

Southwest Power Pool
Supply Adequacy Working Group
Face to Face Conference - Irving, TX (Tenaska Office)
February 22nd : 8 am – 5 pm
February 23rd : 8 am – 12 pm

Summary of Motions and Action Items

1. Motion: To approve the January 5, 2023, January 24, 2023, and February 2, 2023 Meeting Minutes.
Motion made by Jim Jacoby.
Motion was 2nd by David Sonntag.
The Motion **Passed** unanimously with zero abstentions.
2. Action Item: To get a timeline set up for the Performance Based Accreditation and Winter Season Resource Adequacy Requirement RR's. As well as the implementation timeline for Performance Based Accreditation.
3. Action Item: Prepare any straw polls needed for narrowing discussion for the March meeting for the Performance Based Accreditation.
4. Action Item: Send out additional items that are being incorporated into the RR which were not in the Performance Based Accreditation Whitepaper.
5. Action Item: Look into getting a small group formed to better formulate the policy moving forward concerning Outages.
6. Action Item: Include some language in the Modeling and Assumptions section that states that Forced, Planned, or Maintenance Outages were not being modeled in the 2022 ESR ELCC Study.

Meeting Minutes

February 22, 2023

Member Attendance

Aaron Castleberry	Oklahoma Gas & Electric
Aaron Ramsdell	Basin
Nate Jones as a Proxy for Adam Graff	Heartland
Amy Newton	City Utilities of Springfield
Ben Elsey	XCEL Energy
David Busse as a Proxy for Brian Berkstresser	Liberty Utilities
Colton Kennedy	Omaha Public Power District
David Sonntag	Western Farmers Electric Cooperative
Eric Alexander	GRDA
Ernesto Perez	GDS Associates, Inc.
Jeffrey Plew	NextEra Energy Resources
Jim Fehr	Nebraska Public Power District
Jim Jacoby	American Electric Power
Jodi Knutson	WAPA
John Varnell	Tenaska
Natasha Henderson	Golden Spread Electric Cooperative
Tim Cervený	MEAN
Tom Hestermann	Sunflower Electric Power Corporation
Tom Saitta	KMEA

Administrative Items

1. SAWG Chair, Natasha Henderson, called the meeting to order at 8:00 am on February 22, 2023
2. Notice of Quorum
3. The draft agenda was reviewed

Consent Agenda

Motion to approve the January 5, 2023, January 24, 2023, and February 2, 2023 Meeting Minutes. Motion made by Jim Jacoby. Motion was 2nd by David Sonntag. The Motion passed unanimously with zero abstentions.

Performance Based Accreditation

This RR is about implementing the Performance Based Accreditation along with performing ACAP and UCAP calculations. Discuss the Non-NERC Gads data submission excel documents that are due 6/1/2023. We had a training on this topic on 2/20/2023. Materials are posted at the following link <https://spp.org/events/calendar/non-nerc-gads-training-session-20230220/>. Discuss the NERC Gads data submissions that are due 6/1/2023. Discussion surrounding the timeline for the Performance Based Accreditation RR and that it will probably be going to MOPC in July 2023 which means that SAWG will have to approve no later than the April meeting. Discuss the surrounding timeline of the ACAP, UCAP, Deliverability Study being posted on 10/1 for each season; we may need to look at different timelines for Summer and Winter Seasons separately. Action Item: Put together/implement a timeline for Performance Based Accreditation. Action Item: Prepare any straw polls needed for narrowing the discussion for the March meeting. Action Item: Send out additional items that are being incorporated into the RR which were not in the Whitepaper policy.

2023 ELCC Study Scopes

Discussion surrounding the 2022 ESR ELCC Results. Modeled batteries at 100 MW per unit which allowed SPP to model more units than the Astrapè study (200 MW per unit). Action Item: Include some language in the Modeling and Assumptions that states that Forced, Planned, or Maintenance Outages were not being modeled in this study for Batteries. Discussion surrounding the 2023 ELCC Study Scope. Results will be posted on 10/1 for both the Summer and Winter Season. Does this date need to change for Winter (may need more discussion in the future)? Discussion surrounding the "Weather Years" and "Seasonal Aspects" section and whether they need to be moved to a different section or moved before the modeling and assumptions paragraph. Potentially bring this back to our March meeting for approval.

Demand Response Update

Discussion surrounding the talks in which the small group are partaking. Talked about what will also be discussed in the next few upcoming meetings. The small group is headed down the ELCC route for Controllable/Dispatchable Demand Response programs. The small group has had Market Design come and speak about the use of Demand Response in the Market. They are currently getting 100% accreditation but get called on very rarely in the market and they do not account for this MW value in the capacity they bring to the Market.

Winter Weather Resource Adequacy Requirement

This RR is to change the Winter Season Obligation into a Winter Season Resource Adequacy Requirement. The initial Planning Reserve Margin will be at 15% (same value for the summer and winter). Then the 2023 LOLE Study will provide a more detailed look into the Winter Season PRM needed to meet the Winter Requirements going forward. Discussion surrounding the Winter Outage language in Section 11.3.4. Members do not like being restricted to taking outages in the 4 shoulder months if this language is implemented for the winter season. Do we need to implement a small group with SAWG and ORWG to come to a consensus on this topic and to improve the language? In order to approve this language/RR then we will have to remove this language/section. Discussion surrounding the timeline for the Winter Season Resource Adequacy Requirement RR and that it will probably be going to MOPC in July 2023. Action Item: Look into getting a small group formed to better formulate the policy moving forward concerning Outages.

