

**Southwest Power Pool
WESTERN RELIABILITY EXECUTIVE COMMITTEE
Wednesday, September 18, 2019
1pm to 4:30pm MDT (2pm to 5:30pm CDT)
Black Hills Energy, Rapid City, South Dakota**

• M I N U T E S •

1. Call to Order

Keith Carman called the meeting to order at 1:00pm MDT (2:00pm CDT) on Wednesday, September 18, 2019.

2. Attendance and Quorum Determination

CJ Brown took attendance (attached) and confirmed that quorum was met.

3. Review and approval of WREC meeting agenda

It was pointed out that the future meeting dates for next year were erroneously indicated as 2019 instead of 2020. With no other updates, Keith Carman approved the meeting agenda.

4. Approval of WREC Minutes from August 16, 2019 open meeting

Keith Carman requested approval of the minutes if there were no changes. John Tolo motioned to approve, seconded by Bob Staton; with no further discussion or opposition, the motion was approved.

5. Review of Past Action Items

a. Clint Savoy to clean up the draft MOP document and send it back to WRWG for review and approval.

CJ Brown said that the WRWG has approved the MOP document without opposition, so it is now a consensus document to be presented to the WREC.

b. Ensure discussion of a joint ORWG, WRWG, and WREC meeting in 2020.

CJ Brown said he is waiting on the ORWG and WRWG to finalize discussion on future joint meetings. The second face-to-face WREC meeting next year will be discussed later under the meeting agenda on future meetings.

- c. **CJ Brown will have a presentation on the various mitigations regarding CAISO data for the next meeting, but he will send the presentation by email prior to the meeting for WREC to review.**

CJ Brown said he has prepared a PowerPoint presentation on the mitigation plan, where the plan is to set up a link with Bonneville Power directly to get the required model data and any additional information from the entities as needed. However, since SPP did get the data from CAISO on Monday, September 16, 2019 as planned, the mitigation plan is no longer required; but SPP plans to maintain the direct connection with Bonneville Power for reserve sharing purpose, which is now a work in progress.

In answer to a question, CJ Brown said that SPP has requested 100,000 data points and has received 96,000 with about 4,000 mismatches, so SPP is now working on verifying those mismatched data.

CJ Brown added that SPP is using CAISO's EMS data as primary and Peak's data as secondary at this time to avoid any impact after Peak leaves, and that SPP has been using Peak's Hosted Advanced Applications (HAA) to look at their contingency analysis and comparing path flows between the two systems for the past few weeks, but is only able to do a full contingency analysis of our footprint recently after getting most of the data.

- d. **CJ Brown to get the WREC meeting schedule 2020 formed in the next couple of weeks.**

CJ Brown said that this will be discussed under the future meetings agenda item, but he explained that the overarching goals are to give enough time between WRWG and WREC meetings to avoid redundancy and to give enough time to digest any new information from the WRWG meeting, and to limit WREC to discussion on financials except for the first meeting next year to tie with travel plans between the two groups.

6. WRWG Updates and Approval Items

Denton McGregor provided updates from the last WRWG meeting. He said that the WRWG discussed and finalized the Modification Oversight Process (MOP) during the meeting, and unanimously approved the document to be presented to the WREC today.

He said that the West Modeling Task Force (WMTF) is having their first face-to-face meeting today and tomorrow to discuss facilities and ratings, and is ramping up to possibly meet on a weekly basis for shadow operations until further notice.

Congestion Management and Seams Task Force (CMSTF) is winding down their overall efforts as we approach shadow operations. Their discussions included energy emergency alerts, Northwest Power Pool, and reliability data specifications that apply to telemetry and communications outages, as well as SPP's model functionality on congestion management. The CMSTF will have monthly conference calls during and after shadow operations for monitoring purposes only.

In addition, Denton McGregor said that the WRWG has assigned an action item for all the Task Forces to go back and review their Scopes to look at the longevity of their Task Force and to present at the January 2020 WRWG face-to-face meeting on what has been completed, what is outstanding, and anything that needs to be addressed outside the scope of the Task Force.

RC Readiness Task Force (RCRTF) met and reviewed the SPP RC Plan but they have not finalized the Plan yet due to onboarding training; however, Denton McGregor said that the updates are mainly on summarizing the differences between the East and the West.

