

Southwest Power Pool
Supply Adequacy Working Group
Face to Face Conference – Kansas City, MO (Eversource Office)

June 28th: 8 am – 6:30 pm

June 29th: 8 am – 12 pm

Summary of Motions and Action Items

1. Motion: To approve the May 24-25, 2023 Meeting Minutes.
Motion made by Keaton Riddle.
Motion was 2nd by Jim Jacoby.
The Motion **Passed** unanimously with zero abstentions.
2. Action Item: Get REAL and Performance Based Accreditation Presentations Posted in Meeting Materials
3. Straw Poll #1: Path for Tariff Language
 - a. **Stay with Resource Adequacy Requirement (new language proposal) - remove monetary penalty for FTS in Resource Adequacy (14 Votes)**
 - b. Have two Requirements: Resource Adequacy Requirement and the Net Peak Demand Requirement (language from May meeting) - Keeps the monetary penalty for FTS in Resource Adequacy (0 Votes)
4. Straw Poll #2: Net Peak Demand
 - a. **Stay with the current proposed tariff language and create Optional Capability test requirements for wind/solar/run the river (13 Votes)**
 - b. Define this language to exclude Variable Energy Resources (1 Votes)
 - c. Use accredited capacity instead of Capability test to meet load obligations (0 Votes)
5. Straw Poll #3: Should the 'catastrophic outage exemption' process apply to partial unit forced outages or de-rates?
 - a. **Yes (9 Votes)**
 - b. No (7 Votes)
6. Straw Poll #4: Minimum duration to qualify for catastrophic outage exemption
 - a. 1 Month (1 Vote)
 - b. 2 Months (1 Vote)
 - c. 3 Months (2 Votes)
 - d. **4 Months (8 Votes)**
 - e. 6 Months (5 Votes)
7. Straw Poll #5: Limit on reoccurring catastrophic outages that can be exempted:
 - a. An outage may not qualify for a catastrophic outage exemption if an outage has previously been exempted for the same primary cause for the same unit (1 Vote)
 - b. Only a single catastrophic outage exemption can be utilized for any given 5 year period for a single unit for the same outage cause (3 Votes)
 - c. **Only a single catastrophic outage exemption can be utilized for any given 5 year period for a single unit (11 Votes)**
 - d. No limitation on reoccurring catastrophic outages (1 Vote)
8. Straw Poll #6: 5 Year period for catastrophic outages
 - a. **Rolling Window (8 Votes)**
 - b. Once per 5 year (6 Votes)

9. Straw Poll #7: Requirement for Generator Owner to attest that the primary cause is substantially mitigated to qualify for exemption
- a. Yes (12 Votes)
 - b. No (5 Votes)
10. Straw Poll #8: Requirement for procurement of replacement accredited capacity for the period of the catastrophic outage
- a. Yes (1 Vote)
 - b. No (14 Votes)
11. Straw Poll #9: Should the catastrophic outages and consider future OMC events (as defined by NERC) exemption apply to ELCC resources?
- a. Yes (17 Votes)
 - b. No (0 Votes)
12. Straw Poll #10: Catastrophic Outages
- a. Stay with 5 years with exemption for catastrophic outages (5 Votes)
 - b. 10 years of data without exemption for catastrophic outages (2 Votes)
 - c. 5 years with exemption for catastrophic outages moving to 10 years without exemption for catastrophic outages beginning with summer season 2032 (7 Votes)
13. Straw poll #11: Study of firm transmission service if we go with 2 tiers
- a. Study up to nameplate with a minimum of firm above class average, pro-rata depending on the % of firm against the class average (3 votes)
 - b. Study only MW that have firm transmission service in Tier 1 (12 votes)
14. Straw poll #12: ELCC Study Tiers/Structure
- a. Keep current policy with 35% for wind, 20% for solar (3 votes)
 - b. Keep tier of 20% for solar, remove for wind (0 votes)
 - c. Remove both, Go to 2 tiers (one fts and one non-fts); Study only MW that have firm transmission service in Tier 1 (13 votes)
15. Straw Poll #13: LOLE and ELCC Study Alignment
- a. Adopt this language into the RR (9 votes)
 - b. Stay with current methodology (2 votes)
16. Action Item: Get Demand Response small group meetings set up for July
17. Action Item: Set up a ½ day meeting for July SAWG Meeting. July 21st from 8 am - 12 pm; make sure Tenaska can host both days.

