SUMMARY OF MOTIONS AND ACTION ITEMS

1. John Gunter (SPP) to follow up with Terry Gates (AEP) regarding his comments on the 2019 Training Program Evaluation.

2. Michael Daly (SPP) will type up all topic suggestions from the meeting and distribute to OTWG members.

3. OTWG members will rank/prioritize topics from the list and add any additional topics for consideration by an undetermined deadline.
AGENDA ITEM 1 – CALL TO ORDER

Russell Moore (CUS) called the meeting to order at 8:06 a.m. CST. The following members were in attendance:

Russell Moore, SPRM, Chair
Michael Gaunder, OKGE, Vice-Chair
Tina Adams, WFEC
Kevin Ballany, AECC
Natasha Brown, OMPA
Mark Ellis, AEP
Janelle Marriott-Gill, TSGT
Robert Hirchak, CLECO
Sheldon Hunter, SECI
Danny Johnson, XCEL
Kevin Reed, NPPD
Derek Stafford, GRDA
Steve Tegtmeier, LES

A quorum was present for the meeting, and the following absences were noted:

Denney Fales (Evergy) was absent from the meeting and was not represented by proxy.

AGENDA ITEM 2 – STATEMENTS AND ATTENDANCE

Michael Daly (SPP) read the introductory language from the Chair/Staff Secretary training, the anti-trust notice, and then took attendance. (See Attachment 1)
AGENDA ITEM 3 – CONSENT AGENDA

Russell Moore presented the consent agenda that included the February 19 meeting agenda, and the meeting minutes from the October 17, 2019, face-to-face meeting. Kevin Reed (NPPD) made a motion to approve the consent agenda. Tina Adams (WFEC) 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.

AGENDA ITEM 5 – OTWG WORKING GROUP EFFECTIVENESS SURVEY RESULTS

Russell Moore and Michael Daly reviewed the results of the 2019 Working Group Effectiveness survey. The OTWG had the highest response rate of any SPP working group or committee to the survey. The survey, administered by the SPP Communications department, pointed out the improvement in meetings over the past year and the productivity of the group.

AGENDA ITEM 6 – NERC UPDATE

Leslie Sink (SPP) provided an update to the group on recent changes at NERC. She noted the formation of the Credential Maintenance Working Group (CMWG) as well as a new charter drafted for the Personnel Subcommittee (PS). The PS will need new membership, and Leslie encouraged members to serve. The PS will work on developing templates for reports for those in the field. The CMWG will focus on re-writing the Continuing Education (CE) manual and determining whether the SOCCED software will need updating.

Mark Ellis (AEP) asked that members email him issues they have experienced with SOCCED. This information will inform his work on the Personnel Certification and Governance Committee (PCGC).

Jimmy Womack (SPP) shared that the re-write of PER-003 was recently completed. He expects the revised standard will be out for comments in April 2020.

AGENDA ITEM 7 – 2020 PLANNING

A. Facilitation Needs for the System Operations Conferences (SOCs)

In response to an action item, Gay Anthony (SPP) shared with members the facilitator breakdown for each SOC planned in 2020.

B. 2019 Customer Training Program Evaluation
John Gunter (SPP) provided members with an overview of the annual training program evaluation required by NERC. This year’s evaluation, unlike the 2018 evaluation, was sent to a targeted audience with the goal of increasing the response rate, which did improve. 33 respondents were unanimous in agreeing that the SPP customer training program meets their organizations’ training needs. When individual course offerings were analyzed, the virtual instructor-led training sessions, blackstart drills, and system operations conferences provided the most value to the footprint. Train-the-trainer and eLearning modules were also deemed valuable for the footprint.

AGENDA ITEM 8 – OTWG STRATEGIC PLANNING DISCUSSION

A. Process Overview

Michael Daly presented a process to guide the group as it begins to develop topics for the 2021 System Operations Conferences (SOCs). The current meeting will involve reviewing data from previous SOC evaluations as well as brainstorming topics each member has brought to the meeting. Our April meeting will have a vote to finalize the topics for development and begin the research for each topic in a team-based approach. The July meeting will require members to have a content outline developed and begin working on developing objectives with the assistance of SPP staff. Members will turn over their work to SPP staff during the October meeting.

Jennifer Farley (SPP) and Becky Gifford (SPP) spent time helping members understand how to approach their topic development work. Specifically, they posed questions to help members refine their topics and think about how the topic could be presented to system operators.

B. 2021 SOC Topics

Members of the OTWG shared their individual topics for possible development. Michael Daly captured these items and listed them in Attachment 2.

C. Data Review/Topic Brainstorm

Due to time constraints, Russell Moore shared that this work would continue and pointed to the data in the meeting materials for members to consider.

D. MOPC Update

Russell Moore shared the details of the meeting with working group chairs on February 13, 2020. The meeting provided some more detail around the Market and Operations Policy Committee’s (MOPC) efforts to consolidate working groups. Groups will be categorized as functional and user/advisory. The OTWG will likely be in the user/advisory category, and that designation is not expected to alter our work or meeting plans. More details will be provided as they become available.
AGENDA ITEM 9 – WRITTEN REPORTS

Written reports for eLearning, Marketplace training, and Reliability training were provided to the group as part of the meeting materials. The meeting participants were asked to bring questions regarding these reports to the meeting.

Regarding the eLearning Update, Russell Moore asked about the timeline for the R-Comm tool eLearning course. Amy Casavechia (SPP) stated that the course would be developed this year, in 2020.

Michael Daly reminded members about the timeline change for the Day-Ahead Market that would take place in 2Q 2020. The timeline may change desk procedures at member companies.

AGENDA ITEM 10 – ROUND TABLE

Leslie Sink reminded members that she sent out year-end numbers earlier in the week, including class hours attended and continuing education hours awarded. She asked members to let her know if they did not wish to receive the year-end letter next year.

