

Supply Adequacy Working Group

AEP Office - 41st Floor

Dallas, Texas

May 28 and 29th, 2019

Day 1: 1:00 p.m. – 5:00 p.m.

Day 2 8:00 a.m. – 3:00 p.m.

• M I N U T E S •

Day 1 Attendance

Aaron Castleberry	Oklahoma Gas & Electric
Aaron Ramsdell	Basin Electric Power Coop. (<i>proxy Jason Mazigian</i>)
Bennie Weeks	SPS (Xcel Energy Services) (<i>proxy Ashley Gibbons</i>)
Brad Hans	Municipal Energy Agency of Nebraska
Brian Berkstresser	Empire (<i>proxy Todd Tarter</i>)
Douglas Jasa	KCPL and Westar, Evergy Companies
Eric Alexander	Grand River Dam Authority
Ernesto Perez	GDS Associates, Inc.
Jim Jacoby	American Electric Power
Jodi Knutson	Western Area Power Administration
Jon Iverson	Omaha Public Power District
John Varnell	Tenaska
Kenny Hale	City Utilities of Springfield, MO
Natasha Henderson	Golden Spread Electric Cooperative
Phillip Schaeffer	Western Farmer Electric Cooperative
Rob Janssen	Dogwood
Tom Hestermann	Sunflower Electric Power Corporation
Thomas Saitta	Kansas Municipal Energy Agency
Traci Bender	Nebraska Public Power District
Walt Cecil*	Missouri PSC
Shawnee Claiborn-Pinto*	PUC of Texas

** Liaison member*

Day 2 Attendance

Aaron Castleberry	Oklahoma Gas & Electric
Aaron Ramsdell	Basin Electric Power Coop. (<i>proxy Jason Mazigian</i>)
Bennie Weeks	SPS (Xcel Energy Services) (<i>proxy Ashley Gibbons</i>)
Brad Hans	Municipal Energy Agency of Nebraska
Brian Berkstresser	Empire (<i>proxy Todd Tarter</i>)
Douglas Jasa	KCPL and Westar, Evergy Companies
Eric Alexander	Grand River Dam Authority

Ernesto Perez	GDS Associates, Inc.
Jim Jacoby	American Electric Power (<i>proxy Woody Lally</i>)
Jodi Knutson	Western Area Power Administration
Jon Iverson	Omaha Public Power District
John Varnell	Tenaska
Kenny Hale	City Utilities of Springfield, MO
Phillip Schaeffer	Western Farmer Electric Cooperative
Rob Janssen	Dogwood
Tom Hestermann	Sunflower Electric Power Corporation
Thomas Saitta	Kansas Municipal Energy Agency
Traci Bender	Nebraska Public Power District (<i>proxy Jim Fehr after lunch</i>)
Walt Cecil*	Missouri PSC
Shawnee Claiborn-Pinto*	PUC of Texas

* Liaison member

Day 1: Agenda Item 1 – Welcome, Proxies, and Agenda Discussion

SAWG Chair Brad Hans (MEAN) called the meeting to order at 1:00 p.m.

Administrative Items

Roll call was taken and introductions.

No comments on the April meeting minutes, minutes approved.

Motion to approve draft agenda was made by Rob Janssen and seconded by Tom Hestermann, agenda approved.

Agenda Item 2– ELCC Discussion/Straw Polls

Chris Haley presented several discussion items to the SAWG on ELCC and several straw polls were presented to get consensus on the direction on ELCC. There will be more discussion and likely more straw polls at the June meeting.

The straw poll motions and details around the straw polls are listed below.