Other highlights from the meeting included discussion and an action item for SPP on the timing of testing the satellite phones after midnight at 00:30 Mountain Prevailing Time on a Wednesday instead of 10:00am on the same day. During the satellite testing, it was discovered that there is currently only one channel group associated for both the East and the West, which SPP will take that back as another action item to review the probability of creating a separate call group for the West and report back to either the WRWG, or the WREC if there is a cost associated with that.

Denton McGregor said that Brian Strickland provided an overview of what a Day-in-the-Life of a SPP West RC will look like, and differences on how planned outages are being handled.

Denton McGregor said that the group decided that SPP should provide a monthly breakdown of Shadow Operations Guidance to the TOPs and BAs under SPP's purview for better

communication, particularly to help with comparison of when and how things are done between Peak and SPP during shadow operations.

Denton McGregor also said that Daniel Baker (SPP) gave a good presentation on Western Reserve Sharing Group (RSG).

WRWG also discussed the metrics similar to what Peak has been doing, particularly the differences between SPP's participant metrics and SPP's performance metrics. It was pointed out that NATF has over 40 different metrics as well as some other metrics available on Peak's site, so SPP has an action item to look at those and come up with a proposal on similar metrics for discussion, but not necessary for day one go-live.

Further discussion is to have a central location for documents that are applicable to the West, which Clint Savoy has taken as an action item.

WRWG meeting schedule for 2020 are being finalized and should be available on the SPP website in the next two weeks.

Clint Savoy presented the Modification Oversight Process (MOP) by first explaining the color coding since there is not enough room for legend in his process flow diagram: blue boxes mean a request by a qualified individual external entity, red boxes mean a request by SPP or a stakeholder group, and green boxes mean a request during the MOP that can be considered approved. He has also added a Timeline Overview in the process since the last review. Both Denton McGregor and Clint Savoy said that the WRWG has voted unanimously to approve with no opposition. Keith Carman then requested approval of the MOP document by the WREC. Jonathan Aust motioned to approve, seconded by John Tolo; with no further discussion or opposition, the motion was approved. Clint Savoy further said that it will take a couple of weeks to fully set it up on SPP website and SPP's Request Management System (RMS) where the requests will be housed with sequential numbers to keep track of changes. The goal is to have the websites set up and the process effective October 1, 2019.

7. SPP Project Status Update

CJ Brown provided the project status update. Most items are on track to be closed before Certification Team comes back October 9. SPP now has 10 certified PER-005 qualified West

operators; one in the process of getting qualified, and the final 12th operator will arrive at SPP early next month.

CJ Brown asked that the members let him know if they currently have access to any HAA but is not available or have access to from SPP, unless it is a licensing issue that was previously discussed. In answer to a question, Yasser Bahbaz said that RTCA results can be filtered in the Replicated Data Server (RDS). However, if they are experiencing a login issue, Yasser encouraged them to try using a different browser to see if it fixes the issue, or to take a screenshot on a document and send it to SPP via a RMS ticket.

In answer to a question on OPAs, CJ Brown said he is not aware of any entities that are having issues.

In answer to another question, CJ Brown said he will check with SPP's Legal department due to concerns with liability reason in providing an attestation letter that Peak used to provide to indicate compliance of data specifications.

CJ Brown informed the WREC that SPP shadow operations will begin October 7, and that the Certification Team will return October 9 for their second visit to review the Bucket 2 items. However, SPP West operators will start their shift September 25 although he emphasized that this will not be shadow operations yet. He said that shadow operations will be during the month of October and November. He further informed the WREC that there will be an early November visit before go-live by WECC and NERC that are not related to the certification.

Keith Carman concurred and expressed his appreciation for Peak, reiterating on CJ Brown's comment that Peak has been absolutely superb to work with and are nothing but professional, kind, and receptive, especially for an entity that is going away. With that, CJ Brown will take an action item to draft a letter of appreciation to Peak on behalf of the WREC and SPP, and will email the draft letter to be voted on by the WREC.

8. Update on CAISO RC go-live

CJ Brown said he did not hear anything bad but good news for CAISO's existing RC footprint. But with the extended footprint for them, they are focused on preparing their shadow operation this week, and the challenge of switching to a new EMS vendor.

