

MDAG MINUTES

August 17, 2023

SOUTHWEST POWER POOL MODEL DEVELOPMENT ADVISORY GROUP MEETING

August 17, 2023 9:00 am – 12:00 pm (CST)

Conference Call

SUMMARY OF MOTIONS AND ACTION ITEMS

Action Items:

- **Action Item:** Send out straw poll for 1 or 2 in-person meetings as well as the meeting dates and times.
- **Action Item:** Add FERC Order 881 manual language updates to the MDAG Focus Group meetings.

Motions:

- **Motion:** John Vara motioned to approve the amended agenda as presented. Jesse Kreutzfeldt seconded the motion. The group did not voice concerns during the discussion of the motion. The motion passed unanimously.
- **Motion:** Mae Cruz motioned to approve July 13, 2023, meeting minutes as presented. Jerry Bradshaw seconded the motion. The group did not voice any additional concerns during the discussion of the motion. The motion passed.

MDAG MINUTES

August 17, 2023

SOUTHWEST POWER POOL MODEL DEVELOPMENT ADVISORY GROUP MEETING

August 17, 2023 9:00 am – 12:00 pm (CST)

Conference Call

MINUTES

AGENDA ITEM 1 – ADMINISTRATIVE ITEMS

AGENDA ITEM 1A & 1B – CALL TO ORDER AND ANTITRUST STATEMENT

SPP MDAG Chair, John Turner, called the meeting to order at 9:02 a.m. (CST) with Quorum. SPP Staff Secretary, Lottie Jones, read the anti-trust statement to the group.

MDAG MINUTES

August 17, 2023

AGENDA ITEM 1C & 1D – ATTENDANCE AND PROXIES

The following members attended or were represented by proxy:

MDAG Member	Present	Proxy	Present	Company
Tyler Baxter	Yes			Corn Belt Power Cooperative
Jerry Bradshaw	Yes			City Utilities of Springfield
Dustin Betz	Yes			Nebraska Public Power District
Preston Blinsky	Yes			Basin Electric Power Cooperative
Joe Fultz	Yes			Grand River Dam Authority
Brianna Haug	Yes			Western Area Power Administration, MDAG Vice-Chair
Steve Hohman	Yes			Omaha Public Power District
Reené Miranda	Yes	Mae Cruz	Yes	Southwestern Public Service
Alex Mucha	No			Oklahoma Municipal Power Authority
Scott Rainbolt	Yes	Martin Green	Yes	American Electric Power
Scott Schichtl	Yes			Arkansas Electric Cooperative Corporation
Jason Shook	No			GDS Associates
Liam Stringham	Yes			Sunflower Electric Power Corporation
John Turner	Yes			Western Farmers Electric Power, MDAG Chair
Lottie Jones	Yes			Southwest Power Pool, Inc., MDAG Secretary
John Vara	Yes			Golden Spread Electric
Ryan Baysinger	Yes			Evergy
Jesse Kreuzfeldt	Yes			Missouri River Energy Services

Material: AUG17_Attach2 - 1c. MDAG Conference Call Attendance-08-17-2023

MDAG MINUTES

August 17, 2023

AGENDA ITEM 1E – AGENDA REVIEW (**APPROVAL ITEM**)

John Turner, MDAG chair, asked the group if they had a chance to review the agenda and if the group had any modifications to the agenda.

Lottie Jones added the 2024 MDAG Meeting Schedule to the end of the agenda for this meeting.

Motion: John Vara motioned to approve the amended agenda as presented. Jesse Kreutzfeldt seconded the motion. The group did not voice concerns during the discussion of the motion. The motion passed unanimously.

Material: AUG17_Attach1- 1e. MDAG Meeting Agenda

AGENDA ITEM 1F – PREVIOUS JULY 13, 2023 MEETING MINUTES (**APPROVAL ITEM**)

Lottie Jones asked the group if they had any proposed changes for the previous July 13, 2023, meeting minutes.

Motion: Mae Cruz motioned to approve July 13, 2023, meeting minutes as presented. Jerry Bradshaw seconded the motion. The group did not voice any additional concerns during the discussion of the motion. The motion passed.

Material: AUG17_Attach3- 1f. July 13, 2023, Meeting Minutes.docx

MDAG MINUTES

August 17, 2023

AGENDA ITEM 2 – REVIEW OF PAST ACTION ITEMS

Lottie Jones discussed outstanding issues highlighted in red font, including the action items added from the last meeting. Lottie walked the group through updates on action items collected at the previous session and updates for existing in-progress action items.

