



Southwest Power Pool, Inc.
OPERATING RELIABILITY WORKING GROUP
Teleconference
July 07, 2015 8:30 - 12:00 p.m. (CST)

• A c t i o n I t e m s •

- 1. ACTION ITEM: Jason Smith (SPP) will research the testing timeline requirements for RR58 and report back to ORWG.**
- 2. ACTION ITEM: SPP to discuss publishing an OOME RR FAQ and return to ORWG.**

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• M I N U T E S •

Agenda Item 1 – Administrative Items/Review Agenda

Chairman Jim Useldinger (KCPL) opened the meeting at 8:35 am.

Casey Cathey (SPP) made a request to adjust the agenda by moving item 5 “RR 100 Gas-Electric Coordination Market Timeline Changes” to item 3 and item 10 “COM-002-4 discussion” before the “OOME RR” items since the topics are related. Jim Useldinger (KCPL) agreed.

Jim Useldinger (KCPL) announced the ORWG resignation of Mike Wech (SPA), and recognized Mike for his accomplishments and value he provided to the ORWG.

Agenda Item 2 – Approve Previous Minutes

Chairman Jim Useldinger (KCPL) asked the ORWG if they were prepared to approve the meeting minutes for June 3rd & 4th, 2015.

Todd Gosnell (OPPD) moved to approve the minutes from June 3rd & 4th, 2015. Steve Haun (LES) seconded the motion. The motion passed unanimously.

Agenda Item 3 – RR 100 Gas-Electric Coordination Market Timeline Changes

Jodi Woods (SPP) presented the market timeline changes defined in revision request 100. Jodi stated that the market timeline changes in the revision request are to comply with FERC Order 206. The language in the revision request was cleaned up to define just the timeline, so future changes will not require a number of protocol changes. The changes included moving the Day-Ahead Market timeline to close at 09:30 day-ahead and post at 1400. The reoffer period between Day Ahead Market and Day Ahead RUC will change to 45 minutes. The DA RUC timeline will close at 14:45 and complete by 17:15. Jodi stated that all DA Market offers will need to be submitted by 0930 day-ahead for consideration, and all RTBM offers for DA RUC consideration must be update by 1445 day-ahead. The proposed changes will not provide Day-Ahead Market results prior to the 1300 timely gas nomination, but it will allow for the Day-Ahead Market and Day-Ahead RUC commitments to be provided prior to the evening gas nomination. The revision request is designed to be an incremental step, with the long term goal being to post market results prior to the Timely Gas Nomination. Steve Haun (LES) stated the he is not in favor of this revision request because the change does not create benefit that outweighs the risk. Rob Janssen (Dogwood Energy) stated the revision request is more of a compromise to begin moving in the direction of adjusting the timeline prior to the Timely Gas Nomination. Casey Cathey (SPP) commented that the revision request does not contain any reliability related issues.

Greg McAuley (OKGE) moved to approve RR 100. Paul Lampe (INDN) seconded the motion.

Kyle McMenamain (XCEL) Abstained.

“The reason for our neutral position is that it is difficult to quantify the benefits and costs of the change. Changing factors may create positive or negative impact on any given day.

Generally, we see potential benefits in the changes because it will provide more information on the gas purchase side – we will know the quantity of gas needed following the earlier day ahead reliability clearing prior to the evening nomination cycle. However, there are additional risks on the bidding side – The earlier time means there would be less time for price formation and we may not have as much information in terms of outages, generation, forecasts, etc. to make accurate bids.”

Steve Haun (LES) Opposed.

“I voted No on RR100 due to the following

- I wanted to support my MWG Member who voted no on RR100. The vote at the MWG was 7 – 5 for.
- I feel that this does have some reliability issues. Moving the DA forward just a few hours does increase the “staleness” of the next day’s load forecast, wind forecast, etc. Perhaps not so much for the RUC, but it does for the DA.
- RR100 doesn’t do a thing for LES. The close of the DA a few hours earlier doesn’t help LES meet the timing requirements for next day gas nominations.
- This is just an interim change. “In a few years” we would be able to meet better the timing requirements for the gas day. I would suggest not doing this intermediate step.”

The motion passed.