9. Shared RC tools management

CJ Brown said that the various RCs have met to discuss about the management of the shared tools, which essentially are only three (3) buckets of tools: common tools used by most, Western Interchange Tool (WIT), and Enhanced Curtailment Calculator (ECC). The vision is have an independent organization manage those shared tools in the long term similar to the use of Eastern Interconnect Data Sharing Network (EIDSN) for the East. The idea for this concept is to have the RCs sit in this executive level committee to discuss the financials of the different tools; and working groups underneath this committee where industry stakeholders can be involved. CJ Brown and Nancy Traweek would be the representatives for SPP and CAISO respectively, stating that 99% of the work will be done at the working group level, but that all the meetings including the executive committee level will be open. There is expected to be four (4) votes in this committee, including SPP and California, and that the executive committee level meeting is intended to be small and manageable, although WREC representatives can still attend. CJ Brown said that he will show the financial spreadsheet of the funding of those shared tools during the executive session and report the vote then. However, no action/vote was taken during the executive session.

10. Other Items

In regards to the receipt of the Western Interconnection Data Sharing Agreement (WIDSA), Abel Bustillos will check to make sure El Paso has received them, and SPP is still working with Gridforce on the amendment. CJ Brown clarified that Gridforce, who will be their own RC, has been very responsive with the contract negotiation.

11. Summary of Action Items

- a. CJ Brown to provide cheat sheet on tools and their availability before shadow operations.
- b. Due to concerns with liability reason, CJ Brown to check with SPP's Legal department about providing an attestation letter that Peak used to provide to indicate compliance of data specifications.

- c. CJ Brown will prepare a formal letter of appreciation to Peak on behalf of the WREC and SPP for their support, and email the draft letter to be voted on by WREC within a week.

12. Future Meetings

Keith Carman went over the future meeting dates, reminding the WREC that the intent is to avoid piggy back meetings after 2020, except for the first ones on January 14 and 15.

Abel Bustillos will verify that El Paso can host the January meeting and contact CJ Brown to coordinate the logistics.

WREC representatives were encouraged to look at those meeting dates for 2020 and discuss on the next WREC meeting to firm up those dates.

<u>Date</u>	<u>Time</u>	<u>Host</u>
10/18/2019, Friday	8-10am MT	WebEx
11/20/2019, Wednesday	1-5pm local	F2F: SPP (lunch provided)
12/6/2019, Friday	8-10am MT	WebEx
1/15/2020, Wednesday	1-5pm local	F2F: El Paso (lunch provided)
4/29/2020, Wednesday	8-10am MT	WebEx
7/29/2020, Wednesday	1-5pm local	F2F: SPP (lunch provided)
10/28/2020, Wednesday	8-10am MT	WebEx

13. Executive Session Discussion

- a. Financial Update

14. Adjournment

Keith Carman called for a motion to close the open meeting at 2:52pm MDT (3:52pm CDT). Bob Staton motioned to approve, seconded by Denton McGregor; with no further discussion or opposition, the motion was approved and moved into executive session.

Respectfully submitted,

CJ Brown

WREC Staff Secretary

Attendance:

Keith Carman (Tri-State, WREC Chair)
Bob Staton (Xcel – PSCo, WREC Vice Chair)
Denton McGregor (Black Hills, WRWG Chair)
Abel Bustillos (EPE)
John Tolo (TEP)
Jonathan Aust (WAPA)
Linda Jacobson-Quinn (FEUS)
Marc Desmarais (WAPA)
Maude Grantham-Richards (Tri-State)
Pam Feuerstein (IREA)
Rebecca Johnson (WAPA)
Shane Sanders (AEPCO)
Shawn Carlson (BEPC)
Steven Owen (Xcel)
Tom Christensen (BEPC)
Tom Kleckner (RTO Insider)
Warren Rust (CSU)
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CJ Brown (SPP, WREC Staff Secretary)
Bert Bressers (SPP)
Bruce Rew (SPP)
Brian Strickland (SPP)
Clint Savoy (SPP)
Samantha Gwei (SPP)
Tennille Tims (SPP)
Yasser Bahbaz (SPP)