

**Southwest Power Pool**  
**SUPPLY ADEQUACY WORKING GROUP MEETING**  
**February 21<sup>st</sup> and 22<sup>nd</sup>, 2017**  
**KCPL Offices, Kansas City, Missouri**

**• Summary of Action Items •**

1. Wind and Load charts that compare 2011-2016
2. Pursue ELCC methodology for accreditation of wind
3. Research wind and load data for LOLE study to determine if 2015 is the right year to use
4. Determine if agents be designated on behalf of GO's for the Deliverability Study Results
5. Determine if an interconnection rule is needed in the Deliverability Study Scope for dispatch non-SPP units that are at the same point of interconnection
6. Work on creating a list of FAQ's for the Resource Adequacy process
7. Research wind accreditation forecast over the next five years
8. For load forecast uncertainty look at peak hour forecast versus the actual hour
9. Schedule a joint ORWG and TWG meeting in April or May to discuss Deliverability Study
10. Staff clean up charter and bring back in April

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• M I N U T E S •

**Agenda Item 1 – Welcome, Proxies, and Agenda Discussion**

SPP Chair Brad Hans (MEAN) called the meeting to order at 8:30 a.m. The following members were in attendance or represented by proxy:

Brad Hans	MEAN
Brian Hurst	GRDA (proxy for Brian Hurst)
Traci Bender	NPPD
Aaron Castleberry	OGE
Aaron Ramsdell	BEPC
Adam Graff	Heartland
Kenny Hale	City Utilities Springfield
Natasha Henderson	GSEC
Tom Hestermann	Sunflower
Jon Iverson	OPPD
Robert Janssen	Dogwood
Jim Jacoby	AEP
Jodi Knutson	WAPA
Pat McCool	KCPL
Enersto Perez	GDS
Bryan Taggart	Westar
John Varnell	Tenaska
Bennie Weeks	Xcel
Mitchell Williams	WFEC
Walt Cecil*	MOPSC
Scott Bents*	Iowa Utilities Board

\* *liaison members*

Other meeting attendees:

Alex Crawford	SPP	Lisa Stites	Westar
Bill Turnbull	MidAmerican	Margaret McGoldrick	MJMEUC
Brian Rounds	AESL Consulting	Marisa Choate	SPP
Chris Dodds	Westar	Neil Hammer	MidAmerican
Chris Haley	SPP	Neil Rowland	KMEA
Chris Matos	GSEC	Nicole Wagner	SPP
Darin Bloomquist	NEGT	Randy Root	GRDA
David Melvin	Oklahoma Corporation Commission	Rick Running	AECC

Ella Caillouette	Northwestern	Robert Pick	NPPD
Jason Mazigian	BEPC	Robert Safuto	Customized Energy Solutions
Jeff Henckel	Northwestern	Robert Shields	AECC
Jenni Sudduth	AECC	Ron Thompson	NPPD
Jerry Tielke	Missouri River Energy Services	Roy True	ACES
Jim Fehr	NPPD	Scott Koehler	LES
John Bell	KCC	Scott Lee	OGE
John Boshears	City Utilities Springfield	Steve Gaw	Wind Coalition
John Stephens	City Utilities Springfield	Steve Ryan	MidAmerican
Jonathan Hatthorn	INDN	Tamika Barker	SPP
Jon Langford	SPP	Tim Hooker	GRDA
Jon Sunneberg	NPPD	Tim Owens	NPPD
Kevin Kingsley	MDU	Tom Saitta	KMEA
		Woody Lally	AEP
		Zac Hager	OGE

**Agenda Item 2 – Minutes Approval**

Tom Hestermann made a motion and Brian Berkstresser seconded to approve the January meeting minutes. The motion passed with no opposition and no abstentions.

**Agenda Item 3 -LOLE Study Scope**

Alex Crawford and Chris Haley reviewed the wind and load shapes for the years 2011- 2016 with the main emphasis being on the years 2014-2016. The SAWG asked staff to include data all the way back to 2007 for wind and load for comparison. The SAWG asked staff to analyze the wind uncertainty and bring the results back to the March meeting. The load forecast uncertainty was discussed and staff is going to propose two different methods at the March meeting. One method will be a set uncertainty level for all of the BA and the other will be each legacy BA having their own uncertainty level.

Based on the Astrape presentation given to the SAWG at the January meeting the SAWG voted to pursue the transition to the SERVVM software. The transition includes a benchmark study performed by Astrape staff. The results of the benchmark study will be compared against the results from the GridView study, performed by staff, and both sets of results will be presented to the SAWG, for review. Staff gave an update on the latest SERVVM contract negotiations and pricing.

Staff took several action items to research will present the results of these efforts to the SAWG throughout the scoping effort.

**Agenda Item 4 – Deliverability Study Results Overview**

Alex Crawford and Chris Haley presented the deliverability scope and captured several action items to research and present the results of these efforts to the SAWG throughout the scoping effort.

**Agenda Item 5 – Non-Coincident vs Coincident Discussion Kickoff**

Chris Haley kicked off this discussion and Brad Hans gave an overview of the MISO methodology. Staff captured several action items and will do research and come up with a business plan. Brad volunteered to create a spreadsheet format that will capture the peak hour for June – September for years 2011-2014. This will be sent to the SAWG members to fill out and send back to staff.

**Agenda Item 6 – Wind and Solar Report**

Derek Hawkins gave a presentation on what this report was trying to achieve and staff asked the SAWG for recommendations on how to improve the report and what footprint the report should capture. Staff will bring back more updated information to the SAWG at that March meeting.

**Agenda Item 7 – Resource Adequacy Workbook Update**

Alex Crawford gave an update on the LRE's and GO's that did not submit their RAW by Feb. 15<sup>th</sup>.

**Agenda Item 8 – April Initial Report Format Discussion**

Chris Haley asked the SAWG for direction on the format of the report that is to be published April 1<sup>st</sup>. The SAWG wants to look at the current summer and then a 5 year short-term snapshot.

**Agenda Item 11 – NERC Standard Discussion**

Shannon Mickens gave an update on the current NERC standard review.

**Agenda Item 12 – Upcoming Meeting Schedule/Adjourn**

Brad Hans (MEAN) thanked the group and adjourned the meeting at 11:53 a.m.

Respectfully Submitted,

Chris Haley  
Secretary