Administrative Items

1. Natasha Henderson adjourned the meeting at 5 pm on February 22, 2023

Meeting Minutes

February 23, 2023

Member Attendance

Aaron Castleberry	Oklahoma Gas & Electric
Aaron Ramsdell	Basin
Nate Jones as a Proxy for Adam Graff	Heartland
Amy Newton	City Utilities of Springfield
Ben Elsey	XCEL Energy
David Busse as a Proxy for Brian Berkstresser	Liberty Utilities
Colton Kennedy	Omaha Public Power District
David Sonntag	Western Farmers Electric Cooperative
Eric Alexander	GRDA
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Jim Fehr	Nebraska Public Power District
Jim Jacoby	American Electric Power
Jodi Knutson	WAPA
John Varnell	Tenaska
Natasha Henderson	Golden Spread Electric Cooperative
Armin Sehic as a Proxy for Tim Cerveny	MEAN
Tom Hestermann	Sunflower Electric Power Corporation
Tom Saitta	KMEA

Administrative Items

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RR Update

Implemented RR 499 and RR 516 in the newly released SPP Planning Criteria (<https://spp.org/documents/68856/spp%20planning%20criteria%20v4.0.pdf>). RR 508 was approved through all working groups including FERC with an effective date of 2/14/2023. RR 515 was submitted to FERC, FERC issued a Deficiency Notice and SPP responded to the Notice on 2/16/2023. RR 536 and RR 537 has been approved by all working groups and will be submitted to FERC by March 3rd. Discussion also surrounding the timeline for the Performance Based Accreditation RR and the Winter Season Resource Adequacy Requirement RR and that they will probably be going to MOPC in July 2023.

Action Item: To get a timeline set up for the Performance Based Accreditation and Winter Season Resource Adequacy Requirement RR's.

REAL Team

Quick overview of the group including the membership roster and scope.
This team has upcoming meetings on March 6 and March 27-28.

Uri and Elliott Presentation

CJ Brown (SPP Operations) presented data/slides on the Uri and Elliott Winter Weather events. Discuss how each resource type performed in each Winter Weather event compared to their average and to each winter weather event. What changes are needing to be made to improve Operations and to alleviate the risk during the winter season? This data is leading the Operations team to better understanding of how resources perform during these events.

SPP RTO Resource Adequacy Roadmap and Work Plan Review

Discussion surrounding the Roadmap process. Need to discuss how to rank/prioritize the submitted SIRs for Resource Adequacy. There has only been one submitted thus far. More are being submitted or have recently been submitted for the Resource Adequacy process. Need to check on these and make sure they are being added to our process and will need to rank/prioritize them in order to get them accomplished.

2021 Post Season Report

Presented report on the 2021 LRE load values including forecasted vs. actual demand values. Discussion surrounding the importance of this study and how to better use this study going forward. May need to determine some triggers for LREs to determine non-compliance with accurate forecasting methodologies. Some future improvements would be for the SAWG to determine some triggers and vote on them. Potential improvement for future years, LREs to provide feedback on their forecasting methodologies and provide reasoning as to why they were repeat offenders for Under Forecasting.

Resource Adequacy Data Requests

Discussion around the upcoming submittal deadlines for:

ELCC Study Data

- a) New Wind, Solar, and Energy Storage Resources due in EDST by 5/15
- b) Individual LRE Hourly Load shapes due by 6/1
- c) Engineered Wind and Solar hourly shapes for new facilities (less than 3 years Commercial Operation)

LOLE Study Data

- a) Demand Response Program parameters due 5/1
- b) Future resource plans due 5/1

Conventional Resource Outage Data

- a) NERC GADS Data due by 6/1
- b) Non-NERC GADS Data due by 6/1

EDST Update

Discussion was pushed to the March 2023 SAWG Meeting

Future Meetings

March 22, 2023 – Virtual Meeting – 8 am – 4 pm

April 13, 2023 – Virtual Meeting – 8 am – 4 pm

May 24 and 25, 2023 – Face to Face – Tulsa, OK (GRDA Offices) – (Day 1: 8 am – 5 pm)
(Day 2: 8 am – 12 pm)

June 28, 2023 – Net Conference – 8 am – 4pm

July – No Meeting

August 16, 2023 – Net Conference – 8 am – 4 pm

September 26 and 27, 2023 – Face to Face – Juno Beach, FL (Nextera Offices) – (Day 1: 8:30 am – 5:30 pm)
(Day 2: 8:30 am – 12:30 pm)

October 18, 2023 – Net Conference – 8 am – 4 pm

November 2023 – No Meeting

December 6 and 7, 2023 – Face to Face – Denver, CO (Xcel Energy Offices) – (Day 1: 8 am – 5 pm)
(Day 2: 8 am – 12 pm)



Administrative Items

3. Natasha Henderson adjourned the meeting at 12 pm on February 23, 2023

Respectfully Submitted,

Brad Payne

Secretary