

Southwest Power Pool
OPERATIONS TRAINING WORKING GROUP

April 6, 2017

Face-to-Face

• Summary of Action Items •

1. OTWG members are to submit comments about their preference for the vacancy recommendation to the chair and vice-chair by the close of business on April 13.
2. Michael Daly will send out the checklist discussed in agenda item 7a.
3. Gay Anthony will send out the SOC feedback for the Kansas City SOC.
4. Michael Daly will type up and send out the topics suggested for the 2017 Marketplace Symposium.
5. Michael Daly will work with SPP staff to arrange a teleconference for April 20 to respond to the ORWG's request to review and provide feedback to the SPP RC Restoration Plan.

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Face-to-Face Meeting

• M I N U T E S •

Agenda Item 1 – Call to Order

Russell Moore (SPRM) called the meeting to order at 1:01 p.m. The following members were in attendance:

Russell Moore, SPRM, Chair
Chris Dodds, WRI, Vice-Chair
Denney Fales, KCPL
Michael Gaunder, OKGE
Robert Hirschak, CLECO
Sheldon Hunter, SECI
Danny Johnson, XCEL
Janelle Marriott-Gill, TSGT
Carroll Reddick, WFEC
Derek Stafford, GRDA
Steve Tegtmeier, LES
Stanley Winbush, AEP

A quorum was present for the meeting, and the following member was absent:

- Joel Robles, OPPD

Agenda Item 2 – Statement and Attendance

Michael Daly (SPP) read the introductory language from the Chair/Staff Secretary training and then took attendance. (See Attachment 1)

Agenda Item 3 – Consent Agenda

Russell Moore presented the consent agenda and noted that item 6c needed to be removed since the nomination of Jeremy Nelson (TSGT) had been withdrawn. Denney Fales (KCPL) made a motion to approve the consent agenda, which included the approval of the April 6th meeting agenda as well as the meeting minutes from the February 6, 2017, teleconference. Robert Hirschak (CLECO) seconded the motion. The motion passed with no opposition or abstentions.

Agenda Item 4 – Review of Previous Action Items

Michael Daly provided an update on the action items from the previous meeting. His update can be found [here](#). Gay Anthony (SPP) noted that for the action item regarding Continuing Education Hours (CEHs) for the 2017 System Operations Conference (SOC) the decision was made to offer CEH credit per day of the SOC.

Agenda Item 5 – Recognition

Russell Moore noted that Mike Hood (AECC) and Edgar Rivera (LUS) had stepped down from the group and thanked them for their dedicated service. Mike had been a member since December 2009, and Edgar had been a member since December 2008. The group solicited nominations to fill the vacancies created by these departures.

Agenda Item 6 – OTWG Vacancy

Russell Moore noted that three nominations were received for the group's two vacancies—Kevin Ballany of Arkansas Electric Cooperative, Tyler Delcambre of Lafayette Utilities System, and Dave Waag of Western Area Power Administration. Each nominee presented to the group about their background, qualifications, and interest in the group's work. After each presentation, members had the opportunity to ask questions of the nominees. Members are to submit comments about their preference for the recommendation to the chair and vice-chair by close of business on Thursday, April 13. After that time, the chair and vice-chair will review the feedback and work with the staff secretary to prepare a recommendation to Nick Brown, President of SPP, for his consideration and appointment in keeping with section 3.1 of the bylaws.

Agenda Item 7 – Ad Hoc Group Reports

A. Organizational Items

Chris Dodds (WRI) reported to members about the work of the Organizational Items ad hoc group. The group's recent meeting centered on a checklist for onboarding new members of the group. The checklist was not included with the meeting materials and will be sent to members. Members were asked to review the list and provide feedback on whether any items needed to be added or deleted from the list. Denney Fales also shared that the group had been discussing whether to hold day-long OTWG meetings not associated with the SOC. The ad hoc group will meet again on April 24, 2017, at 10:00 a.m. CDT.

B. Success Metrics

Chris Dodds reported to members about the work of the Success Metrics ad hoc group. The group has been meeting to discuss how to evaluate the success of the SOCs based on a proof of concept the OTWG approved in August 2016. At that time, the proof of concept held that all SOCs would be held in Little Rock in 2018 to evaluate the effectiveness of some new design ideas, including adding the simulator (DTS), breakout sessions, and subject matter experts to the conference design.