Agenda Item 4 – RR 58 Revise SPP Criteria Section 12.1 for EIA 411 Reporting

Derek Hawkins (SPP) presented the revised SPP Criteria for section 12.1. The SPP Criteria edits are to support EIA-411 reporting and planning activities. Derek stated that NERC has issued a new Standard MOD-025-2 that covers the verification and data reporting of generator real and reactive power capability and synchronous condenser reactive power capability. The standard will become effective July 1, 2016. Derek stated that the new standard does not cover seasonality, ambient testing conditions, or the need for an operational testing which is critical for obtaining the proper generator accreditation capability for EIA-411 reporting and planning activities. The timing on this revision is to not only meet the MOD-025-2 timeline but to also provide generators sufficient time to budget and plan for testing of their units in 2016. Jim Useldinger (KCPL) said the revision request is not needed until July 1, 2016 due to the effective date of the NERC standard. Jim asked for clarification why this revision request being presented a year early. Derek Hawkins (SPP) responded that GWG would like to take the revision request to MOPC in October, so they could budget for testing. Jason Smith (SPP) discussed the implementation plan. Jason stated that 20% of resources should be tested by July 1, 2017 and 40% by July 1, 2018. Jim Useldinger (KCPL) said ORWG has concerns about the gap between MOD-025-2 and SPP Criteria, and to address questions ORWG will table RR58 until a future ORWG meeting.

ACTION ITEM: Jason Smith (SPP) will research the testing timeline requirements for RR58 and report back to ORWG.

Agenda Item 5 – RR 99 Short Term RUC with Quick Start Carve Out

Jared Greenwalt (SPP) presented RR 99 and explained that the revision request is just another type of intra-day RUC. Jared explained the differences between this revision request and the previous version, stated that the revision request removed the quick start language. The revision request allows SPP to execute a short-term Intra-Day RUC study as needed to assess resource adequacy over the next 120-minute period as part of the Intra-day process. Jared stated that asset owners may notify SPP through registration that its quick start resources should not receive start-up or shut-down instructions from the

short-term intra-day RUC process unless it's to resolve a reliability related issue that cannot be addressed through directly within the SCUC algorithm. Jim Useldinger (KCPL) noted that ORWG didn't have any objections to the previous version.

John Stephens (SPRM) moved to approve RR 99 short term RUC with quick start carve out.

Paul Lampe (INDN) seconded the motion.

The motion passed unanimously.

Agenda Item 6 – RR 97 Improved Notifications for Telemetry & Control Status

Neil Robertson (SPP) discussed the posted comments submitted for revision request 97, and showed that SPP added language that states "SPP will e-mail notifications of SPP ICCP outages 30 minutes prior". Jim Useldinger (KCPL) commented that outages expected to exceed 30 minutes are required to submit to the RC and receive approval from the reliability coordinator. Jim expressed concerns that approvals are not being received in a timely manner. The group worked to redline the outage scheduling information table for the ICCP Link and Telemetry and Control System sections. Through the discussions with ORWG Darrel Yohnk (ITC) made the suggestion to combine both sections into a single section. Neil facilitated the changes with the group, and Allan George (SECI) requested doing an e-mail vote on to give all parties time for internal review of the changes. The group agreed and set a date to vote on July 21, 2015.

Agenda Item 7 – COM-002-4 Discussion

Terry Oxandale (SPP) presented how SPP will meet the COM-002-4 standard. Terry stated that our current draft procedures replace the term "Directive" with the term "Operating Instruction" John Stephens (SPRM) ask how we differentiate between a directive and an operating instruction. Terry suggested that all operating instructions will use three way communications, and it will be up to the RC to ensure the operating instructions are issued and received in a clear and concise manor. Jason Smith (SPP) commented that according to NERC a directive is a type of operating instruction, and that all actions should use three part communications. Jason went on to explain the difference between emergency and non-emergency operating instructions. In the event of an emergency the RC should clearly discuss through communications if the operating instruction is an emergency. Emergency operating instructions will require three part communications and they are subject to audit enforcement, and non-emergency operating instructions will require three part communications, but will require review and training where deficiencies occur.

Agenda Item 8 – OOME RR

Raleigh Mohr (SPP) discussed the changes to the OOME logic, which contains the cap/floor logic. He also discussed the revision request enhancement to the operating procedure. Raleigh stated that the revision request will provide clarification to correction of dispatch and set point instructions for VERS. Additional changes include clarification of the OOME process and manual dispatch instructions, and enhancement to the OOME operating procedure. Raleigh provided a scenario to help explain the OOME logic and how offers should be offered in and explained the actions required from the operators. Raleigh stated that by entering an OOME CAP MW and OOME Floor MW offer the SCED will be capable of dispatching between the limits in RTBM. Resources will be required to operate within the range and SCED will use the OOME Cap and OOME Floor as the effective minimum and effective maximum. Raleigh stated the enhancements will provide SCED and the operator flexibility and allow economic dispatching

by SCED during an OOME. Raleigh discussed the set point instructions for VERs and manual dispatch instructions. He also discussed briefly the difference between reliability directive and operating instruction. Raleigh stated that with the new definition SPP will be able to differentiate between OOME, manual dispatch instruction, reliability directive, and operating instruction.

