

MDAG MINUTES

April 15, 2024

SOUTHWEST POWER POOL MODEL DEVELOPMENT ADVISORY GROUP MEETING

April 15, 2024, 1:30 pm – 2:30 pm (CST)

Conference Call

SUMMARY OF MOTIONS AND ACTION ITEMS

Action Items:

- **Action Item:** Post powerflow presentation with said corrections.

Motions:

- **Motion:** Nathan Davis motioned to approve SPP staff recommends that the 2024 MDAG powerflow models be approved by the Model Development Advisory Group with the caveat that all mentioned corrections are applied to the proposed final R2 models and posted after approval. Liam Stringham seconded the motion. Mae Cruz voted no, and Brianna Haug abstained from vote. The motion passes.
- **Motion:** Jesse Kreutzfeldt motioned to approve SPP staff recommends that the 2024 MDAG Short Circuit models be approved by the Model Development Advisory Group with the caveat that all mentioned corrections are applied to the proposed final models and posted after approval. Scott Schichtl seconded the motion. The group did not voice any concerns. The motion passes unanimously.

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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 1:32 p.m. (CST) with Quorum. SPP Staff Secretary, Lottie Jones, read the anti-trust statement to the group.

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AGENDA ITEM 1C & 1D – ATTENDANCE AND PROXIES

The following members attended or were represented by proxy:

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

Material: APRIL15_Attach1 - 1c. MDAG Conference Call Attendance-04-15-2024

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AGENDA ITEM 2 – 2024 MDAG POWERFLOW MODEL APPROVAL (*APPROVAL ITEM)

SPP staff member Lottie Jones discussed the outstanding powerflow issues highlighted in the presentation.

Liberty Utilities staff, Nathan Davis, confirmed both AEC ties were implemented along with the other ratings changes before final model posting.

Golden Spread Electric John Vara mentioned that the latest Docucheck has a red check for voltage violations for a generator that needs to be turned off. Golden Spread Electric will send an idev for this correction.

WAPA staff, Brianna Haug, mentioned WAPA will be abstaining from the approval of the powerflow models due to existing red checks that have remained year over year. This is for informational purposes. Lack of representation of a 650MW transfer as well.

AEP staff member David Zhong confirmed that an idev was submitted on Thursday for a bus zone out of range that will be applied to final models.

SPS staff, Mae Cruz, mentioned 25L loads were switched as Y and Q loads. Is it possible for SPP to add these as P and Q loads. Tolk is on just for generation and to cover loads and should be on as well. Further review of how Tolk is modeled is needed for SPS. SPP staff provided an idev that corrects that issue, and will apply the update to later models.

Grand River Dam Authority, Dona Parks, asked if an idev was supplied after R1 but before R2 was applied. SPP staff mentioned they would apply the update to models.

Material: APRIL15_Attach2 - 2. 2024 MDAG Powerflow Model Approval (Approval Item)

AGENDA ITEM 3 - 2024 MDAG SHORT CIRCUIT MODEL APPROVAL *(APPROVAL ITEM)

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

Material: APRIL15_Attach3 - 3. 2024 MDAG Short Circuit Model Approval (Approval Item)

AGENDA ITEM 4 – DISCUSSION OF FUTURE MEETINGS

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

- a. RAD TF: April 24, 2024 (1:00 PM – 3:00 PM)
- b. MDAG Focus Group: April 23, 2024 (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: April 23-24, 2024 (9:00 AM begins)
- d. MDAG: April 18,2024 (9:00 AM – 12:00 PM)

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 5 – SUMMARY OF ACTION ITEMS

Lottie discussed the action items from this meeting:

- **Action Item:** Post powerflow presentation with said corrections.

AGENDA ITEM 6 – ADJOURN

John Turner adjourned the meeting 2:01 pm (CST)

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

Respectfully Submitted,

Lottie Jones
Secretary

Eric Sullivan
Secretary Assistant

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Attachments

APRIL15_Attach1 - 1c. MDAG Conference Call Attendance-04-15-2024

APRIL15_Attach2 - 2. 2024 MDAG Powerflow Model Approval (Approval Item)

APRIL15_Attach3 - 3. 2024 MDAG Short Circuit Model Approval (Approval Item)