thurs) 0830-1200
- i. 03/3/2021 WebEx (Wed) 0830-1200
- j. 03/4/2021 WebEx (Thurs) 0830-1200
- k. 04/1/2021 WebEx (Thurs) 0830-1200
- l. 5/5 – 5/6/2021 Face to Face (Tulsa, OK)(GRDA) – Tentative
- m. 6/3/2021 WebEx (Thurs) 0830-1200
- n. 06/29/2021 WebEx (Tues) 0830-1200
- o. 08/5/2021 WebEx (Thurs) 0830-1200
- p. 09/1 – 9/2/2021 Face to Face (Amarillo, TX)(Xcel Offices) – Tentative
- q. 10/7/2021 WebEx (Thurs) 0830-1200
- r. 11/4/2021 WebEx (Thurs) 0830-1200
- s. 12/2/2021 WebEx (Thurs) 0830-1200

Agenda Item 19 – Adjournment

Chairman Allen Klassen (Eversource, Inc.) adjourned the ORWG at 12:19 PM on 9/03/2020.

Respectfully Submitted,
Jason Tanner, Secretary



Operating Reliability Working Group
Meeting Attendance: 09/03/2020
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
x	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	Kevin Ma	P	Oklahoma Gas and Electric Co.
x	19	Ryan Kirk	G	American Electric Power
x	20	Loren Ditsch	G	Omaha Public Power District
x	21	Tyler Springer	G	American Electric Power
x	22	Ryan Koch	G	Basin Electric Power Cooperative
x	23	Jason Mazigian	G	Basin Electric Power Cooperative
x	24	Pablo Ruiz	G	Brattle Group
x	25	Jim Krajecki	G	Customized Energy Solutions
x	26	Chris Lyons	G	Customized Energy Solutions
x	27	Ron Thompson	G	Nebraska Public Power District
x	28	John Allen	G	City Utilities of Springfield
x	29	Mike Buyce	G	City Utilities of Springfield
x	30	Seth Cochran	G	DC Energy
x	31	Matthew Keenan	G	Enel
x	32	Neal Faltys	G	Omaha Public Power District
x	33	Jeff Knottek	G	City Utilities of Springfield
x	34	Eli Nyambegera	G	Sunflower Electric Power Corporation
x	35	Ann Beasley	G	American Electric Power
x	36	Ann Coultas	G	Enel
x	37	Kelly Turner	G	City Utilities of Springfield
x	38	Chris Bultsma	G	Western Area Power Administration
x	39	John Hare	G	Oklahoma Gas and Electric Co.
x	40	Tom Mayhan	G	Omaha Public Power District
x	41	Danielle Suppes	G	Sunflower Electric Power Corporation
x	42	Tanner New	G	Sunflower Electric Power Corporation
x	43	Jimmy Wheeler	G	Southwestern Power Administration
x	44	Adam Schieffer	G	Omaha Public Power District
x	45	Keeth Works	G	Southwestern Power Administration
x	46	Marc Gomez	G	Southwestern Power Administration
x	47	Rodica Donaldson	G	EDF Renewables
x	48	Ben Hammer	G	Western Area Power Administration
x	49	Carrie Dixon	G	Xcel Energy
x	50	Jason Tanner	S	Southwest Power Pool
x	51	Andrew Davies	S	Southwest Power Pool
x	52	Daniel Harless	S	Southwest Power Pool
x	53	Temper Williams	S	Southwest Power Pool
x	54	Kevin Bates	S	Southwest Power Pool
x	55	Thomas Burns	S	Southwest Power Pool
x	56	Patrick deLassus	S	Southwest Power Pool
x	57	Cody Parker	S	Southwest Power Pool
x	58	Cristie Arnold	S	Southwest Power Pool

x	59	Aaron Shipley	S	Southwest Power Pool
x	60	Gary Cate	S	Southwest Power Pool
x	61	Raleigh Mohr	S	Southwest Power Pool
x	62	Anthony Cook	S	Southwest Power Pool
x	63	Loren Perley	S	Southwest Power Pool
x	64	Chase Harrod (SPP)	S	Southwest Power Pool
x	65	Charles Cates	S	Southwest Power Pool
x	66	Jason Russell	S	Southwest Power Pool
x	67	Brett Springfield	S	Southwest Power Pool
x	68	Michael McCann	S	Southwest Power Pool
x	69	Frank Flores	S	Southwest Power Pool
x	70	Dustin Courtright	S	Southwest Power Pool
x	71	Derek Hawkins	S	Southwest Power Pool
x	72	Jeff Rooker	S	Southwest Power Pool
x	73	Terry Oxandale	S	Southwest Power Pool
x	74	Scott Aclin	S	Southwest Power Pool
x	75	Will Tootle	S	Southwest Power Pool
x	76	Kim Gorter	S	Southwest Power Pool
x	77	Zachary Sharp	S	Southwest Power Pool
x	78	William Ragsdale	S	Southwest Power Pool
x	79	Margaret Quispe	S	Southwest Power Pool