ACTION ITEM: SPP to discuss publishing an OOME RR FAQ and return to ORWG.

Agenda Item 9 – Outage Metrics Update

This item was tabled until a future ORWG meeting.

Agenda Item 10 – Regulation Performance Update

This item was tabled until a future ORWG meeting.

Agenda Item 11 – COM-001-2 discussion

This item was tabled until a future ORWG meeting.

Agenda Item 12 – TOP-004-R3

This item was tabled until a future ORWG meeting.

Agenda Item 13 – RR 96 Transmission Outage Timing Requirements Notification

This item was tabled until a future ORWG meeting.

Agenda Item 22 – ORWG Action Item Review

Jason Tanner (SPP) reviewed the previous action items, and stated he would like to add action item 36 to the agenda for the July ORWG meeting.

Agenda Item 23 – Other Items

No Item were added.

Agenda Item 24 – Meeting Schedule

- a. 8/6/2015 WebEx (Thurs) 0930-1200
- b. 9/2-3/2015 Face-to-Face (Little Rock)
- c. 10/8/2015 WebEx (Thurs) 0930-1200
- d. 11/5/2015 WebEx (Thurs) 0930-1200
- e. 12/3/2015 WebEx (Thurs) 0930-1200

Agenda Item 25 – Summary of Action Items

See Page 1 Action Item list.



Agenda Item 26 – Adjourn

Chairman Jim Useldinger (KCPL) adjourned the ORWG at 12:12 PM.

Respectfully Submitted,

Casey Cathey
Secretary



Operating Reliability Working Group

Meeting Attendance: 7/07/2015

M=Member, G=Guest, S=SPP Staff, P= Proxy

	Name	Status	Company
1	Jim Useldinger, Chariman	M	Kansas City Power & Light
2	Allen Klassen, Vice-Chairman	M	Westar Energy
3	Allan George	M	Sunflower Electric Power
4	Darrel Yohnk	M	ITC Great Plains
5	Dennis Sauriol	M	American Electric Power
6	Greg McAuley	M	Oklahoma Gas & Electric
7	John Stephens	M	City Utilities of Springfield Missouri
8	Kyle McMenamin	M	Xcel Energy
9	Paul Lampe	M	City of Independence
10	Steve Haun	M	Lincoln Electric System
11	Walter (Todd) Gosnell	M	Omaha Public Power District
12	Brandon Levander	P	Nebraska Public Power District
13	Mike Anderson	P	American Electric Power
14	Amber Metzker	G	Xcel Energy
15	Bryn Wilson	G	Oklahoma Gas & Electric
16	Carrie Simpson	G	Invenergy
17	David Pham	G	Empire District
18	Gary Plummer	G	City of Independence
19	Jeff Wells	G	Grand River Dam Authority
20	Jim Krajecki (CES)	G	Customized Energy Solutions, LTD
21	Jim Nail	G	City of Independence
22	John Allen (SPRM)	G	City Utilities of Springfield
23	Lori Frisk-Thompson	G	Oak Bridge Business Solutions
24	Louis Guidry (Cleco)	G	Cleco
25	Mark Eastwood	G	City Utilities of Springfield Missouri
26	matthew stoltz	G	Basin Electric Power Cooperative
27	Mike Grimes	G	EDP Renewables North America LLC
28	Mike Murray	G	City of Independence
29	Mike Wech	G	Southwestern Power Administration
30	Rob Janssen	G	Dogwood Energy
31	Robert Hirchak (Cleco)	G	Cleco
32	Seth Cochran	G	DC Energy Midwest
33	Sheldon Hunter	G	Sunflower Electric Power
34	Sing Tay	G	Oklahoma Gas & Electric
35	Steve Gaw	G	Wind Capital Group
36	Terry Gates	G	American Electric Power
37	Tom Mayhan	G	Omaha Public Power District
38	Carl Stelly	S	Southwest Power Pool



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	Name	Status	Company
39	Casey Cathey, Staff Secretary	S	Southwest Power Pool
40	Derek Hawkins	S	Southwest Power Pool
41	Jared Greenwalt	S	Southwest Power Pool
42	Jason Smith	S	Southwest Power Pool
43	Jason Tanner	S	Southwest Power Pool
44	Jerry Stone	S	Southwest Power Pool
45	John Gunter	S	Southwest Power Pool
46	Kathy Myhand	S	Southwest Power Pool
47	Margaret Adams	S	Southwest Power Pool
48	Marisa Choate	S	Southwest Power Pool
49	Micha Bailey	S	Southwest Power Pool
50	Neil Robertson	S	Southwest Power Pool
51	Terry Oxandale	S	Southwest Power Pool
52	Thomas Teafatiller	S	Southwest Power Pool RE