

Southwest Power Pool, Inc.
OPERATING RELIABILITY WORKING GROUP

Net Conference
February 04, 2016 8:30 - 12:00 PM (CST)

• Action Items and voting record •

1. SPP will test the portal and XML system capabilities as a backup to the redundant ICCP connections for MPs to access Resource Dispatch Instructions.

Consent Agenda

Todd Gosnell (Omaha Public Power District) moved to approve the Consent Agenda, and Jeff Wells (Grand River Dam Authority) seconded the motion. The motion was approved without opposition or abstention.

RR145 OOME Clarification

Ron Gunderson (Nebraska Public Power District) moved to approve RR145 upon a review of the use of the term "OOME" as an instruction and not as just energy in both the SPP Tariff and Market Protocols to ensure no unintended consequences exist in the current proposed language. Todd Gosnell (Omaha Public Power District) seconded the motion, and the motion passed with no opposition and two abstentions John Stephens (City Utilities of Springfield) and Jim Useldinger (GridLiance).

RR141 SOL Methodology Revisions "TWG Changes"

Jeff Wells (Grand River Dam Authority) moved to approve RR141 as amended by the ORWG, and Darrel Yohnk (ITC Holdings) seconded the motion. The motion was approved without opposition or abstention.

RR140 30 Minute Standardization of Ratings

Jeff Wells (Grand River Dam Authority) moved to approve RR140 as amended by the ORWG, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion passed with David Pham (Empire District Electric Company) opposing and no abstentions.

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• M I N U T E S •

Administrative Items / Attendance / Agenda Review

Chairman Allen Klassen (Westar Energy, Inc.) opened the meeting at 8:33 AM (CST) on 2/4/2016. Jason Tanner (Southwest Power Pool) called attendance. Allen Klassen reviewed the agenda and noted the approval items that would require action.

Consent Agenda

Chairman Allen Klassen (Westar Energy, Inc.) asked the ORWG if they were prepared to approve the Consent Agenda, which contains the January meeting minutes, RR137, RR146, and the SPP MOPC RR process document.

Todd Gosnell (Omaha Public Power District) moved to approve the consent agenda. Jeff Wells (Grand River Dam Authority) seconded the motion. The motion passed without opposition or abstention.

Liaison Reports

Capacity Deficiency Load Shed Test Reminder (Feb 25/Mar 31)

Jason Tanner (Southwest Power Pool) reminded ORWG of the capacity deficiency load shed test dates and gave a brief update. Jason explained that the first test overall had positive feedback, but SPP will need to edit the blast call script to clarify that SPP will contact each TOP directly. Jason stated that 7 TOPs were contacted to provide 501 MWs and 5 TOPs replied with simulated amounts totaling 470 MWs. Through discussion the ORWG would like to have a carbon copy of the pilot list sent to the ORWG exploder.

Wind Integration Study (WIS) Status Update

Jason Tanner (Southwest Power Pool) presented a status update for the Wind Integration Study (WIS). Jason provided the dates for the upcoming Wind Summit meeting and notified the group that Casey Cathey (Southwest Power Pool) presented a high level overview to MOPC in January. Jason stated that the WIS performed a steady-state thermal and voltage analysis, voltage stability, re-dispatch, and ramping analysis. Jason explained that the WIS reduced coal to increase wind penetration levels and used light load MDWG models for spring and fall that included historical outage topologies. Jason explained that SPP has 156 registered wind Variable Energy Resources that total to 12,400 MWs, and SPP is expecting to add between 800 MWs and 4000 MWs by the end of 2016. Jason stated that the WIS confirmed the need for already identified and approved ITP projects and in some case we should look to accelerate certain projects. Jason also stated that Cimarron – Draper 345kV and Sundown – Amoco 230kV are two such projects identified for acceleration. Casey stated we will discuss the WIS in greater detail at the Wind Summit on the 17th and 18th and mentioned that at the Summit we will also discuss

NDVER conversions and recommendations. Ron Gunderson (Nebraska Public Power District) asked if we are in an unreliable state with NDVERs are there gaps in the approval process. Casey stated that he believes a potential for gaps do exist. Ron suggested that if gaps do indeed exist then shouldn't it be addressed in the recommendations. Casey stated that under recommendation number 4 that the recommendation is a blanket statement that covers this concern. Allan George (Sunflower Electric Power Corporation) asked how do we change already approved criteria, and Casey stated that we would have to go through the stakeholder process.

