

**Southwest Power Pool, Inc.
Model Development Working Group
Conference Call**

September 18th: 9:00 A.M. – 11:00 A.M. (CDT)

• M I N U T E S •

Agenda Item 1 – Administrative Items:

– Agenda Item 1a and 1b – Call to Order & Antitrust Statement:

The meeting was called to order at approximately 9:01 a.m and was proceeded by Sunny Raheem reading the anti-trust statement. Nate Morris notified Jerad Ethridge and Sunny Raheem for assigning Jerad the Chair position for the current meeting due to another meeting conflict.

– Agenda Item 1c and 1d – Attendance and Proxies:

The following MDWG members and guests attended.

MDWG Members present:

MDWG Member	Present	Proxy	Present	Company
Nate Morris	No	Jerad Ethridge	YES	Empire District Electric Company, MDWG Chair
Jerad Ethridge	YES			Oklahoma Gas & Electric, MDWG Vice-Chair
Charles Aleman	YES			Golden Spread Electric Cooperative
Andrew Berg	YES			Missouri River Energy Services
Preston Blinsky	YES			Basin Electric Power Cooperative
John Boshears	YES			City Utilities of Springfield
Joe Fultz	NO	Diego Toledo	YES	Grand River Dam Authority
Jeremy Harris	YES			KCP&L and Westar, Evergy Companies
Jason Hofer	YES			Nebraska Public Power District
Steve Hohman	YES			Omaha Public Power District
Holli Krizek	YES			Western Area Power Administration
Jordan Lamb	NO			East River Electric Power Cooperative
Reené Miranda	NO	Aravind Chellappa	YES	Southwestern Public Service
Alex Mucha	YES			Oklahoma Municipal Power Authority
Scott Rainbolt	YES			American Electric Power
Scott Schichtl	YES			Arkansas Electric Cooperative Company
Jason Shook	YES			GDS Associates
Liam Stringham	YES			Sunflower Electric Power Corporation
Sunny Raheem	YES			Southwest Power Pool, Inc., MDWG Secretary

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.

Additional Guests present:

Guests	Company
Josh Hesselbein	Arkansas Electric Cooperative
Jerry Bradshaw	City Utilities of Springfield
Cristina Ortiz, Lafayette Gatewood, Pallab Datta, Marcus Moor, Ryan Baysinger	Evergy Companies
Diego Toledo, Dona Parks	Grand River Dam Authority
Bryan Haslinger	ITC Great Plains
Alan Burbach	Lincoln Electric System
Calvin Coates	Kansas City Board of Utilities
James Ging	Kansas Power Pool
Armin Sehic	Municipal Energy Agency of Nebraska
Kevin Samuel	NextEra Energy Resources
Kim Farris, Michael Odom, Moses Rotich	Southwest Power Pool, Inc.
Scott Mijin	Southwestern Power Administration
Aravind Chellappa	Southwestern Public Service
Tanner New	Sunflower Electric Cooperative
Brianna Haug, Garrick Nelson, Holli Krizek	Western Area Power Administration
Joe Williams	Western Farmers Electric Cooperative

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– Agenda Item 1e(i) – Agenda Review (Approval Item):

Jerad Ethridge asked the group if they had any modifications to the agenda. The group did not voice any modifications.

Scott Schichtl motion approve agenda as presented on the screen. Jason Hofer seconded the motion. The group did not voice concern during the discussion of the motion. The motion passed unanimously.

Background Material for Motion: SEPT18_MM_Attach1 - 1e. MDWG Meeting Agenda 20190918.docx

Agenda Item 2 – 2019 MDWG Model Series:

Sunny Raheem provided an overview of the posted proposed final models and files. Sunny outlined the number of conventional generators converted to GENTPJ models and number of renewable models converted to PSSE supported models since the start of the model build project. Sunny summarized the model changes received since posting the proposed final models. Sunny mentioned there were quite a few updates that staff received and reviewed by the start of this meeting. Staff recommended approving the models with post processing updates. The group discuss the types of updates and best path forward approving the models with minimum schedule impact. A member of the group mentioned they would like to work with staff to address some fatal error message the member received. After discussion, the group decided to facilitate the model approval the following week via email voting protocol to allow staff to include all the acceptable changes into the models.

Action Item: Staff to post final dynamic models with recent acceptable model updates the following week

Staff posted the updated proposed final models on September 24, 2019. The group received an email motion from Scott Schichtl motion to approve the updated 2019 MDWG proposed final dynamic cases set as final on September 26, 2019. Andy Berg seconded the motion. The email vote started September 26, 2019 and ended September 30, 2019. The motion passed unanimously.

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Agenda Item 3– Administrative Items:

- Agenda Item 3a – Summary of Action Items:

- Staff to post final dynamic models with recent acceptable model updates the following week

- Agenda Item 3b – Future Meetings:

Jerad provided an overview of future meetings.

- Agenda Item 3c – Adjourn Meeting:

Scott Schichtl motioned to adjourn the meeting. Jason Shook seconded the motion. The group did not voice concern during the discussion of the motion. The motion passed unanimously.

The meeting adjourned at 9:26 AM (CDT).

Respectfully submitted,
Sunny Raheem
MDWG Secretary



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MODEL DEVELOPMENT WORKING GROUP
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• A G E N D A •
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1. Administrative Items Jerad Ethridge (15 mins)
 - a. Call to Order
 - b. Antitrust Statement
 - c. Attendance
 - d. Proxies
 - e. Agenda Review (**Approval Item**)
 - i. Acknowledgement of discuss meeting materials
2. 2019 series MDWG Dynamic Model Set Discussion and Approval (**Approval Item***) All (90 mins)
3. Administrative Items Jerad Ethridge (15 mins)
 - a. Summary of Action Items
 - b. Future Meetings (Central Time)
 - i. MDWG
 1. Next Face-to-Face: Xcel Office, Denver, CO October 22-23rd
 - ii. Manual Task Force:
 1. Weekly on Thursday 9:00am-11:00am
 - iii. Focus Groups Meetings:
 1. Power Flow: October 14th (9:30am –11:30am)
 2. Dynamics: October 9th (9:30am –11:30am)
 3. Short Circuit: November TBD (Joint with Power Flow)
 - c. Adjourn

Note: The approval items denoted with “*” shall be jointly developed by PC, TP, and MDWG.

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