

**Southwest Power Pool, Inc.
Model Development Working Group
March 14, 2016
Conference Call
2:00 P.M. – 4:00 P.M.**

• M I N U T E S •

Agenda Item 1 - Administrative

The meeting was called to order at 2:11 p.m. The following Model Development Working Group (MDWG) members were in attendance:

Nate Morris, Chair – Empire District Electric Company
John Boshears - City Utilities of Springfield
Derek Brown – Westar Energy
Joe Fultz – Grand River Dam Authority
Scott Schichtl – Arkansas Electric Cooperative Company
Jason Shook – GDS Associates
Liam Stringham – Sunflower Electric Power Corporation
Brian Wilson – Kansas City Power & Light
Dustin Betz – Nebraska Public Power District
Scott Rainbolt – American Electric Power

SPP Staff in attendance included Anthony Cook (Secretary), Scott Jordan, John Mills, Zack Bearden, Brandon Hentschel, Moe Shahriar, and Mike Hughes (RE Staff).

The following guests were also in attendance:

Jason Bentz – American Electric Power
Aravind Chellappa, Clarence Campbell – Southwestern Public Service
Gimod Olapurayil– ITC Great Plains
Bruce Doll, Armin Sehic – Municipal Energy Agency of Nebraska
John Turner – Kansas City Board of Public Utilities
Alan Burbach – Lincoln Electric System
Andrew Berg – Minnkota Power Cooperative
Chris Colson – Western Area Power Administration
Dona Parks, Patrick McPhail – Grand River Dam Authority
Jerad Ethridge – Oklahoma Gas & Electric
Jeremy Severson, Wayne Haidle– Basin Electric Power Cooperative
John Weber– Missouri River Energy Services
James Vermillion– Associated Electric Cooperative
Christopher Hund – Midwest Energy
Rey Rodriguez – Western Farmers Electric Cooperative
Jeff Crites – Empire District Electric Company
Tyler Baxter – Corn Belt
John Knofczynski – East River Electric Power Cooperative
Jim McAvoy – Oklahoma Municipal Power Authority

Aravind Chellappa for Reen  Miranda
Chris Colson for Holli Krizek

Meeting Agenda

The group was asked if anyone had any issues or needed more time to review the posted materials. There were no concerns from anyone for this meeting.

The agenda was reviewed by the group. Jason Shook motioned to approve the agenda; Brian Wilson seconded the motion. The motion passed unopposed.

(Attachment 1 - MDWG Meeting Agenda 20160314.docx)

Agenda Item 2 – 2016 Series Model Building Activities:

Anthon Cook gave an overview of the current docucheck report for the MDWG Powerflow models. Nate Morris requested the group to finalize the powerflow series. Liam Stringham motioned to finalize the 2016 Series MDWG Powerflow models based on the Pass 5 set. Scott Schichtl seconded the motion. The motion passed unopposed.

Nate then reviewed the draft report card and area contact sheet. Anthony stated that the SPP Modeling Staff has a new employee and introduced Moe Shahriar. Nate stated that there will be further discussion on the powerflow model build at the next face to face meeting and asked the MDWG members to each come with a couple of ideas on how to improve build.

AI: Update Area Contact sheet to include Moe Shahriar for SPP Staff contact and include LSE companies.

AI: MDWG Members each come to the next face to face meeting with two ideas on how to improve the model build.

Brandon Hentschel discussed the MDWG Short Circuit models and asked the group how long they wanted for submitting corrections. The group decided that members should have corrections submitted by March 25, 2016. SPP Staff will then re-evaluate any remaining issues.

AI: Members submit corrections for the Short Circuit models by March 25, 2016.

Scott Jordan gave a status update on the MDWG Dynamic models. He stated that staff is reviewing the member submitted data. He also introduced Moe Shahriar as a new staff member helping with the dynamic build.

Zack Bearden gave a status update on the ITPNT Powerflow models. He discussed the NTC review inquiry that was previously sent out to verify discrepancies. He also stated that an ACCC non-converged file will be sent out with each pass as well.

Anthony updated the group that MOD will be upgraded to the PSSE version 33.7 format in the next few months.

Agenda Item 3 – Administrative Items:

Summary of Action Items

- **Update Area Contact sheet to include Moe Shahriar for SPP Staff contact and include LSE companies.**

- **MDWG Members each come to the next face to face meeting with two ideas on how to improve the model build.**
- **Members submit corrections for the Short Circuit models by March 25, 2016.**

Future Meetings

- Face-to-Face June (TBD)

Adjourn Meeting

With no further business to discuss, Nate asked for a motion to adjourn. Jason Shook motioned to adjourn the meeting, Scott Rainbolt seconded the motion. The motion passed unopposed. The meeting adjourned at 4:09 p.m.

Respectfully submitted,
Anthony Cook
SPP Staff Secretary



Southwest Power Pool, Inc.
MODEL DEVELOPMENT WORKING GROUP

March 14, 2015

Conference Call

2:00 p.m. – 4:00 p.m.

• A G E N D A •

1. Administrative Items Nate Morris (15 min)
 - a. Call to Order
 - b. Introductions
 - c. Proxies
 - d. Agenda Review (Action Item)

2. 2016 Series Model Building Activities All (1.5 hr)
 - a. MDWG Powerflow Anthony Cook
 - i. Discussion to Finalize All
 - b. MDWG Short Circuit Brandon Hentschel
 - c. MDWG Dynamics Scott Jordan
 - d. ITPNT Powerflow Zack Bearden
 - e. MOD Upgrade Status Anthony Cook

3. Administrative Items Nate Morris (15 min)
 - a. Summary of Action Items
 - b. