

SOUTHWEST POWER POOL
Future Grid Strategy Advisory Group Meeting

October 1, 2024
Webex / Teleconference Meeting

SUMMARY OF ACTION ITEMS

ACTION ITEM UPDATES

Action Item 23: Afshin Salehian has worked to get updates on Phasor Measurement Unit (PMU) deployments and we expect a presentation from Michael Nugent at the 11/18 FGSAG meeting.

Action Item 31: Requirements for a reporting mechanism are defined and ongoing reporting will be provided to FGSAG when the updated reporting structure is released. Interim reporting options are being reviewed.

Action Item 34: Closed

Action Item 35: Closed

Action Item 37: Closed

Action Item 38: Closed

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MINUTES

AGENDA ITEM 1 – CALL TO ORDER

Mark Ahlstrom (NextEra), chair, called the meeting to order at 9:01 a.m. CT.

AGENDA ITEM 2 – STATEMENTS AND ATTENDANCE

Mark Hodges (SPP) reminded attendees that this meeting was public and read the anti-trust notice. The following members were in attendance:

Mark Ahlstrom, NextEra, Chair
Brad Cochran, Oklahoma Gas and Electric
Lee Elliott, Invenergy
Evan Kinney, Nebraska Public Power District
Natalie McIntire, Sustainable FERC Project
Marie Thompson, Southern Power
Glen Halley, City Utilities

A quorum was present for the meeting and the following absences were noted:

- Mike Della Penna (Google), Kamran Ali (AEP), Corey Linville (Sunflower), Denise Buffington (Evergy), Steve Gaw (Advanced Power Alliance), and Gayle Nansel (Western Area Power Administration) were absent from the meeting and not represented by proxy.
- Brian Drumm (ITC Great Plains) was absent from the meeting and represented by Nick Abraham (ITC Great Plains) as proxy.

A comprehensive attendance list is provided in Attachment 1.

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AGENDA ITEM 3 – CONSENT AGENDA

Mark Ahlstrom presented the consent agenda to the group. The items included the meeting minutes from August 12, 2024, and the meeting agenda for October 1, 2024, with a correction to the date for the November meeting, which will be November 18. Lee Elliot (Invenergy) motioned to approve the consent agenda as presented. Evan Kinney (Nebraska Public Power District) seconded the motion. The motion passed with no opposition or abstentions.

AGENDA ITEM 4 – ACTION ITEM REVIEW

Mark Hodges reviewed the action items from the previous meeting giving specific attention to action items 23 (Phasor Measurement Unit project under review and update to be presented at the next meeting) and 31 (requirements are defined and ongoing reporting will be provided to FGSAG when available). Action items 34, 35, 37, and 38 are now closed.

The complete action item list as reviewed is located with the pre-meeting materials [here](#).

AGENDA ITEM 5 – 2024 FGSAG RECOMMENDATION NEXT EDITION: ADDENDUM VOTING

Sam Ellis (SPP) led the group through a final review of the Addendum to the 2023 FGSAG Report. Sam also noted that upon FGSAG approval, the Addendum will be shared with the Strategic Planning Committee as a consent agenda item.

Sam presented the following draft motion: *“Motion that the FGSAG approve the addendum, which identifies significant new or changes items relative to the original FGSAG Report, and that it be formally incorporated into the overall FGSAG recommendation document as ‘2024 Addendum.’”*

Lee Elliott suggested the removal of “which identifies significant new or changed items relative to the original FGSAG report” as being implied by the issuance of the Addendum, to the agreement of the group.

The revised motion: *“Motion for FGSAG to approve the FGSAG Report Addendum and that it be formally incorporated into the overall FGSAG recommendation document as ‘2024 Addendum’”* was made by Lee Elliott (Invenergy). Natalie McIntire (Sustainable FERC Project) seconded. The motion passed unanimously.

Sam then led the group through the prioritization of the recommendations contained in the addendum. These recommendations will be shared with relevant stakeholder working groups along with the FGSAG’s recommended prioritization of each eligible item. Mark Ahlstrom

provided an overview of the prioritization definitions. Mark Hodges provided an overview of the rationale behind which recommendations should be prioritized or simply affirmed or rejected. Prioritization criteria is referenced in the meeting materials.

(Table of these items follows on the next page)

Recommendation	Voting Outcome
<p>Recommendation AD24-1: FGSAG will continue oversight of the Future Energy & Resource Needs Study (FERNS) and make recommendations based on study results</p>	<p>Affirmed with no abstentions or opposition</p>
<p>Recommendation AD24-2: FGSAG should monitor the development of the Load of the Future white paper, review the analysis conducted by EER, and help to establish the guiding principles for future SPP policies.</p>	<p>Affirmed with no abstentions or opposition</p>
<p>Recommendation AD24-3: SPP will consider adding the locations of large loads identified in the Load of the Future efforts into future transmission planning. The FGSAG recommends that (1) SPP develop a methodology for adding the locations of large loads and (2) include in transmission planning studies an objectively-derived long-term load forecast to identify the transmission needs of future loads.</p>	<p>High 6 votes for high 1 vote for medium 0 votes for low 1 Abstention</p>
<p>Recommendation AD24-4: SPP will determine what mechanisms and market-design incentives could be implemented to encourage demand flexibility in order to achieve more efficient load profile for SPP.</p>	<p>Medium 0 votes for high 7 votes for medium 1 votes for low</p>
<p>Recommendation AD24-5: SPP will determine mechanisms for the flexibility of load, including emerging large, flexible loads, to help meet SPP’s regional needs with the impacts on energy and resource adequacy, in addressing issues with connecting new loads</p>	<p>High Initial vote: 4 votes for high 4 votes for medium 0 votes for low</p> <p><i>Mark Ahlstrom motioned to make AD24-5 a high priority; Natalie McIntire seconded. Four approved; Three opposed; One abstention</i></p>
<p>Recommendation AD24-6: SPP should explore opportunities for AI through workshops and discussion forums and make proposals to the FGSAG and Strategic Planning Committee regarding the strategic opportunities and challenges that AI poses.</p>	<p>Affirmed with no abstentions or opposition</p>
<p>Recommendation AD24-7: SPP will educate stakeholders and further develop opportunities for GETs, outlining specific technologies and their role in determining short-term and long-term transmission and operational solutions for the technologies identified.</p>	<p>Medium 0 votes for high 8 votes for medium 0 votes for low</p>
<p>Recommendation AD24-8: Consider GETs to address NTC delays and/or to address ITP reliability and/or congestion needs sooner.</p>	<p>High 5 votes for high 3 votes for medium 0 votes for low</p>

