

**Southwest Power Pool
WESTERN RELIABILITY EXECUTIVE COMMITTEE
Friday, December 7, 2018
8 am to 10 am Mountain Time
Net Conference**

• M I N U T E S •

Administrative Items

1. Call to Order

- Keith Carman called the meeting to order at 8:00 am MT on Friday, 12/7/2018 and welcomed everyone.

2. Attendance and Quorum Determination

- Bruce Rew took attendance (attached), and confirmed that quorum was met.

Agenda Items

3. Review and approval of WREC agenda

Keith Carman reviewed the agenda. Agenda item 8, SPP Financials Update, will be moved to Executive Session at the end of the meeting as it will be discussing financials.

4. Approval of WREC Minutes for November 14, 2018 meeting

Keith Carman called for a motion to approve the WREC Minutes from the 11/14/2018 meeting. John Tolo made the motion, and was seconded by Jeff Landis, with no further discussion or opposition motion was approved.

5. Review of Past Action Items

Bruce Rew initiated the review of the past action items.

- a. **Bert Bressers to send the SPP RC shadow operations process presentation to WRWG and have them coordinate with CAISO and PEAK; and to also post the presentation to the WREC webpage in the additional resource folder. [COMPLETE]** This item is now complete.
- b. **SPP Staff will update the “External Entities in West Coordination” spreadsheet with the additional committee structure column. [IN PROGRESS]** Bruce stated that this was still a work in progress. Yasser is engaged in this effort and is working to complete it promptly.

- Initial review shows about 14 groups that may require a high level of engagement. Staff is targeting to get this out early January to allow the WREC to have a good discussion on this topic at the WREC January 17th meeting.
- c. **Bruce Rew to get with SPP Accounting to come up with a different projections on the customer's perspective to show payoffs at 4 years versus 5 years, and their budget impacts. [IN PROGRESS]** Documents have been distributed to the WREC and this will be discussed in executive session during today's meeting.
 - d. **Bruce Rew will report back to WREC on any discussion about RSG across multiple RCs, as well as the SRP and WAPA exchanges. [IN PROGRESS]** SPP Staff, Clint Savoy, is taking lead on this effort. He is working with the Congestion Management and Seams Task Force (CMSTF). Work has begun and the CMSTF will reach out to the joint SPP-CAISO stakeholders in the February/March time frame.
 - e. **Bruce Rew will provide contract update related to changing the implementation and go-live dates. [IN PROGRESS]** Mike Riley, SPP's Associate General Counsel, updated the WREC on current progress. The contract needs to be modified to reflect the updated December 3, 2019 go-live date. Several options have been looked at with the preferred approach being to create an amendment to the agreement. This would reflect the new start date and provide a mechanism to recover costs for the 28 days. An initial thought on the compensation was to provide for a rate of 28/365th of the annual charge for 2020. Mike committed to have a draft proposal in place to have detailed discussion at the January 17th WREC meeting. The original contract requirements for data confidentiality may also need to be modified. The contract required participants to execute the ORD and that may not be required going forward. Mike also agreed to evaluate contract impacts for data sharing prior to the next meeting.
 - f. **Bruce Rew will confirm that the Gen only BA signatories is aware of the WREC meetings. [COMPLETE]** All contract signees have representatives on the WREC and are getting appropriate meeting notices.
 - g. **Carl Monroe to provide feedback on EIDSN discussion. [IN PROGRESS]** Carl was not available early in the meeting and provided an update later in the meeting.
 - h. **Bruce Rew to identify 2019 dates for monthly meetings and face-to-face meetings in conjunction with WRWG meetings. [COMPLETE]** Scheduled meetings for 2019 are included

at the end of the agenda. Meetings include five face-to-face (FTF) with the first being on January 17. Meetings are approximately monthly with one shortly before go-live and just after go-live on December 6, 2019.

6. **WRWG Updates and Approval Items**

Keith Carman ask Denton McGregor to provide an update on the working groups activities. Denton began by covering the work of the three task forces.

a. West Modeling Task Force

The WMTF is making progress on data system sharing and model development. SPP has received part of the data specifications for the design of the exchange of data with CAISO.

b. Congestion Management and Seams Task Force

The CMSTF has been very busy. The focus of the next meeting will be to nail down the SOL and outage methodology. SPP has reviewed what PEAK had been using and preparing to develop and adopt our own RC methodology. The CMSTF is also working on the outage system to determine next steps. Options include using SPP's CROW system as is, upgrading the system, or to develop a new stand-alone system. The WRWG will bringing recommendations to the WREC once they have determined the best action to recommend moving forward.

c. RC Readiness Task Force (RCRTF)

The RCRTF has been ramping up as well with a focus on training for the soon to be approved SOL and outage coordination. The task force is working with SPP's Trainer, John Gunter, to prepare for the training in the spring time frame. Cody Parker has presented a demo on the RCOMM system. This will be the reliability communication system. The WREC discussed potential concerns over how load shed instructions will be relayed if this system is used for that requirement. The system must be capable of being reliable and secure for that requirement.

ACTION ITEM: Direct SPP Staff (Cody Parker) to coordinate the ORWG/WRWG concerning operating instructions with RCOMM and via email.

ACTION ITEM: SPP Staff (CJ Brown) will facilitate development of an ORWG/WRWG approach to future coordination on tools and processes impacting both RC's.