Robert Hirchak (CLECO) noted that NERC had a new cold weather SAR out for review and that a new comment period would be open soon. He encouraged members to submit comments. Robert also noted that FERC was reviewing facility ratings and likely moving to dynamic line ratings.

Mark Ellis (AEP) joined the NERC personnel certification governance committee and requested members to email him any issues with SOCCED. That committee will be looking into a replacement of SOCCED and any usability data will help in the design of a new tracking system.

AGENDA ITEM 11 – WORKING GROUP EFFECTIVENESS SURVEY

Michael Daly provided the QR code and link for members and attendees to assess the effectiveness of the meeting. Russell Moore noted that candid comments were welcome.

AGENDA ITEM 12 – SUMMARY OF ACTION ITEMS

1. John Gunter (SPP) will follow up with Terry Gates (AEP) regarding his comments on the 2019 Training Program Evaluation.

2. Michael Daly (SPP) will type up all topic suggestions from the meeting and distribute to OTWG members.

3. OTWG members will rank/prioritize topics from the list and add any additional topics for consideration by an undetermined deadline.
AGENDA ITEM 13 – DISCUSSION OF FUTURE MEETINGS

The next meeting will be held on Thursday, April 30, 2020, at Evergy offices in Kansas City, Missouri. The meeting will begin at 1:00 p.m. CDT in conference room 1KC-02 Southwest.

AGENDA ITEM 14 – ADJOURNMENT

A motion was made by Kevin Reed to adjourn the meeting. Tina Adams seconded the motion. The motion passed with no opposition or abstentions.

Russell Moore adjourned the meeting at 11:22 a.m. CST.

Respectfully Submitted,

Michael Daly
Secretary

Attachments

Attachment 1—Meeting Attendance Record
Attachment 2—2021 SOC Topic Brainstorm (from member suggestions)
# Meeting Attendance Record

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<thead>
<tr>
<th>First Name</th>
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<tr>
<td>Tina</td>
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<td>Western Area Power Administration—Rocky Mountain Region</td>
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Attachment 2—2021 SOC Topic Brainstorm (from member suggestions)

Refresher on R-Comm Tool (S. Hunter – Sunflower)
- Where are we going in the future with this tool?
- PSR event (System Restoration)

Flowgate Mitigation (D. Stafford—GRDA)
- Beginning to End
- R-Comm Tool role in process

Event Reporting (D. Stafford—GRDA)
- Recognizing a reportable event
- Work on the standard

Human Performance (K. Reed—NPPD, R. Moore—CUS, N. Brown—OMPA)
- When to use with RC coordination
- Historical overview (in use for 75+ years)

RC or Balance Area Jobs (K. Reed—NPPD)
- Similar to Transmission Planning session from 2019

Different Types of Generation (K. Reed—NPPD)
- Retire coal unit for a hydrogen unit
- Kevin has some materials

Reserve Module Training (N. Brown—OMPA)
- OR shortages that affect market (price spikes)

High Voltage (N. Brown—OMPA)

System Frequency Deficiencies on Interconnection (N. Brown—OMPA)

System Restoration Task Force (J. Gunter—SPP)
- When can the BA function be restored?
- SRTF is associated with the ORWG

Congestion Management Task Force (J. Gunter—SPP)
- Market to Market
- Alternate Market to Market
- Market Buffers
- CMTF is associated with the ORWG
Attachment 2 (continued)

Outage Coordination  (J. Gunter—SPP)
- Financial consideration

Communication  (S. Vaillancourt—WAPA UGP)
- Possibly pair with human performance
- What exactly is an operating instruction?

RT Shift Engineers and NCSO’s  (S. Vaillancourt—WAPA UGP)
- System Planning
- Studies
- Translation of roles between Engineers and NCSO’s
- CIP Standards—NERC CIP
- What can NCSO know about their role

Double Bus Switching  (M. Gaunder—OGE)

Geo-Magnetic Disturbance  (M. Gaunder—OGE)

Environmental Policy Impact on Grid Management  (M. Gaunder—OGE)
- Impact of pledges for 100% renewables on municipals

DC Ties  (T. Adams—WFEC)

Real-Time Contingency Analysis  (T. Adams—WFEC)

Voltage  (T. Adams—WFEC)
- Impacts on the region
- High voltage issues
- Transmission studies for high voltage

Operational Oddities  (M. Ellis—AEP)
- Ferraniti’s rise
- Subsynchronous oscillation (AEP wind farm in Texas)
- What happens when signals are lost—SPP footprint, market impacts
  - 2 generators in isochronous(?) mode (Restoration example)
  - Possible scenario playback in a controlled environment

Battery Storage  (M. Ellis—AEP)
- Behind the meter at renewable generator
- What has changed since last covered at SOC?
Attachment 2 (continued)

Renewable Resources  
(J. Marriott-Gil—TSGT)
- From a dispatch perspective
- Battery dispatch for reserves (?)

Restoration Concepts  
(J. Marriott-Gil—TSGT)
- Changing with a different fleet of resources (i.e. more renewables)
- Table top exercise @ CAISO

Severe Weather  
(J. Marriott Gill – Tri-State)
- New NERC Guideline
- Gen Ops perspective

Fuel Supply Constraint  
(J. Marriott Gill – Tri-State)
- Fuel switching
- Fuel constraints
- Processes for communicating these

Event Reporting  
(J. Marriott Gill – Tri-State)
- Training from a Risk Compliance perspective
- TOP-003 + IRO-010

Conservative Operations  
(R. Moore—CUS)
- From ORWG
- Causes
- Coming Changes

Restoration Basics  
(P. Miller—WAPA RMR)