The ad hoc group proposed three areas to evaluate the effectiveness of this new SOC format: a.) quality of the learning, b.) impact to members and SPP, and c.) participant experience. These areas will be weighted to place an emphasis on the first two focus areas, while also considering the networking opportunities the SOC provides for participants. To gather the data necessary to measure these areas, the group will use strategies that may include: pre and post testing, learning boosters, enhanced evaluations, proctor surveys, and cost comparisons.

The ad hoc group proposed to alter the previously approved plan for the 2018 SOCs. Rather than having all the conferences in Little Rock, the group proposed to hold three in Little Rock and three at member locations. There will be two ILAs for 2018—one for the Little Rock SOCs and one for the SOCs hosted at member sites. The content for the two SOCs will be the same, but the instructional design and delivery methods for each conference will be different. This approach will allow for a more objective comparison of the learning retention for each of the SOCs.

The group was asked for feedback on the proposal, and several suggestions were made. Danny Johnson (XCEL) expressed that the evaluations need to measure the engagement of the learning during the conference. Russell Moore and Becky Gifford (SPP) stated that the evaluations will measure the

content of the course and other strategies will be used to measure the learning retention after the conference ends. Once the content is determined, the evaluation questions can be formulated.

Denney Fales asked if the work to measure the success of the two conference designs could be completed in one year. He noted that by the normal time the OTWG would decide the conference locations for 2019, that only four of the SOC's in 2018 would be completed. His concern was whether the ad hoc group would have enough data by mid-2018 to decide how to proceed with the SOC design for 2019.

Russell Moore suggested that the OTWG move the decision on the 2019 conferences until later in 2018 to allow the ad hoc group more time to gather data and the OTWG more time to consider a plan for the 2019 SOC's. John Gunter (SPP) stated that if the decision on the 2019 SOC's is moved to later in 2018, there could possibly be some financial penalties if contracts for room blocks at hotels have been signed. The group then considered whether to extend the ad hoc group's proposal to include 2019 as well, which means there will be 3 SOC's in Little Rock and 3 SOC's at member locations for both 2018 and 2019.

Denney Fales stated this new approach—hosting 3 SOC's in Little Rock and 3 SOC's at member locations for two years—would give the group ample data to consider how to proceed with the SOC design for 2020. He stressed this approach would enable the group to perhaps decide by April or May of 2019 how it could proceed, which is typically earlier than the group decides the next year's SOC format. After additional discussion, Chris Dodds informally polled members about two options: 1.) in 2018, host three SOC's in Little Rock and three at member locations, and in 2019, host all SOC's as we do today, with one being in Little Rock and the remainder hosted throughout the footprint; 2.) in 2018 and in 2019, hosting three SOC's in Little Rock, and three at member locations throughout the footprint. The informal polling revealed members nearly unanimously preferred option 2.

Denney Fales (KCPL) made a motion to amend the group's action from August 2016, and host three SOC's in Little Rock and three at member locations during 2018 and 2019. Michael Gaunder (OGE) seconded the motion. The motion passed with no opposition and one abstention (WRI).

The next meeting of the ad hoc group will be April 13 at 3:00 p.m. CDT.

Agenda Item 8 – Little Rock SOC Feedback

Gay Anthony reviewed the feedback for the Little Rock SOC, which was held March 13-16. She noted where there were huddles with the proctors twice each day to gather feedback throughout the conference. She noted that SPP staff had acted on the feedback and provided a spreadsheet responding to individual comments. Members were asked for any additional comments and none were stated.

Agenda Item 9 – Kansas City SOC Feedback

Gay Anthony reviewed the feedback for the Kansas City SOC, which was held April 3-6. The paper evaluations and Google evaluations were shared with members. The evaluations stated that participants enjoyed presenter Doug Bowman (SPP) and the Integrated Marketplace content. Members suggested that Doug's drawings be captured for use in future SOC's.

Agenda Item 10 – 2016 Training Program Evaluation Survey Results

Gay Anthony presented the results of the SPP 2016 NERC Training Program Evaluation, which is required as a CEH provider. The evaluation is presented in a survey format, and Gay shared that there was a lower response rate for 2016 survey compared to the 2015 survey. However, the responses reveal an overall high satisfaction for reliability training offered by SPP to members. The results noted an improved satisfaction with Reliability classroom training and CEH self-study training, over 98% and 99%, respectively. Virtual Instructor-Led Training (VILT), Non-CEH self-study courses, and Learning Bursts did

see slight decreases in satisfaction, but all remained over 95% satisfaction. Members were given the comments submitted by the respondents to review as part of the meeting materials.