7. **Impact and Coordination of Contract with PEAK and CAISO**

Bruce Rew has received a request to determine if SPP can move the RC start date to an earlier time frame. After some discussion, the WREC confirmed that SPP should stick with its December 3, 2019 implementation date.

Next, Carl Monroe provided an update on Agenda item 5G, EIDSN. The EIDSN has opened its membership to be more than just eastern entities. NERC is moving to transition away from providing any non-core services. This includes interconnection tools such as the NERC NET and RCIS tool. Discussion was had around what direction CAISO wants to go regarding the EIDSN and getting data from the WON. There is a meeting scheduled with CAISO/ERCOT/NERC to discuss the future of data transfers and how to transition. There is also concern regarding the cost allocation of all tools used by the EIDSN regardless of what tools are used by that RC.

ACTION ITEM: Carl Monroe and Maude Grantham-Richards are to look at future governance of data and tools in the west and report back to the WREC.

Bruce Rew updated the WREC on the RC to RC meeting that took place the first week of December. Bruce presented at the CAISO RC Steering Committee regarding the SPP comments on the WIDSA. SPP staff expressed some concerns about how the UDSA is being changed and what the process is to that. The WIDSA is intended to be new and separate from the UDSA. Ultimately the UDSA goes away when PEAK does. Kaleb Brimhall expressed concern about Section 5.3 of the contract regarding data requirements. Mike Riley agreed to the following action item.

ACTION ITEM: SPP Staff (Mike Riley) will review the contract language regarding data handling.

PEAK has approximately 3 peta-bytes worth of data that is looking for a new home the end of 2019. PNNL is being looked at to store this data but there are several details that need to be looked at before this occurs. PEAK has also said they are shutting systems down shortly after the last RC goes live. This could impact anyone obtaining EHV data and everyone was reminded to make sure that is transitioned prior to December 3, 2019. For the WIT administration, both

CAISO and SPP desire to be the administrator for the BAs in their RC area. That requires the WIT tool to be modified. CAISO is reaching out to OATI to determine the cost. At the RC to RC meeting, Maude agreed to draft a proposed governing document for the WIT process. This will include cost allocation, managing the OATI contract, dispute resolution, and other administrative functions. CAISO will be the responsible party for time error correction on the western interconnection.

It was also mentioned that the RC customers should assess if their ICCP systems can handle the current data exchange they have with PEAK and West TOP's on top of data exchange with SPP during shadow operations. Also, licensing should be looked at as well.

8. SPP Financials Update

This agenda item was moved to the executive session which follows the open portion of the meeting.

9. RC to RC Update

This has already been discussed earlier in the action item and under item 7, so there were no other updates.

10. Future Meetings

The following meeting schedule has been setup for 2019.

<u>Date</u>	<u>Time</u>	<u>Host</u>
1/17/2019, Thursday	1-5pm local	F2F: WAPA: Las Vegas (with lunch)
2/15/2019, Friday	8-10am MT	WebEx
3/20/2019, Wednesday	1-5pm local	F2F: TEP (with lunch)
4/19/2019, Friday	8-10am MT	WebEx
5/17/2019, Friday	8-10am MT	WebEx
6/21/2019, Friday	8-10am MT	WebEx
7/17/2019, Wednesday	1-5pm local	F2F: Tri-State (with lunch)
8/16/2019, Friday	8-10am MT	WebEx
9/18/2019, Wednesday	1-5pm local	F2F: Black Hills (with lunch)
10/18/2019, Friday	8-10am MT	WebEx
11/20/2019, Wednesday	1-5pm local	F2F: SPP (with lunch)
12/6/2019, Friday	8-10am MT	WebEx

11. **Other Items**

There were no other items for discussion.

12. **Summary of Action Items**

ACTION ITEM: Direct SPP Staff (Cody Parker) to coordinate the ORWG/WRWG concerning operating instructions with RCOMM and via email.

ACTION ITEM: SPP Staff (CJ Brown) will facilitate development of a ORWG/WRWG approach to future coordination on tools and processes impacting both RC's.

ACTION ITEM: Carl Monroe and Maude Grantham-Richards to look at future governance of data and tools in the west and report back to the WREC.

ACTION ITEM: SPP Staff (Mike Riley) will review the contract language regarding data handling.

13. **Adjournment**

Keith Carman closed the open meeting at 9:50 am and called for the meeting to go into executive session to discuss contract finances. The executive session ended at approximately 10:15 am with no approved actions.

Respectfully submitted,

Bruce Rew

WREC Staff Secretary

Attendance (telephone)

Shane Sanders (AZGT)
Denton McGregor (Black Hills, WRWG Chair)
Kaleb Brimhall (PRPA)
Warren Rust (CSU)
Jeff Landis (PRPA)
John Tolo (TEP)
Keith Carman (Tri-State, WREC Chair)
Maude Grantham-Richards (Tri-State)
Jonathan Aust (WAPA)
Rebecca Johnson (WAPA)
Bob Staton (Xcel, WREC Vice Chair)
CJ Ingersoll (Arlington Valley)
Dave Hawkins (El Paso Electric)
Hank Adair (FEUS)
Pam Feuerstein (Intermountain Rural Electric Association)
Mike Rein (Xcel)
Michael Fredrich (Black Hills Energy)
Bert Bressers (SPP)
Bruce Rew (SPP)
Carl Monroe (SPP)
Mike Riley (SPP)
Tennille Tims (SPP)