- Action Item 164 – In-Progress – Bring it back to the MDAG FG Meeting in September.
- Action Item 206 – In-Progress – SPS to include this on the Roadmap Process with SPP providing support for the effort.

AGENDA ITEM 3 – MDAG FOCUS GROUP UPDATE

SPP staff, Eric Sullivan, updated the group on the July MDAG Focus Group topics as well as upcoming topics.

AGENDA ITEM 4 – NERC UPDATES

SPP staff, Shannon Mickens, discussed NERC updates as they relate to MOD-026-2 and MOD-032.

Currently MOD-026-1 and MOD-027-1 have been combined to make up MOD-026-2. MOD-026-2 does not seem to be a 1-1 comparison to MOD-027 at this time. This item could be discontinued based on voting of 46%. 46% fail is based on balloting and must be 67% or above in order to be considered passing. If the balloting does not go above 67% with re-phrasing/re-wording, the item may be discontinued.

The DP is not currently included in the applicability standard of MOD-032 placing PC's and TO's at a compliance risk. This is to be updated accordingly. SPP membership requested the timeline between updates and balloting. This depends on the drafting team but would likely be in the next month.

If you want the NERC bulletin delivered to you, you have to register for an ERO Portal (<https://eroportal.nerc.net/>) account, from there select the "NERC Email Distribution List" option.

AGENDA ITEM 5 – FERC 881 + SEASONAL RATINGS

Chris Colson, WAPA, updated the group on the FERC Order 881 and seasonal ratings discussion.

SPP membership asked if there is still the freedom to have many seasons that you are able to pick a rating for or is it more restrictive?

MDAG MINUTES

August 17, 2023

The language is not more prescriptive in order to give flexibility to the data submitter as to the ratings that they provide in their data. There will be an RR in the future in order to correct/amend the planning criteria. Data submitters will need to keep methodology documentation regarding how these decisions were made in regards to the ratings that were provided. The current ambient conditions of FAC-008 are acceptable.

SPP will have to retain this information for 5 years so that this data can be reviewed/audited at a later date.

FERC 881A contained some language concerns regarding relay loading limits. If your rating is going up, you could encroach on a relay loading limit. The current language in FERC Order 881 does not need revision in order to account for the above statements. There is currently a SPCWG White Paper stating that there is not currently an issue with the language as well.

This topic should remain at the MDAG Focus Group level in order to maintain eyes on it until the manual language has been updated in order to reflect the new changes.

AGENDA ITEM 6 – MODELING ASSIGNMENT

SPP staff, Kristie Brown, updated the group on the SPP modeling assignments.

AGENDA ITEM 7 – 2023 SERIES MODEL BUILD/APPLICATION UPDATES

AGENDA ITEM 7A - DYNAMICS

SPP staff, Zach Sabey, updated the group on the 2023 Series MDAG Dynamics model build.

Wind Initialization run-through did not show any significant concerns.

AGENDA ITEM 8 – 2024 SERIES MDAG MODEL BUILD/APPLICATION UPDATES

AGENDA ITEM 8A – POWERFLOW

SPP staff, Darian Richards, updated the group on the 2024 Series MDAG Powerflow model build.

SPP membership asked when MOD will be unlocked for data entry. MOD will be unlocked on Monday August 21st 2023.

AGENDA ITEM 8B – SHORT CIRCUIT

SPP staff, Eric Sullivan, updated the group on the 2024 Series MDAG Short Circuit model build.

AGENDA ITEM 8C – MOD-033

MDAG MINUTES

August 17, 2023

SPP staff, Eric Sullivan, updated the group on the 2024 Series MDAG MOD-033/WWE model build.

AGENDA ITEM 8D – EDST

SPP staff, Kristie Brown, provided the group with an EDST update.

AGENDA ITEM 9 – 2024 MDAG MEETING SCHEDULE

SPP staff, Lottie Jones, requested input from the group regarding 2024 MDAG meeting dates and times.

This schedule will be presented at the next MDAG meeting as well.

Action Item: Send out straw poll for 1 or 2 in-person meetings as well as the meeting dates and times.

AGENDA ITEM 10 – DISCUSSION OF FUTURE MEETINGS

MDAG Chair, John Turner, updated the group on upcoming meetings.