Meeting Minutes

June 28, 2023

Member Attendance

Aaron Castleberry	Oklahoma Gas & Electric
Aaron Ramsdell	Basin
Adam Graff	Heartland
Jerry Bradshaw as Proxy for Amy Newton	City Utilities of Springfield
Ben Elsey	XCEL Energy
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
Jim Fehr
Jim Jacoby
Jodi Knutson
John Varnell
Keaton Riddle
Rob Janssen
Steve Gaw
Tom Hestermann
Tom Saitta

NextEra Energy Resources
Nebraska Public Power District
American Electric Power
WAPA
Tenaska
Eversource
Dogwood
Advanced Power Alliance
Sunflower Electric Power Corporation
KMEA

Administrative Items

1. SAWG Chair, Colton Kennedy, called the meeting to order at 8:00 am on June 28, 2023
2. Notice of Quorum
3. The draft agenda was reviewed

Consent Agenda

Motion to approve the May 24-25, 2023 Meeting Minutes. Motion was made by Keaton Riddle. Motion was 2nd by Jim Jacoby. The Motion passed unanimously with zero abstentions.

REAL Team Update

Casey Cathey presented the recent discussion taken place at the REAL team. Looking into getting a workshop set up for Dallas on September 7th (notice will be sent out to attend in person or virtually). Burns and McDonnell will be performing the EUE study and will use the same model as SPP.

Each subgroup (Operations - Adam Graff, Markets - Jeff Plew, and RA - Aaron Ramsdell) discussed items that are being included in their subgroups.

Operations - RAMP, Resource Retention, Resource Outage Policy

Markets - VOLL, Ancillary Service Products,

Resource Adequacy - PBA, ELCC, Demand Response, Fuel Assurance

Action Item: Post this presentation

Performance Based Accreditation

Discussion surrounding the moving firm transmission service to a requirement of the SPP tariff without carrying a deficiency payment mechanism. Discuss the definition clean up that was requested from the May SAWG Meeting. This allows one Resource Adequacy Requirement and the definition of Accredited Capacity. Discussion surrounding the excess firm transmission service MW being used to satisfy the Summer or Winter Season Net Peak Demand if backed by a Capability Test. Is this language equitable or do we want to include to apply this to Variable Energy Resources?

Straw Poll #1: Path for Tariff Language

- a. Stay with Resource Adequacy Requirement (new language proposal) - remove monetary penalty for FTS in Resource Adequacy (14 Votes)
- b. Have two Requirements: Resource Adequacy Requirement and the Net Peak Demand Requirement (language from May meeting) - Keeps the monetary penalty for FTS in Resource Adequacy (0 Votes)

Straw Poll #2: Net Peak Demand

- a. Stay with the current proposed tariff language and create Optional Capability test requirements for wind/solar/run the river (13 Votes)
- b. Define this language to exclude Variable Energy Resources (1 Votes)
- c. Use accredited capacity instead of Capability test to meet load obligations (0 Votes)

Go through the Performance Based Accreditation RR submitted comments. Comments were submitted by Municipal Energy Agency of Nebraska, Advanced Power Alliance, and Clean Energy Organizations. Discussion surrounding the OMC events and what made up the 10% in terms of fuel types as well as the class average values from the '17-'21 GADS data.

Straw Poll #3: Should the 'catastrophic outage exemption' process apply to partial unit forced outages or de-rates?

