

Southwest Power Pool
SYSTEM PROTECTION AND CONTROL WORKING GROUP
MEETING

November 4-5, 2015
Embassy Suites at the Plaza

Kansas City, MO
November 4 (8am – 12pm)

November 5 (1pm – 5pm)

• M I N U T E S •

Agenda Item 1: Administrative Items

SPCWG Meeting

Item 1a: Call to Order and Introductions

Chair, Edwin Averill (GRDA), called the meeting to order at 1pm and welcomed everyone. There were 11 in-person participants and 7 teleconference participants. (Attendance List Attached).

Item 1b: Proxies

There were no proxies for this meeting.

Item 1c: Approve minutes of previous meetings (Action Item)

The minutes for the August, 2015 meeting were reviewed and were then unanimously approved by the group.

Item 1d: Approve agenda

Added chairmanship rotation under New Items for discussion. Also changed WAPA to Basin SPS. Agenda was subsequently approved.

Agenda Item 2: Review of Past Action Items

Doug Bowman (SPP) reviewed and updated the status of action Items 1 through 68.

Agenda Item3: SPP Strategic Plan (Reliability Excellence) Requirements

Bud discussed misoperations and the strategic plan. Thomas Teafatiller (SPP) requested a small group of members to help (3 or 4 people) review data on misoperations each quarter. Heidt Melson (Xcel) volunteered. Other volunteers included Doug Jackson (GRDA), Louis Guidry (CLECO), Matthew Thykkuttathil (SUNC), and Gary Condit (SUNC). Thomas will schedule WebExs for future meetings.

Agenda Item 4: Materials Required for New SPS Application

MOPC wants executive summary sheet when new applications for SPS are received. Steve and Doug to work together on putting a checklist together for material required by the SPCWG for new and revised SPS's by next meeting

Agenda Item 5a: Misoperations - Misoperations Report for Q2 2015

Thomas Teafatiller: Do we view misops raw data as confidential? Who should see it?
(Currently sent to employees of different companies when our members receive)

Group: Should keep raw data within the group and not let it go further. Why does ORWG need the info?

Lynn: Not good to blindly send the info out but allow people to ask for it if they have a need for it.

Bud: The working groups needs to approve if others request the data. Should be an email vote.

Ken: A list with all company names scrubbed can be made and sent to them

Tom T. will share info decided on in today's meeting with ORWG.

Rick & Ken & group were ok with Bud's recommendation.

TT:

4/1/16 NERC will start collecting data in parallel with RE

6/1/16 NERC will take over data collection

TT Presentation: Q2 2015 correct Ops up 87%, but below other regions (91%, 93%). Significant number of misops this quarter. 82/662 operations were misops. Large number of processor relay misops. Most misops were "unnecessary trip during fault".

Agenda Item 5b: Misoperations - PRC-004 Misoperations Reporting

Louis Guidry: Very few differences between what is required on the NERC submittal forms and what the members submit to SPP. Concern: are they truly misops? proposal: we will keep on track with NERCs new form. Also set up a group within the SPCWG to field questions and begin to put together a doc of examples, same group as with Agenda Item 3.

Agenda Item 5 c/d: Misoperations - White Paper Data Analysis/ Ad Hoc Committee for Paper

I talked about misops graphs from the data.

Separate the RSL from the RSPF for both sub-sub graphs

Remove item in sub cause graphs "Incorrect setting/logic/design errors..."

Lynn S: New relay settings may be needed in the data.

The whitepaper is due Feb 28

Louis, Lynn, Heidt, and Mathew will work on the whitepaper.

Agenda Item 6: Revision Request Form for Criteria Removals

Doug B. showed the Revision Request that was given him by Jonathan Hayes. The group gave him the go-ahead to get it submitted.

Agenda Item 7: WAPA Special Protection Scheme

Basin

We still need to get drawings/redundant relay info – no full approval given

Doug to send note to Matthew Stoltz to get remaining items.

Next MOPC Jan 12/13 (Tues/Wed)

Doug to send info to group with received

Agenda Item 8: New Items for Discussion

a – SPP Website feedback: The group says it seems to be easier to navigate.

b – Chairman Rotation – Bud retiring in February. Louis Guidry will be chair, Steve Wadas will be Vice Chair

Agenda Item 9: Other discussion

Future Meetings

1/13,14, 2016 Dallas

4/13,14, 2016 Little Rock

7/13,14, 2016 Somewhere in WAPA

10/12,13, 2016 Oklahoma City

Possible topics for future meetings:

NERC updates

PRC – generator settings (19, 24, 25) coordinate with line settings

PRC information presented by members

Someone from NERC?

Sychrophasors SPP with Mack Grady

The meeting was adjourned

Respectfully Submitted,

Douglas Bowman
SPCWG Staff Secretary

ATTENDANCE:

11/4/2015			
Participant	WebEx/In person	Name	Email
1	In Person	Doug Bowman	dbowman@spp.org
2	On Phone	Derek Vonada	dvonada@sunflower.net
3	On Phone	Ken Zellefrow SPRM	ken.zellefrow@cityutilities.net
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5	In Person	Steve Wadas-NPPD	stwadas@nppd.com
6	On Phone	Robert Hirschak (Cleco)	robert.hirschak@cleco.com
7	On Phone	Louis Guidry (Cleco)	louis.guidry@cleco.com
8	In Person	Thomas Teafatiller	tteafatiller.re@spp.org
9	In Person	Lynn Schroeder	lschroeder@mkec.com
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16	In Person	Gary Condit	
17	In Person	Allen Halling	allen.halling@kcpl.com
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11/5/2015			
Participant	WebEx/In person	Name	Email
1	In Person	Doug Bowman	dbowman@spp.org
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17	In Person	Gary Condit	