Approval Items and Staff Reports for Discussion

Agenda Item 7 – RR145 OOME Clarification

Casey Cathey (Southwest Power Pool) introduced RR145 OOME Clarification and stated that MWG recently approved RR145 and we currently have a scheduled teleconference on February 18, so if this document is approved today then we would no longer require the call. Casey commented that the RR clarifies the rules related to Dispatch Instruction and Setpoint Instructions for Variable Energy Resources during an OOME event. Raleigh Mohr (Southwest Power Pool) stated that in this version of the RR we removed language that was coupled with the NERC standards. Ron Gunderson (Nebraska Public Power District) stated that manual dispatch instruction being replaced with OOME is not grammatically correct. Ron stated that if we changed it to OOME instruction then it would be correct. Raleigh stated that this document will go to RTWG and they could make the adjustment if necessary. John Stephens (City Utilities of Springfield) stated that he is concerned that by not using the term operating instruction then the RR does not accomplish its purpose for clarifying the dispatch and setpoint instructions for VERs in an OOME event. Ron asked if the term Dispatch Instruction is defined in the Tariff. Raleigh discussed the tariff definition and stated that an OOME is a manual override to the dispatch instruction.

Ron Gunderson (Nebraska Public Power District) moved to approve RR145 upon a review of the use of the term “OOME” as an instruction and not as just energy in both the SPP Tariff and Market Protocols to ensure no unintended consequences exist in the current proposed language. Todd Gosnell (Omaha Public Power District) seconded the motion, and the motion passed with no opposition and two abstentions John Stephens (City Utilities of Springfield) and Jim Useldinger (GridLiance).

John Stephens (City Utilities of Springfield) “I abstain from voting to approve RR145 because I feel that RR145 does not accomplish its stated purpose of clarifying the rules for Dispatch and Setpoint Instructions for VERs during an OOME event. By failing to identify OOME as NERC-defined Operating Instructions, RR145 does not address ambiguity regarding the urgency or necessity of resources to acknowledge and implement these instructions.”

Jim Useldinger (GridLiance) “I voted to abstain based on the uncertainty of the outcome described in the motion”, “approve RR145 upon a review of the use of the term “OOME” as an instruction and not as just energy in both the SPP Tariff and Market Protocols to ensure no unintended consequences exist in the current proposed language.”

Agenda Item 8 – RR140 30 Minute Standardization of Ratings

Derek Hawkins (Southwest Power Pool) presented changes to RR140 and he explained that the Emergency language was designed to align with the NERC definition of Emergency. Derek discussed the Short-Term Emergency Section and explained the adjustments to the document. Ron Gunderson (Nebraska Public Power District) and Jeff Wells (Grand River Dam Authority) discussed the meaning of the Short-Term Emergency Rating language, and added “keep actual loading within applicable ratings” The group also made additional edits to the case for “short-term emergency” to uppercase.

Jeff Wells (Grand River Dam Authority) moved to approve RR140 as amended by the ORWG, and Ron Gunderson (Nebraska Public Power District) seconded the motion. The motion passed with David Pham (Empire District Electric Company) opposing and no abstentions.

David Pham (Empire District Electric Company) “Keeping all the models coordinated and synched is hard enough like it is. Adding another set of limits would make it harder and more confusing as not all members are utilizing the same rating methodology. Because some members are using static rating while some are using dynamic rating and some members have no short-term limit and some have multiple short-term limits. So if/when SPP requires members submitting third set of limits, this third set of limit wouldn’t mean the same for all different members anyway and it sure creates more work on the members as well as staff to track this extra set of limit.”

Agenda Item 9 – RR134 Outage Scheduler Derate Threshold

This agenda item was tabled until a future ORWG meeting.