- a. Yes (9 Votes)
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Straw Poll #4: Minimum duration to qualify for catastrophic outage exemption

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- b. 2 Months (1 Vote)
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- d. 4 Months (8 Votes)
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Straw Poll #5: Limit on reoccurring catastrophic outages that can be exempted:

- a. An outage may not qualify for a catastrophic outage exemption if an outage has previously been exempted for the same primary cause for the same unit (1 Vote)
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- d. No limitation on reoccurring catastrophic outages (1 Vote)

Straw Poll #6: 5 Year period for catastrophic outages

- a. Rolling Window (8 Votes)
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Action Item: Post this Presentation

Voted to extend Day 1 meeting till 6:30 pm

ELCC

Discussed member submitted comments. Received comments from SPP Market Monitoring Unit, City Utilities of Springfield, Oklahoma Gas and Electric, and Clean Energy Organization. Discussion surrounding the Tier 1 and 2 limits for wind/solar at the 35% and 20%. How did these values come about and do we need to re-evaluate them in the tier process? Discussion taking place around potential straw polls for tomorrow mornings meeting and also talked about the alignment of the LOLE and ELCC study values.

Administrative Items

4. Colton Kennedy adjourned the meeting at 6:30 pm on June 28, 2023

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Aaron Ramsdell	Basin
Adam Graff	Heartland
Jerry Bradshaw as Proxy for Amy Newton	City Utilities of Springfield
Ben Elsey	XCEL Energy
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
Keaton Riddle	Evergy
Rob Janssen	Dogwood
Steve Gaw	Advanced Power Alliance
Tom Hestermann	Sunflower Electric Power Corporation
Tom Saitta	KMEA

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ELCC

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- b. **Study only MW that have firm transmission service in Tier 1 (12 votes)**

Straw poll #12: ELCC Study Tiers/Structure

- a. Keep current policy with 35% for wind, 20% for solar (3 votes)
- b. Keep tier of 20% for solar, remove for wind (0 votes)
- c. **Remove both, Go to 2 tiers (one fts and one non-fts); Study only MW that have firm transmission service in Tier 1 (13 votes)**

Straw Poll #13: LOLE and ELCC Study Alignment

- a. **Adopt this language into the RR (9 votes)**
- b. Stay with current methodology (2 votes)

Demand Response

Policy paper is posted in the meeting materials. Demand Response small group will begin meeting again in July. Discussion surrounding the Demand Response and LOLE study and how they are studied. In the LOLE study SPP is studying demand response as the actual program with their given parameters that were sent to us from the entities with Demand Response programs.

Action Item: Get meetings set up for July

RAMP

Discussion surrounding the RAMP product and what is being discussed at the REAL subgroup. Most SAWG members think this should be a market product and not in the Resource Adequacy Requirement process. Issues with equity towards conventional resources since wind/solar resources are causing the ramp need.

Flexible Capacity Need (LRE) = Δ Load (LRE) – Δ Wind (LRE) – Δ Solar (LRE)

June Report

The June Resource Adequacy Report is posted in the meeting materials and on the SPP website. Do we need to look at adding future resource plans in the future years? SPP added different categories for Deliverable Capacity Purchases and Deliverable Capacity Sales to each LRE's chart. Discussion around the Wind Values, both ELCC and Pre-ELCC values.

LOLE Study

Discuss the process and where SPP is in the study process. Looking to finish up the 6/1 submittals and modeling assumptions/data clean up by 7/14. Then start the simulation process on 7/17. Hope to have results in late Q3/early Q4. Discussion about the Year 3 and Year 6 resource additions and retirements that were submitted to us by the GO's and LRE's.

RR 549 Winter Season Resource Adequacy Requirement

Approved by SAWG on May 5, 2023. Approved by CAWG on June 6, 2023. Approved by RTWG on June 22, 2023. Approved by IRATF on June 26, 2023. Next steps are that it is going to MOPC on July 10, 2023

SAWG Membership Vacancy

The nomination/selection process is complete. Steve Gaw was recommended for SAWG Membership. He was approved and wanted to welcome him to the SAWG.

EDST/Data Update

Discussion surrounding next steps in process for data. June Report is posted. Next step is to complete the Post Season Report. EDST 2023.1.0 Member Testing Dates are from July 12-26. Then we will release into Production on July 27th. Will send an email when we start Member Testing.

Future Meetings

July 20, 2023 – Face to Face – Irving, TX (Tenaska Offices) – 8 am – 5 pm

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. Colton Kennedy adjourned the meeting at 12 pm on June 29, 2023

Respectfully Submitted,

Brad Payne

Secretary