



Southwest Power Pool, Inc.
OPERATING RELIABILITY WORKING GROUP
Net Conference
Thursday November 05, 2019 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: Staff to develop an acceptable solution for how ratings data is communicated and return to ORWG in December.

ACTION ITEM: Staff to return to ORWG with a conservative operations notification and generation alert that explains what SPP's needs are.

Agenda Item 9 – PRC-012-2 RAS Review/Approval Process

Allan George (Sunflower Electric Power Corporation) moved to approve PRC-012-2 as presented and Jeff Wells (Grand River Dam Authority) 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 (Westar Energy, Inc.) opened the meeting at 8:30 AM on 11/05/2019.

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

Agenda Item 5a – Consent Agenda

Allen Klassen (Westar Energy, Inc.) discussed the consent agenda, which included the October 2019 ORWG Meeting Minutes, and Bryn Wilson (Oklahoma Gas and Electric) requested to pull the minutes.

Agenda Item 5b – Items Pulled from the Consent Agenda

October 2019 ORWG Meeting Minutes

Bryn Wilson (Oklahoma Gas and Electric) requested to pull the minutes to add additional language for agenda item 8 – TOP-003 Operating Model Re-Work. The ORWG decided that the October meeting minutes would move to the December meeting for approval.

Agenda Item 6 - Liaison Reports

6a - PFRTF Activities Update

Daniel Baker (Southwest Power Pool) stated that the PFRTF has several ongoing activities, however they are currently waiting on the direction from the HITT initiatives. Daniel stated that the task force is monitoring the BAL-003 drafting team activities and is working on a survey. Daniel state that the PFRTF could potentially leverage data from the GOP survey to minimize the number of surveys that SPP sends out. Daniel stated that the PFRTF is also working on a midterm report and following the Australian discussions related to inertia verses primary frequency response.

6b - SRTF Activities Update

Jeff Wells (Grand River Dam Authority) stated that the group is on pause until January due to staff availability that is currently being consumed by the West RC project. Jeff stated that the SRTF staff secretary Garrett Crowson (Southwest Power Pool) will be taking a new position and Zachary Sharp (Southwest Power Pool) will be assuming his role.

6c - OCMTF Activities Update

Doug Peterchuck (Omaha Public Power District) Stated that the OCMTF has discussed concerns related to VER behavior, and how reliability could be improved through the use of margin error buffers. Doug stated that the

Relationship-Based • Member-Driven • Independence Through Diversity

Evolutionary vs. Revolutionary • Reliability & Economics Inseparable

group has discussed market to market software logic and heard presentations from the Congestion Management and Seams Task Force under the Western Reliability Working Group.

Agenda Item 7 – RR 306 Multi-Day Minimum Run Time

Erin Cathey (Southwest Power Pool) stated that SPP is withdrawing RR306 and explained that the revision request was designed to address a potential Make-Whole Payment (MWP) gaming issue identified by the SPP MMU in the 2014 Annual State of the Market (ASOM) report. Erin stated that a new revision request was submitted RR382 which does the same thing as RR306, however the language in RR382 clarifies some of the disjointed paragraphs in RR306. Erin stated that RTWG and MWG has approved RR382 and asked if ORWG would like to see the RR. ORWG did not express any interest for reviewing RR382.

Agenda Item 8 – Ratings Submission Tool Enhancement Proposal

JJ Guo (American Electric Power) discussed the timely posting of transmission changes for monitored flowgates and explained that the delayed communication of critical transmission changes causes market efficiency impacts. JJ stated that the delayed communication also causes bad ARR nominations, incorrect TCR managements, and ineffective virtual bidding. JJ recommended that that we timely reflect rating changes in SWPP_Flowgates file, the file be updated when rating changes are modeled in energy markets, and new rating changes be added to the file. JJ also recommend that SPP Inform market participants of the changes to the file via email, and timely reflect rating changes in ARR/TCR models. Ron Gunderson (Nebraska Public Power District) ask since SPP is now using dynamic line ratings how would the communications work with ratings that change in real time. Charles Cates (Southwest Power Pool) stated that we could consider using the rating submission tool (RST). Charles stated that the RST could be opened to a broader audience. Members had some concerns with Standards of Conduct issues if the RST was opened to market participants. Jeff Wells (Grand River Dam Authority) asked how a market participant can go 11 months without knowing a rating has changed. Micha Baily (Southwest Power Pool) explained that the TCP annual process produces a snap shot 45 days prior to December 1. The ORWG recommended that staff return with an acceptable solution for how ratings should be communicated to market participants. It was recommended staff consult SPP legal to make sure there are no issues with the proposal.

ACTION ITEM: Staff to develop an acceptable solution for how ratings data is communicated and return to ORWG in December.

Agenda Item 9 – PRC-012-2 RAS Review/Approval Process

Neil Robertson (Southwest Power Pool) discussed the requirements for the Reliability Coordinator and Planning Coordinator in NERC Reliability Standard PRC-012-2 process document for the eastern interconnection. Neil stated that the document clears up the approval process for remedial action schemes (RAS). Neil stated that SPP is planning to follow the PRC-012-2 standard down to the letter. Neil stated that in section 2.5 it states, “after an initial RC review the SPCWG, TWG, and ORWG will be requested to provide a recommendation on any new, functionally modified, or retiring RAS”. Ron Gunderson (Nebraska Public Power District) asked who has final say so over the installation of a RAS. Neil explained that SPP does. However, Neil stated that SPP will not make the determination on what constitutes a RAS and Neil explained that a SAR is need to clarify the gap. Neil stated that April 1, 2020 is the expected implementation date and existing RAS will need to submit data in the new format, however they will be grandfathered.

Allan George (Sunflower Electric Power Corporation) moved to approve PRC-012-2 as presented and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion carried without opposition or abstention.

Agenda Item 10 – MOPC Conservative Ops Action Item

Garrett Crowson (Southwest Power Pool) discussed the causes of generation outages and explained resource adequacy concern, which is the discrepancies between real-time and planned capacity. Garrett explained the generator outage coordination process, seams coordination process, and discussed potential process improvements. Ron Gunderson (Nebraska Public Power District) asked if we have an understanding on why we are seeing a reduced number of conservative operations. Garrett stated that he believes it's due to the time of year. Jeff Wells (Grand River Dam Authority) stated that he is looking for SPP to be specific with its expectations from TOP's regarding its generation alerts and requested that SPP bring back an example operations notification that specifically identifies what actions SPP is requesting of the entities.

ACTION ITEM: Staff to return to ORWG with a conservative operations notification and generation alert that explains what SPP's needs are.

Agenda Item 11 – Winter Readiness Survey

Scott Aclin (Southwest Power Pool) showed the winter readiness generation survey and explained that he is looking for assistance with contacting the GOP's. Ron asked if the market participants know who the GOP's are for each of the units. John Allan (City Utilities of Springfield, MO) stated that Ryan Stewart (NERC) should have a registration list.

Agenda Item 12 – Operating Instructions

Terry Oxandale (Southwest Power Pool) stated that NERC doesn't state when an operating instruction must be given. However, we have the responsibility to ensure reliability is upheld. Terry asked when does having a discussion change to issuing a command. Ron Gunderson (Nebraska Public Power District) stated when you tell someone to change or preserve the state of the system you are issuing an operating instruction. Laurie Gregg (Lincoln Electric System) stated that discussion could become very gray. However, if you tell someone to make a system change then it should be considered an operating instruction. Terry gave an example of a generator asking what their setpoint was in the MOI. Some entities believe when SPP tells them what the setpoint is they are being given an operating instruction. SPP does not believe they are, simply relaying information. The group generally agreed that providing information should not be considered an operating instruction.

Other Items:

Agenda Item 13 – ORWG Member Topic List

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

Action Item Review:

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

Agenda Item 17 – Meeting Schedule

- a. 12/3/2019 WebEx (Thurs) 0830-1200
- b. 1/07 - 1/08/2020 Face-to-Face (Denver, CO)(Xcel) – CONFIRMED
- c. 2/6/2020 WebEx (Thurs) 0830-1200
- d. 3/5/2020 WebEx (Thurs) 0830-1200
- e. 4/08 - 4/09/2020 Face-to-Face (Amarillo, TX)(Xcel) – CONFIRMED
- f. 5/7/2020 WebEx (Thurs) 0830-1200
- g. 6/4/2020 WebEx (Thurs) 0830-1200
- h. 6/30 - 7/01/2020 Face-to-Face (Tulsa, OK)(GRDA) – CONFIRMED
- i. 8/6/2020 WebEx (Thurs) 0830-1200
- j. 9/3/2020 WebEx (Thurs) 0830-1200
- k. 9/30 - 10/01/2020 Face-to-Face (Little Rock, AR)(SPP) – CONFIRMED
- l. 11/5/2020 WebEx (Thurs) 0830-1200
- m. 12/3/2020 WebEx (Thurs) 0830-1200

Agenda Item 20 – Adjournment

Chairman Allen Klassen (Westar Energy, Inc.) adjourned the ORWG at 11:50 AM (CST) on 11/05/2019.

Respectfully Submitted,
Jason Tanner, Secretary



Operating Reliability Working Group
Meeting Attendance: 11/05/2019
M=Member, G=Guest, S=SPP Staff, P= Proxy

		Name	Status	Company
x	1	Allen Klassen, Chairman	M	Westar Energy
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	Mark Eastwood	P	City Utilities of Springfield
x	19	Gary Plummer	G	City of Independence, MO
x	20	Kevin Ma	G	Oklahoma Gas and Electric Co.
x	21	Jimmy Wheeler	G	SouthWestern Power Administration
x	22	JJ Guo	G	American Electric Power
x	23	Tom Mayhan	G	Omaha Public Power District
x	24	Seth Cochran	G	DC Energy
x	25	Ryan Kirk	G	American Electric Power
x	26	Brittany Gray	G	Xcel Energy
x	27	Ron Thompson	G	Nebraska Public Power District
x	28	Tyler Springer	G	American Electric Power
x	29	John Allen	G	City Utilities of Springfield
x	30	Ben Hammer	G	Western Area Power Administration
x	31	Baryaley Sharwani	G	Western Area Power Administration
x	32	Jason Mazigian	G	Basin Electric Power Cooperative
x	33	Chris Lyons	G	Customized Energy Solutions
x	34	Jason Tanner	S	Southwest Power Pool
x	35	Charles Cates	S	Southwest Power Pool
x	36	Brett Springfield	S	Southwest Power Pool
x	37	Kathryn Dial	S	Southwest Power Pool
x	38	Garrett Crowson	S	Southwest Power Pool
x	39	Terry Oxandale	S	Southwest Power Pool
x	40	Melissa Rinehart	S	Southwest Power Pool
x	41	Margaret B. Quispe	S	Southwest Power Pool
x	42	Chris Davis	S	Southwest Power Pool
x	43	Derek Hawkins	S	Southwest Power Pool
x	44	Erica Brooks	S	Southwest Power Pool
x	45	Erin Cathey	S	Southwest Power Pool
x	46	Greg Reed	S	Southwest Power Pool
x	47	Jef Rooker	S	Southwest Power Pool
x	48	Michael Ray	S	Southwest Power Pool
x	49	Jerry Stone	S	Southwest Power Pool
x	50	John Gunter	S	Southwest Power Pool
x	51	Scott Aclin	S	Southwest Power Pool
x	52	Micha Bailey	S	Southwest Power Pool

x	53	Michael McCann	S	Southwest Power Pool
x	54	Jim Williams	S	Southwest Power Pool
x	55	Neil Robertson	S	Southwest Power Pool