- a. MDAG: September 21, 2023 (9:00 AM – 12:00 PM)
 - i. EMT Modeling
 - ii. MOD File Builder 11.3
- b. MDAG FG: August 22, 2023 (1:00 PM – 3:00 PM)
 - i. Facilitate Technical Discussions
 - ii. MDAG changes (Manual, Schedule, etc.) must be discussed in FG before being brought to the MDAG

AGENDA ITEM 11 – SUMMARY OF ACTION ITEMS

Lottie discussed the action items from this meeting:

- **Action Item:** Send out straw poll for 1 or 2 in-person meetings as well as the meeting dates and times.
- **Action Item:** Add FERC Order 881 manual language updates to the MDAG Focus Group meetings.

MDAG MINUTES

August 17, 2023

AGENDA ITEM 13 – ADJOURN

John Turner adjourned the meeting at 11:29 a.m. (CST)

Respectfully Submitted,

Lottie Jones
Secretary

Eric Sullivan
Secretary Assistant

Attachments

AUG17_Attach1- 1e. MDAG Meeting Agenda.docx

AUG17_Attach2 - 1c. MDAG Conference Call Attendance-08-17-2023

AUG17_Attach3- 1f. July 13, 2023, Meeting Minutes.docx



SOUTHWEST POWER POOL, INC.

MODEL DEVELOPMENT ADVISORY GROUP MEETING

August 17, 2023

Conference Call

9:00 a.m. – 12:00 p.m. (CST)

AGENDA

1. Administrative Items.....John Turner (10 mins)
 - a. Call to Order
 - b. Antitrust Statement
 - c. Attendance
 - d. Proxies
 - e. Agenda Review (**Approval Item**)
 - i. Acknowledgment for the posting of meeting materials
 - ii. *Agenda items may be taken out of order and could conclude earlier or later than estimated time.*
 - f. Previous July Meeting Minutes (**Approval Item**)
2. Review of Past Action ItemsLottie Jones (10 mins)
3. Focus Group Updates
 - a. MDAG Focus GroupEric Sullivan(5 mins)
 - i. July Meeting Overview
4. NERC Updates..... Shannon Micken (30 mins)
5. FERC Order No. 881 + Seasonal Ratings..... Chris Colson (30 mins)
6. Modeling Assignment Kristie Brown (10 mins)
7. 2023 series Model Build/Application Updates
 - a. Dynamics.....Zach Sabey/Theo Brown (15 mins)
8. 2024 series Model Build/Application Updates
 - a. Powerflow Darian Richards/Hugh Benfer/Lottie Jones (10 mins)
 - b. Short Circuit..... Eric Sullivan (5 mins)
 - c. MOD-033.....Eric Sullivan/Ben Mitchell (5 mins)
 - d. EDSTKristie Brown (5 mins)

Antitrust: SPP strictly prohibits use of participation in SPP activities as a forum for engaging in practices or communications that violate the antitrust laws. Please avoid discussion of topics or behavior that would result in anti-competitive behavior, including but not limited to, agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition.

- 9. 2024 MDAG Meeting Schedule.....Lottie Jones (10 mins)
- 10. Discussion of Future Meetings..... John Turner (5 mins)

All meeting times are represented in the central time zone. Please register for all meetings via spp.org

- a. MDAG: September 21, 2023 (9:00 AM – 12:00 PM)
 - i. EMT Modeling
 - ii. MOD File Builder 11.3
- b. MDAG Focus Group: August 22, 2023 (1:00 PM – 3:00 PM)
 - i. Facilitate technical discussions
 - ii. MDAG changes (manual, schedule, etc) must be discussed in FG before being brought to MDAG
- c. TWG Face-to-Face: September 26-27, 2023 (9:00 AM begins)
- d. Ambient Adjustment Ratings Implementation Task Force: September 11, 2023 (9:00AM 11:00AM)

MDAG encourages you to check out the spp.org calendar for additional information on technical topics discussed in other working groups. SPP also offers stakeholder trainings [found here](#)

- 11. Summary of Action Items..... Lottie Jones (5 mins)
 - a. Agenda Review – additional comments request

- 12. Adjourn..... All

* The approval items denoted with "*" shall be jointly developed by PC, TP, and MDAG

Assessment

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Spreadsheet

assessment process located on Confluence before completing and submitting your spreadsheet sppcorp.org/display/WG/MOPC#expand-AnnualAssessmentWGsAGs

the spreadsheet's formatting! The assessments must be the same across all groups. Be careful if throughout the spreadsheet. You need to "drag" any formulas to new rows and may need to adjust by Pennel or Kaye McCarty for assistance.

representative's name in A1 and group acronym in bottom 2 tabs.