Agenda Item 10 – SPP Communications Protocol

Casey Cathey (Southwest Power Pool) introduced the communications protocol document and stated that ORWG would be the owner of the document, but the document would not be part of the revision request process. Casey discussed the need for an additional document review process that could go between working groups, but doesn’t necessarily need MOPCs and the BODs approval for updating documents. Chairman Allen Klassen (Westar Energy, Inc.) stated that he sees the document like the RC plan document. Casey and CJ Brown (Southwest Power Pool) explained the language adjustments within the document and Terry Gates (American Electric Power) discussed the language needs regarding XML. Terry wanted to ensure the necessary language was in the document in the event RR131 is withdrawn. Richard Ross (American Electric Power) expressed concerns about potential compliance risk with the additional language added to the Communication Document. Through discussion Allen removed “For backup purposes a Market Participant should be able to receive systematic dispatch signals through an alternate method in the event of ICCP/EMS issues/failures, for example XML or access to the SPP portal.”

ACTION ITEM: SPP to test the portal and XML systems.

The group removed additional language and elected to table discussions until February 18, 2016.

Agenda Item 11– RR131 XML Reliability Clarification

This agenda item was tabled until the February 18, 2016 ORWG meeting.

Agenda Item 12 – RR141 SOL Methodology Revisions

Jason Smith (Southwest Power Pool) presented the TWG changes to RR141 and stated that we had to add the HVDC language back into the document due to IS joining SPP. Jason stated that TWG added “or lower” to the language “The Facility Ratings used in the Operating Horizon or Real-Time Horizon may be higher or lower than the Facility Ratings used in the Planning Horizon and shall be based upon the forecast system conditions applicable to the horizon of the study used to establish the SOL.” Darrel Yohnk (ITC Holdings) recommended removing “and shall be based upon the forecast system conditions applicable to the horizon of the study used to establish the SOL.”

Jason also said that TWG added that stated ratings that have been adjusted and rating times must be coordinated. Darrel recommended adding “impacted” before operating entities to the TWG language addition “Ratings that have been adjusted must be coordinated so that the operating entities are aware of the times that the adjusted rating may be used.” John Stephens (City Utilities of Springfield) asked if this RR impacts RR140, and Jason stated that this RR is not connected to RR140.

Jeff Wells (Grand River Dam Authority) moved to approve RR141 as amended by the ORWG, and Darrel Yohnk (ITC Holdings) seconded the motion. The motion was approved without opposition or abstention.

Agenda Item 13 – SPP approach to model review of real-time Voltage

This agenda item was tabled until a future ORWG meeting.

Agenda Item 14 – Voltage Task Force Charter

This agenda item was tabled until a future ORWG meeting.

Agenda Item 15 – Coordinated Operating Criteria Review

This agenda item was tabled until a future ORWG meeting.

Agenda Item 16/17 – ORWG Action Item Review

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

Agenda Item 18 – Other Items

Chairman Allen Klassen (Westar Energy, Inc.) asked the ORWG is there was any interest in joining the Critical Infrastructure Protection committee in his place, and suggested sending him an e-mail if there’s interest.

Agenda Item 17 – Meeting Schedule

- a. 2/18, Net Conference (SPP Communications Protocol - Continuation), 1:00-3:00
- b. 3/2-3/2016 Face-to-Face (Little Rock, Arkansas) - CONFIRMED
- c. 4/7/2016 WebEx (Thurs) 0830-1200
- d. 5/5/2016 WebEx (Thurs) 0830-1200

- e. 5/31-6/1/2016 Face-to-Face (Tampa Bay, FL; FRCC offices) - CONFIRMED
- f. 7/7/2016 WebEx (Thurs) 0830-1200
- g. 8/4/2016 WebEx (Thurs) 0830-1200
- h. 8/31-9/1/2016 Face-to-Face (Little Rock, Arkansas) - CONFIRMED
- i. 10/6/2016 WebEx (Thurs) 0830-1200
- j. 11/3/2016 WebEx (Thurs) 0830-1200
- k. 12/1/2016 WebEx (Thurs) 0830-1200

Agenda Item 18 – Summary of Action Items

See Page 1 Action Item list.