ELCC Transition Period:

Straw Poll: ELCC for all wind resources would take effect for the 2023 summer season

Vote Results: 15-3 (3 no votes wanted effective timeline to be the 2024 summer season)

- Wind Resources will maintain their accreditation as calculated by 7.1.5.3 (7) until the end of the transition period
- SPP will request LRE hourly load data in 2019 and allocate the 2019 ELCC study results to each LRE for informational purposes only
 - This allows the LREs to see what the ELCC results for their wind and begin to prepare for the migration to ELCC
 - Data request for LRE data will go out by the end of June 2019

- Data request will be for years 2012-2018
- SPP would perform an ELCC study in 2020 and 2021 and allocate to each LRE for informational purposes

Approach for determining Tier 1 and 2 resources

Straw Poll: Approve the recommended approach for determining Tier 1 and 2 resources. Tier 1 will be studied first and allocated the initial accreditation; Tier 2 will be studied second and allocated the remaining accreditation.

Vote Results: 17-1

- Tier 1
 - Study all firm Designated Resources (DR) for the DR MW (firm service) amount only
 - For example, if an LRE has 100 MW wind contract, but only 30 MWs of Firm Service the 30 MWs would be studied in Tier 1
- Tier 2
 - For DRs the additional MW amount between the firm service amount and contract or nameplate amount will be studied
 - Includes all Deliverable Capacity and energy only resources

Allocation of MWs to load for Tier 1 and Tier 2 resources

Straw Poll: Allocate Tier 1 to LRE load

Straw Poll: Allocate Tier 2 to SPP BA Load

Results: 18-0

- Tier 1
 - Allocate MWs from Tier 1 to the LRE load for each windfarm
 - If an LRE doesn't provided data by June 1, their resource will get studied in Tier 2 and allocated to BA load
 - Requires LREs to annually submit the previous year's hourly wind data
- Tier 2
 - Leftover MWs and Deliverable Capacity to SPP BA Load

Hours/years used for the allocation methodology

Straw Poll: Long-term methodology for allocating the ELCC MWs for wind back to each LRE, as described below.

Results: 18-0

Select the hourly net power output values occurring during the top 3% of load hours for the LRE/BA for the peak season that is being analyzed.

- Values will be averaged together to determine the amount of historical production
- Facilities in commercial operation 3 years or less:
 - (The data must include the most recent 3 years.
 - New wind facilities and facilities that do not have 3 years of data will be supplemented by the nearest wind facility to complete the appropriate data set.
- Facilities in commercial operation 4 years and greater:
 - The data must include all available data up to the most recent 10 years of commercial operation.
 - Only metered hourly net power output (MWH) data may be used.

Have both a winter and summer accreditation?

ELCC would be performed on the summer and winter seasons starting in 2020 for information purposes

Action item: How do we validate winter ratings without running two ELCC studies? Look at the difference between the 7.1.5.3 summer accreditation versus the ELCC summer accreditation and then apply that ratio to the winter accreditation. Staff to benchmark results.

Posting ELCC Results:

October 1 of every year for summer values

Years used to determine the average ELCC

- 2012-2018

Day 1: Brad Hans (MEAN) adjourned the meeting at 5:02 p.m.

Day 2: Agenda Item 1 – Welcome, Proxies, and Agenda Discussion

Rob Janssen (Dogwood) in the absence of the Chair and Vice-Chair filled in as acting Chair and called the meeting to order at 8:00 a.m.

Administrative Items

Roll call was taken and introductions.

Agenda Item 3 – ELCC Discussion Continued

See all minutes under Day 1 discussion.

Agenda Item 5– HITT Update

Paul and Rob gave an overview of the HITT recommendations and described how they could affect the SAWG. There will be more discussion at the June meeting and as more details are released.

Agenda Item 6– LOLE Update/Straw Poll

Alex gave an overview of the LOLE zones and methodology used to determine the recommended zonal breakout. The hybrid zones that staff recommended based on reliability constraints was approved by a straw poll vote.



Straw Poll: Staff Recommends Option 3 for LOLE zones

Results: 14-0

Agenda Item 7– DER Update

Chris Haley updated the group that the DER whitepaper and RR were still being reviewed internally and stated that these policies would not be effective for the 2020 summer season.

Rob Janssen (Dogwood) adjourned the meeting at 2:41 p.m.

Respectfully Submitted,

Chris Haley

Secretary

(Attachment 1 –May 28th Attendance)

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(Attachment 1 – May 29th Attendance)

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