Essential information

A. Enter the names of your rostered representatives in column A, beginning with your name (staff secretary) in row 7.

Use LAST NAME, FIRST NAME

B. Enter the company name for each of the rostered representatives in column B, beginning with "SPP" in row 7.

Use company names EXACTLY AS LISTED ON SPP.ORG: <https://www.spp.org/about-us/members-market-participants/>

C. For standing proxies, list the proxy's name and company and the company they're representing.

Example: Starnes, Heather (Healy Law Firm) proxy for Grotzinger, John | Missouri Joint Electric

Meeting details

A. Enter your meeting dates beginning in column C, row 1 and continue across the worksheet until all meeting dates are entered

B. Enter the actual duration for each meeting beginning in column c, row 2. Round to the nearest .5 hours.

C. Enter the actual number of votes taken per meeting beginning in column c, row 3. **Do not count** administrative votes such as votes to approve the agenda or adjourn the meeting. When counting consent votes, count one vote for each item under the consent topic. Do not count a consent vote as 1 if it includes multiple items.

D. Enter the total number of attendees for each meeting beginning in column c, row 4

E. Enter the meeting format for each meeting beginning in column c, row 5

Attendance at each meeting per representative

A. For yourself and each member note how the individual attended the meeting using the drop down for the cell. Options are virtual, in-person, proxy, absent or non-member. Non-member is to be used for those who were members for only part of the assessment period. If you have a member that joined or left the group during the assessment period, utilize the non-member option for all meetings in which they were not considered a rostered member of the group.

Survey worksheet

demographic data

- A. Indicate Yes if the member is current and No if they are no longer a part of the group
- B. Enter the type of member for each representative in column D
- C. Enter the sector type for each representative in column E
- D. If a representative leaves mid assessment period add a red asterick in front of their name

**to indicate the status of your scope review in L8
nt Period in A2**

Worksheet!

If you copy, paste or insert rows because
of the row numbers in the formulas.

**Model Development
Advisory Group**

Meeting Date: 8/17/2023
Meeting Length: 90
Number of Votes Taken: 2
Overall Attendance: 71
Meeting Format: Virtual