Agenda Item 19 – Adjourn

Chairman Allen Klassen (Westar Energy, Inc.) adjourned the ORWG at 12:00 PM (CST).

Respectfully Submitted,

Casey Cathey
Secretary



Operating Reliability Working Group
Meeting Attendance: 2/04/2016
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	Girdline
P	4	Paul Lampe	M	City of Independence, MO
x	5	Kyle McMenamin	M	Xcel Energy
x	6	Steve Haun	M	Lincoln Electric System
x	7	Allan George	M	Sunflower Electric Power Corporation
x	8	Jeff Wells	M	Grand River Dam Authority
x	9	John Stephens	M	City Utilities of Springfield
x	10	Todd Gosnell	M	Omaha Public Power District
x	11	Bryn Wilson	M	Oklahoma Gas and Electric Co.
x	12	Dennis Sauriol	M	American Electric Power
x	13	Darrel Yohnk	M	ITC Holdings
x	14	David Pham	M	Empire District Electric Company
x	15	Matthew Stoltz	M	Basin Electric Power Cooperative
x	16	Chance Myers	M	Western Farmers Electric Cooperative
x	17	Craig Speidel	M	Western Area Power Administration
x	18	Gary Plummer	P	Proxy for Paul Lampe
x	19	Bleau LaFave	G	NorthWestern Energy
x	20	Carrie Dixon	G	Xcel Energy
x	21	Darryl Boggess	G	Western Farmers Electric Cooperative
x	22	Dave Millam	G	Kansas City Power & Light
x	23	Denney Fales	G	Kansas City Power & Light
x	24	Ella Caillouette	G	NorthWestern Energy
x	25	Gayle Nansel	G	Western Area Power Administration
x	26	Greg Ramsey	G	Grand River Dam Authority
x	27	Jamie Hajek	G	NorthWestern Energy
x	28	Jay Patel	G	Kansas City Power & Light
x	29	Jeremy Severson	G	Basin Electric Power Cooperative
x	30	Jessi Tucker	G	Kansas City Power & Light
x	31	Jim Jacoby	G	American Electric Power
x	32	Jim Krajecki	G	Customized Energy Solutions
x	33	John Allen	G	City Utilities of Springfield
x	34	Keith Carman	G	Tri-State Generation and Transmission
x	35	Kevin Harrison	G	ITC Holdings
x	36	Mark Robinson	G	Southwestern Power Administration
x	37	Mike Anderson	G	American Electric Power
x	38	Mike Wech	G	Southwestern Power Administration
x	39	Neal Faltys	G	Omaha Public Power District
x	40	Randy Ezzell	G	ITC Holdings
x	41	Richard Ross	G	American Electric Power
x	42	Robert Hirschak (Cleco)	G	Cleco
x	43	Robert Safuto	G	Customized Energy Solutions
x	44	Sing Tay	G	Oklahoma Gas & Electric
x	45	Steve Gaw	G	The Wind Coalition
x	46	Terry Gates	G	American Electric Power
x	47	Terry Jones	G	Lincoln Electric System
x	48	Tom Mayhan	G	Omaha Public Power District
x	49	Casey Cathey	S	Southwest Power Pool
x	50	CJ Brown	S	Southwest Power Pool
x	51	Derek Hawkins	S	Southwest Power Pool
x	52	Erin Cathey	S	Southwest Power Pool
x	53	Harvey Scribner	S	Southwest Power Pool
x	54	Jared Greenwalt	S	Southwest Power Pool
x	55	Jason Smith	S	Southwest Power Pool
x	56	Jason Tanner	S	Southwest Power Pool
x	57	Kevin Sanson	S	Southwest Power Pool

x	58	Margaret Q. Adams	S	Southwest Power Pool
x	59	Micha Bailey	S	Southwest Power Pool
x	60	Neil Robertson	S	Southwest Power Pool
x	61	Nick Parker	S	Southwest Power Pool
x	62	Tim Miller	S	Southwest Power Pool