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AGENDA ITEM 6 – LOAD OF THE FUTURE

Yassar Bahbaz (SPP) provided an update on the Load of the Future work within the Markets organization. The work is focused on: Performing an assessment of existing processes and developing policies pertinent to non-standard load times and configurations; developing guiding principles to ensure optimal outcomes and consistency; and outlining and informing future policies.

The work is centered around: Embracing load growth in the region; making the SPP footprint a viable region for capturing market share of the anticipated growth in energy demand; creating a sustainable model to facilitate the fast-growing need in energy demand; and implementing a holistic approach that addresses reliability and resiliency and incentivizes economic growth in the region.

Next steps include internal coordination, development of a white paper in the first quarter of 2025, and coordination of that white paper with impacted working groups.

AGENDA ITEM 7 – POTENTIAL BENEFITS FROM GRID-FORMING INVERTERS AND GRID FORMING BESS

Frank Berring (SMA America) presented to the group regarding grid-forming inverter fundamentals, specifications, and capabilities including grid stability services.

AGENDA ITEM 8 – FERNS AND TECHNICAL REVIEW COMMITTEE UPDATE

Afshin Salehian (SPP) provided an update on the FERNS. The draft report from the study is ready and final results will be presented to the FGSAG in Q1 2025.

AGENDA ITEM 9 – MEETING FEEDBACK

Mark Hodges provided the QR code and link for attendees to assess the effectiveness of today's meeting.

AGENDA ITEM 10 – SUMMARY OF ACTION ITEMS

No new action items were captured. Mark Hodges encouraged members to review the post-meeting materials, which will include a final copy of the Addendum updated with recommendations prioritized in today's meeting and a schedule of 2025 meetings.

AGENDA ITEM 11 – DISCUSSION OF FUTURE MEETINGS

Mark Ahlstrom noted that the next meeting will be held via Webinar on November 18, 2024, from 9am – 11am CST. Mark Hodges shared 2025 meeting dates, which are posted online for registration. 2025 meetings can be viewed and registration can be completed at this link:

[FGSAG 2025 Meetings](#)

2025 Meeting Dates:

Feb. 17, 2025: 9-11am (Webex)

Mar. 24, 2025: 9-11am (Webex)

May 19, 2025: 9-11am (Webex)

Jun. 30, 2025: 9-11am (Webex)

Aug. 25, 2025: 9-11am (Webex)

Sep. 23, 2025: 9am-3pm (in-person – SPP Little Rock)

Nov. 17, 2025: 9-11am (Webex)

AGENDA ITEM 12 – ADJOURNMENT

Mark Ahlstrom adjourned the meeting at 11:18 a.m. CST.

Respectfully Submitted,

April Wingfield on behalf of
Sam Ellis, Secretary

Attachments: Meeting Attendance Record

Attachment 1 – Meeting Attendance Record

First Name	Last Name	Company
Nick	Abraham	ITC Great Plains, proxy for Brian Drumm
Mark	Ahlstrom	NextEra Energy Resources
Paul	Antony	Gabel Associates
Yasser	Bahbaz	Southwest Power Pool
Joshua	Baxter	Arkansas Public Service Commission
Frank	Berring	SMA America
Julie	Bissen	Omaha Public Power District
Jason	Chaplin	Oklahoma Corporation Commission
Brad	Cochran	Oklahoma Gas and Electric
Calvin	Daniels	Western Farmers Electric Cooperative
Daria	Diaz	Stone Pigman
Carrie	Dixon	Southwest Power Pool
Lee	Elliot	Invenergy
Sam	Ellis	Southwest Power Pool
Jim	Flucke	Eergy Companies
Serhat	Guney	Southwest Power Pool
Glen	Halley	City Utilities
Betty	Hampton	Healy Law Offices
Daniel	Harless	Southwest Power Pool
Jonathan	Hathorn	Southwest Power Pool
Dustin	Hicks	ExxonMobil
Mark	Hodges	Southwest Power Pool
Brooke	Keene	Southwest Power Pool
Evan	Kinney	Nebraska Public Power District
Jim	Krajecki	Customized Energy Solutions, LTD
Jonathan	McGinnis	Hemidall Power
Natalie	McIntire	Sustainable FERC Project, Natural Resources Defense Council
Kylah	McNabb	Vesta Strategic Solutions, LLC
Tom	Michelotti	Northwestern Energy
Joshua	Norton	Southwest Power Pool
Mark	Price	DC Energy Management
Afshin	Salehian	Southwest Power Pool
Walter	Shumate	Shumate & Associates
Hari	Singh	CORE Electric – Xcel Energy
Conner	Sweet	City Utilities
Marie	Thompson	Southern Power
Nicole	Wagner	Southwest Power Pool
April	Wingfield	Southwest Power Pool