Name	Company	Attendance
Letitia Jones (Staff Secretary)	SPP	Virtual
John Turner (Chair)	Wabam Farmers Electric Power	Virtual
Brittany Hays (Vice Chair)	Western Area Power Administration	Virtual
Alex Mucha	Oklahoma Municipal Power Authority	Virtual
Dustin Reitz	Noraska Public Power District	Virtual
Jason Shook	CGS Associates	Virtual
Jerry Bradshaw	City Utilities of Springfield	Virtual
Joan Knott-Ridell	Missouri River Energy Services	Virtual
Joe Fultz	Grand River Dam Authority	Virtual
John Vora	Gobson Spread Electric	Virtual
Liam Strimling	Sunflower Electric Power Corporation	Virtual
Proston Blinsky	Basin Electric Power Cooperative	Virtual
Renee Miranda	Southwestern Public Service	Proxy
Ryan Bayinger	Energy	Virtual
Scott Bamfelt	American Electric Power	Proxy
Scott Schubert	Arkansas Electric Cooperative Corporation	Virtual
Steve Hoffman	Omaha Public Power District	Virtual
Tyler Reiter	Corn Belt Power Cooperative	Virtual
Guest Name	Company	Attendance
Adam Munnett	Burns & McDonnell	Virtual
Adam Trent	Oklahoma Gas and Electric Company	Virtual
Ahlin Salehan	SPP	Virtual
Adam Schaffer	ITC	Virtual
Ala Wadi	Liberty Utilities	Virtual
Amiee Dhauf	DMU	Virtual
Andrew Berg	Missouri River Energy Services	Virtual
Andrew Howard	Lincoln Electric System	Virtual
Angelita Davenport	ITC	Virtual
Antoneh Workneh GDS	GDS	Virtual
Antonio Barrera	Southwestern Public Service	Virtual
Arnes Salis	Noraska Municipal Power Pool	Virtual
Aster Amahazion	Noraska Municipal Power Pool	Virtual
Ben Hamman	WAPA	Virtual
Becca McCann	SPP	Virtual
Ben Mitchell	SPP	Virtual
Blake Probst	Energy	Virtual
Bobby Gray	Liberty Utilities	Virtual
Brandon Heutschul	SPP	Virtual
Brenda Harris	OXY	Virtual
Brian Johnson	ADP	Virtual
Brooke Kenne	SPP	Virtual
Bruce Dull	Noraska Municipal Power Pool	Virtual
Caleb Coates	Kansas Power Pool	Virtual
Calvy Cathy	SPP	Virtual
Caesara Steuber	ADP	Virtual
Charles Costello	Siemens	Virtual
Cho Wang	American Electric Power	Virtual
Chris Collins	Western Area Power Administration	Virtual
Chris Davis	SPP	Virtual
Chris Gilson	Ti State	Virtual
Chris Rich	Oklahoma Gas and Electric Company	Virtual
Clarence Campbell	SPP	Virtual
Clare Vignale	Burns & McDonnell	Virtual
Conner Sweet	City Utilities of Springfield	Virtual
Curtis Miller	Wabam Farmers Electric Power	Virtual
Dale Reinhardt	Hastings Utilities	Virtual
Danien Butrage	AECI	Virtual
Danielle Berg	Sunflower Electric Power Corporation	Virtual
Dorian Richards	SPP	Virtual
David Bromberg	Pure Steel Technologies	Virtual
David Cabert	SPP	Virtual
David Mendoza	Grand River Dam Authority	Virtual
David Zhong	American Electric Power	Virtual
Dw Edmondson	SPP	Virtual
Devik Brown	Energy	Virtual
Drew Peterson	National Grid Renewables	Virtual
Diego Toledo	Grand River Dam Authority	Virtual
Douglas Bowman	SPP	Virtual
Dora Parks	Grand River Dam Authority	Virtual
Donald Harprow	Oklahoma Gas and Electric Company	Virtual
Dustin Moore	Liberty Utilities	Virtual
Dylan Fale	Ti State	Virtual
Dylan Haas	Energy	Virtual
Ebrahim Rezaei	American Electric Power	Virtual
Edu Watson	SPP	Virtual
Elin Tarric	Lincoln Electric System	Virtual
El Nyamogbara	Sunflower Electric Power Corporation	Virtual
Elijah Salinas	IES	Virtual
Elin Cook	SPP	Virtual
Eric Jones	Omaha Public Power District	Virtual
Eric Sullivan	SPP	Virtual
Eric Cathy	SPP	Virtual
Eric Vance	Salem Electric	Virtual
Estevan Padilla	SPP	Virtual
Frank Frezza	Southwestern Public Service	Virtual
Garrick Nelson	Western Area Power Administration	Virtual
Gary Burger	Oklahoma Gas and Electric Company	Virtual
Gain Newberry	Energy	Virtual
Glen Halley	City Utilities of Springfield	Virtual
Grace Brazdon	Oklahoma Gas and Electric Company	Virtual
Harsh Mehan	Light Source EP	Virtual
Harriet Walsh	Orsted	Virtual
Hugh Keefe	SPP	Virtual
James Okerfus	Savlon Energy	Virtual
Jason Marke	Noraska Public Power District	Virtual
Jeff Kruhak	City Utilities of Springfield	Virtual
Jeff McDiarmid	SPP	Virtual
Jeff Flee	NextEra	Virtual
Jeffrey Taylor	ITC	Virtual
Jim Bommer	EPRI	Virtual
Janet Dredge	Oklahoma Gas and Electric Company	Virtual
Jeremy Severson	Basin Electric Power Cooperative	Virtual
Joan Knott-Ridell	Missouri River Energy Services	Virtual
Joe Williams	Wabam Farmers Electric Power	Virtual
Joel Hobar	Basin Electric Power Cooperative	Virtual
Joey Schregel	Basin Electric Power Cooperative	Virtual
John Bushbar	City Utilities of Springfield	Virtual
John Muehan	Omaha Public Power District	Virtual
John Vora	Gobson Spread Electric	Virtual
John Varnell	Toraska	Virtual
John Wilson	Southern Current LLC	Virtual
Jon Langford	Orsted	Virtual
Janah Montgomery	Energy	Virtual
Jonathan Aus	East River	Virtual
Jordan Skillem	Wabam Farmers Electric Power	Virtual
Jose Corbino	EPRI	Virtual
Josh Howarth	Arkansas Electric Cooperative Corporation	Virtual
Joshua Pilgrim	SPP	Virtual
Joie Daggert	WAPA	Virtual
Juliano Freitas	SPP	Virtual
Justin Hart	TRD and Company	Virtual
Kadawn Bryan	ADP	Virtual
Kalen Kelsey	WPEC	Virtual
Kalvin Allen	SPP	Virtual
Kim Grogan	Energy	Virtual
Kimberly Woods	SPP	Virtual
Kristin Brown	SPP	Virtual
Kristen Darlan	SPP	Virtual
Larry Brusseau	Corn Belt Power Cooperative	Virtual
Li Gephart	SPP	Virtual
Logan Jensen	East River	Virtual
Logan Peterson	Minnesota	Virtual
Luke Zemer	Kapco	Virtual
Max Cruz	Southwestern Public Service	Virtual
Max Moor	Energy	Virtual
Margaret Kristian	National Grid Renewables	Virtual
Marlin Green	American Electric Power	Virtual
Mason Fawcett	SPP	Virtual
Matthew Aharido	IUB	Virtual
McKady Kellam	Energy	Virtual
Mike Archersbaunt	Enel	Virtual
Michael Bowman	City Utilities of Springfield	Virtual
Mike Saen	Omaha Public Power District	Virtual
Moses Reich	Grubance	Virtual
Mustafa Slightzadeh	SPP	Virtual
Nathan Davis	Liberty Utilities	Virtual
Nathan McNeil	Meadow Energy	Virtual
Nicholas Hesterman	Energy	Virtual
Nicole Hicks	WAPA	Virtual
Nitin Kulkarni	National Grid Renewables	Virtual
Norge Tolman	NextEra	Virtual
Ned Smith	Corn Belt Power Cooperative	Virtual
Nolan Fortig	SPP	Virtual
Palub Datta	Energy	Virtual
Paul Vook	Omaha Public Power District	Virtual
Peter Jones	Savlon	Virtual
Phil Wozby	BEPC	Virtual
Prigita Power	Quantis Technology	Virtual
Rakib Rahman	Energy	Virtual
Ramona Egorjidi	Enel	Virtual
Richard Miner	Liberty Utilities	Virtual
Ryan Benton	Oklahoma Gas and Electric Company	Virtual
Ryan Schmidt	NESP Energy	Virtual
Scott Holland	SWPA	Virtual
Scott Jordan	SPP	Virtual
Scott Migh	Southwestern Power Administration	Virtual
Seh Cocharn	DC Energy	Virtual
Shahin Gupta	Agri Clean Energy	Virtual
Shannon Mickens	SPP	Virtual
Shawn Gell	Kapco	Virtual
Shawn Saffarwhite	Oklahoma Gas and Electric Company	Virtual
Shawn Massey	SPP	Virtual
Spencer Simpson	TRD and Co	Virtual
Steve Hardback	Oklahoma Gas and Electric Company	Virtual
Steve Purdy	SPP	Virtual
Steve Park	Sunflower Electric Power Corporation	Virtual
Sunny Rubsam	SPP	Virtual
Tanner New	Sunflower Electric Power Corporation	Virtual
Thomas Burns	SPP	Virtual
Thoo Brown	SPP	Virtual