Agenda Item 11 – Reliability Training Update

A. 2017 GridEx

John Gunter shared that plans were underway for GridEx IV. Members were asked if they wanted to participate in the exercise, which will utilize the DTS for a Real-Time operations scenario. The exercise will take place on November 15 and 16. Members were requested to notify John or Don Martin (SPP) if they plan to participate.

B. VPN Connectivity

John Gunter shared that a VPN performance issue had been identified for those using a VPN account during the drills. He stated that SPP IT had ordered new equipment and that a work-around is in place until the equipment can be installed.

C. Modeling Concern for Blackstart Drill

John Gunter reported that he received some feedback about a Blackstart Drill using an all-open model versus a production snapshot model, and that the all-open model may not be realistic for drill participants. Other feedback received indicated that the all-open model is preferred to use during the drill because it allows participants to work further through their restoration plans. Members were polled about their preference for the model used during the drills, and their preference was the production snapshot model.

D. Coordinated Restoration Drill

John Gunter reported that there would be a coordinated restoration drill with MISO and TVA in mid-October. He stated that the drill will be a partial system restoration drill, but members could contact him as to whether they preferred a blackstart case or partial system case for their work.

Agenda Item 12 – Marketplace Training Update

Michael Daly provided an update on Marketplace training work to members. He shared that the Marketplace Symposium would be taking place on October 3 and October 4 at the SPP campus. The 2017 Symposium may not have all sessions repeated on day 2 as in years past, and the event would likely end by lunch on day 2. Members were solicited for topics for the event prior to the meeting, and several were shared for consideration at this year's event. Members also received the following reminders: a.) a job aid for the Two-Factor and Portal projects would be available by the end of the month; b.) the Integrated Marketplace Fundamentals clinic, to be held on October 2, still had 20 seats available; and c.) several revision requests impacting Marketplace Training were now pending approval by the Market and Operations Policy Committee.

Agenda Item 13 – Roundtable

Michael Daly shared that the ORWG had asked for feedback from the group regarding the proposed edits to the SPP RC Restoration Plan. Russell Moore asked if a teleconference could be scheduled to receive feedback from members. Members agreed, and April 20 was suggested as a date for the meeting.

Agenda Item 14 – Summary of New Action Items

1. OTWG members are to submit comments about their preference for the vacancy recommendation to the chair and vice-chair by the close of business on April 13.
2. Michael Daly will send out the checklist discussed in agenda item 7a.
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4. Michael Daly will type up and send out the topics suggested for the 2017 Marketplace Symposium.
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Agenda Item 15 – Discussion of Future Meetings

Russell Moore shared that the next teleconference would now be on April 20.

Agenda Item 16 – Adjournment

Russell Moore adjourned the meeting at 4:40 p.m.

Agenda Item 17- Executive Session

The group met in executive session to discuss a personnel matter. No action was taken.

Respectfully Submitted,

Michael Daly, Secretary

Attachments
Attachment 1—Meeting Attendance Record

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First Name	Last Name	Company
Gay	Anthony	Southwest Power Pool
Kevin	Ballany	AECC
Angie	Blacketer	Lincoln Electric System
Michael	Daly	Southwest Power Pool
Tyler	Delcambre	Lafayette Utilities System
Chris	Dodds	Westar Energy
Denney	Fales	KCP&L
Michael	Gauder	OG&E
Becky	Gifford	Southwest Power Pool
John	Gunter	Southwest Power Pool
Robert	Hirchak	Cleco
Jaroddo	Horn	AEP
Sheldon	Hunter	Sunflower Electric Power Corp
Danny	Johnson	Xcel Energy
Mike	Kidwell	Empire District Electric Company
Janelle	Marriott Gill	Tri-State Generation and Transmission Assn., Inc.
Dave	Millam	KCP&L
Russell	Moore	City Utilities of Springfield, MO
Ernest	Owens	ITC Transco
Carroll	Reddick	Western Farmers Electric Cooperative
Derek	Stafford	Grand River Dam Authority
Steve	Tegtmeier	Lincoln Electric System
Dave	Waag	WAPA
Stanley	Winbush	American Electric Power