Timothy Sall
Todd Chwalikowski
Tom Balala
Tom Mayhan
Tony Green
Walt Shumate
William Hordan
Xiaoyu Wang
Yasmin Sakalla
Ying Yang
Zach Anders
Zach Saboy

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Omaha Public Power District
SPP
Shumate & Associates
SPP
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Enel
Duke Energy
Burns & McDonnell
SPP

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Model Development Advisory Group

August 2023 - August 2024

Name	Company	Is Current Member?	Member Type	Sector	Present	Proxy	Absent	Percent Present
Alex Mucha	Oklahoma Municipal Power Au	Yes			1	0	0	100%
Brianna Haug (Vice Chair)	Western Area Power Administr	Yes			1	0	0	100%
Dustin Betz	Nebraska Public Power District	Yes			1	0	0	100%
Jason Shook	GDS Associates	Yes			0	0	1	0%
Jerry Bradshaw	City Utilities of Springfield	Yes			1	0	0	100%
Jesse Kreutzfeldt	Missouri River Energy Services	Yes			0	0	1	0%
Joe Fultz	Grand River Dam Authority	Yes			1	0	0	100%
John Turner (Chair)	Western Farmers Electric Powe	Yes			1	0	0	100%
John Vara	Golden Spread Electric	Yes			1	0	0	100%
Liam Stringham	Sunflower Electric Power Corp	Yes			1	0	0	100%
Lottie Jones (Staff Secretary)	SPP	Yes			1	0	0	100%
Preston Blinsky	Basin Electric Power Cooperati	Yes			1	0	0	100%
Reené Miranda	Southwestern Public Service	Yes			0	1	0	100%
Ryan Baysinger	Evergy	Yes			1	0	0	100%
Scott Rainbolt	American Electric Power	Yes			0	1	0	100%
Scott Schichtl	Arkansas Electric Cooperative	Yes			1	0	0	100%
Steve Hohman	Omaha Public Power District	Yes			1	0	0	100%
Tyler Baxter	Corn Belt Power Cooperative	Yes			1	0	0	100%

Annual Assessment Totals	
Average Length of Meetings (hrs)	3
Number of Votes Taken	2
Average Overall Attendance	71
Total Meetings this Assessment	1
Live	0
Teleconference	1
Scope Reviewed	
Transmission Owner(s)	0
Transmission User(s)	0
Director(s)	0
Investor Owned Utility	0
Cooperative	0
Municipal	0
State	0
Federal	0
Independent Power Producer / Marketer	0
Independent Transmission Company	0
Large Retail	0
Alt Power / Public Interest	0
Small Retail	0

Model Development Advisory Group

Meeting Cost(s)	\$
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MAJOR INITIATIVES ADDRESSED BY THE GROUP

1

2

3

MAJOR PENDING INITIATIVES BEFORE THE GROUP

1

2

3

MDAG MINUTES

July 13, 2023

SOUTHWEST POWER POOL MODEL DEVELOPMENT ADVISORY GROUP MEETING

July 13, 2023 9:00 am – 11:00 am (CST)

Conference Call

SUMMARY OF MOTIONS AND ACTION ITEMS

Action Items:

- **Action Item:** Communicate with Mae Cruz regarding her opposition to the model selection

Motions:

- **Motion:** Jason Shook motioned to approve the agenda. Scott Schichtl seconded the motion. The group did not voice any concerns. The motion passes unanimously.
- **Motion:** Jason Shook motioned to approve the June meeting minutes. Mae Cruz and Scott Schichtl seconded the motion. The group did not voice any concerns. The motion passes unanimously.
- **Motion:** Alex Mucha motioned to approve the 2024 MDAG model schedule and model selection. Jesse Kreutzfeldt seconded the motion. Mae Cruz opposed the model selection portion. The rest of the group did not voice any concerns. The motion passes with the noted opposition.

MDAG MINUTES

July 13, 2023

Southwest Power Pool MODEL DEVELOPMENT ADVISORY GROUP MEETING

July 13, 2023 9:00 am – 11:00 am (CST)

Conference Call

MINUTES

AGENDA ITEM 1 – ADMINISTRATIVE ITEMS

AGENDA ITEM 1A & 1B – CALL TO ORDER AND ANTITRUST STATEMENT

SPP MDAG Chair, John Turner, called the meeting to order at 9:02 a.m. (CST) with Quorum. SPP Staff Secretary, Lottie Jones, read the anti-trust statement to the group.

MDAG MINUTES

July 13, 2023

AGENDA ITEM 1C & 1D – ATTENDANCE AND PROXIES

The following members attended or were represented by proxy:

MDAG Member	Present	Proxy	Present	Company
Tyler Baxter	Yes			Corn Belt Power Cooperative
Jerry Bradshaw	Yes			City Utilities of Springfield
Dustin Betz	No			Nebraska Public Power District
Preston Blinsky	No			Basin Electric Power Cooperative
Joe Fultz	Yes			Grand River Dam Authority
Brianna Haug	Yes			Western Area Power Administration, MDAG Vice-Chair
Steve Hohman	Yes			Omaha Public Power District
Reené Miranda	No	Mae Cruz	Yes	Southwestern Public Service
Alex Mucha	Yes			Oklahoma Municipal Power Authority
Scott Rainbolt	Yes			American Electric Power
Scott Schichtl	Yes			Arkansas Electric Cooperative Corporation
Jason Shook	Yes			GDS Associates
Liam Stringham	Yes			Sunflower Electric Power Corporation
John Turner	Yes			Western Farmers Electric Power, MDAG Chair
Lottie Jones	Yes			Southwest Power Pool, Inc., MDAG Secretary
John Vara	No	David Mendoza	Yes	Golden Spread Electric
Ryan Baysinger	Yes			Evergy
Jesse Kreutzfeldt	Yes			Missouri River Energy Services

Material: JULY13_Attach2 - 1c. MDAG Conference Call Attendance-07-13-2023

MDAG MINUTES

July 13, 2023

AGENDA ITEM 1E – AGENDA REVIEW (**APPROVAL ITEM**)

John Turner asked the group if they had a chance to review the agenda and if the group had any modifications to the agenda.

Motion: Jason Shook motioned to approve the agenda. Scott Schichtl seconded the motion. The group did not voice any concerns. The motion passes unanimously.

Material: JULY13_Attach1- 1e. MDAG Meeting Agenda

AGENDA ITEM 1F – PREVIOUS JUNE MEETING MINUTES (**APPROVAL ITEM**)

Lottie Jones asked the group if they had any proposed changes for the previous June, meeting minutes. Several updates from Reene Miranda with SPS that will be reflected in the attached minutes

Motion: Jason Shook motioned to approve the June meeting minutes. Mae Cruz and Scott Schichtl seconded the motion. The group did not voice any concerns. The motion passes unanimously.

Material: JULY13_Attach3- 1f. June 2023 Meeting Minutes.docx

MDAG MINUTES

July 13, 2023

AGENDA ITEM 2 – REVIEW OF PAST ACTION ITEMS

Lottie Jones discussed outstanding issues highlighted in red font, including the action items added from the last meeting. Lottie walked the group through updates on action items collected at the previous session and updates for existing in-progress action items.

Action Item 164 – will be discussed in the July FG meeting.

Action Item 206 – will be added to the SPP roadmap process for next year.

Action Item 207 –will be removed from the roadmap process and kept optional.

AGENDA ITEM 3 –2024 MODELING SCHEDULE AND MODEL SELECTION DISCUSSION

SPP staff, Lottie Jones, updated the group on the recent feedback receive from sunflower. SPP confirmed that FERC 715 filing will still include open communication to its members notifying of the filing and the models that were selected. There was not any additional feedback received.

AGENDA ITEM 4 – 2024 MODELING SCHEDULE AND MODEL SELECTION (APPROVAL ITEM*)

Motion: Alex Mucha motioned to approve the 2024 MDAG model schedule and model selection. Jesse Kreutzfeldt seconded the motion. Mae Cruz opposed the model selection portion. The rest of the group did not voice any concerns. The motion passes with the noted opposition.

Noted opposition *SPS does not believe that the model selection presented for approval during the July 13, 2023 MDAG meeting is a sufficient representation of the models that are required to address project Needs for the SPS area and/or other areas that are experiencing large load growth. SPS did request that additional models for the summer and winter be added for the missing years (aka. Gap Years) where a planning process cannot identify the transmission system needs if models are not available. As such SPS does not agree with the model selection and votes No to the approval of Agenda item #4.*

Material: JULY13_Attach4- 2024 Modeling Schedule and Model Selection

AGENDA ITEM 5 – AUGUST MEETING MAIN TOPICS

SPP staff, Lottie Jones, updated the group on August meeting topics to look forward to.

- a. EMT Modeling
 - i. Doug Bowman will be providing this update.
- b. NERC Updates

MDAG MINUTES

July 13, 2023

- i. Shannon Mickens will be providing this update.
- c. RR452
 - i. This will be a new process for how we deal with planned projects. Topic still pending
- d. FERC Order 881
 - i. Chris Colson will be presenting in the MDAG FG meeting and then bringing the update to the next MDAG meeting

AGENDA ITEM 6 – DISCUSSION OF FUTURE MEETINGS

MDAG Chair, John Turner, updated the group on upcoming meetings.

- a. MDAG: August 17, 2023 (9:00 AM – 12:00 PM)
- b. MDAG Focus Group: July 25, 2023 (1:00 PM – 3:00 PM)
 - ii. Facilitate technical discussions
 - iii. MDAG changes (manual, schedule, etc) must be discussed in FG before being brought to MDAG
- c. Ambient Adjustment Ratings Implementation Task Force: August 7, 2023 (9:00AM – 11:00AM)

MDAG encourages you to check out the spp.org calendar for additional information on technical topics discussed in other working groups. SPP also offers stakeholder trainings [found here](#)

AGENDA ITEM 7 – SUMMARY OF ACTION ITEMS

Lottie discussed the action items from this meeting:

- **Action Item:** Communicate with Mae Cruz regarding her opposition to the model selection

AGENDA ITEM 15 – ADJOURN

John Turner adjourned the meeting at 9:26 a.m. (CST)

Respectfully Submitted,

MDAG MINUTES

July 13, 2023

Lottie Jones
Secretary

Eric Sullivan
Secretary Assistant

Attachments

JULY13_Attach1- 1e. MDAG Meeting Agenda.docx

JULY13_Attach2 - 1c. MDAG Conference Call Attendance-07-13-2023

JULY13_Attach3- 1f. April June Meeting Minutes.docx

JULY13_Attach4- 2024 Modeling Schedule and Model Selection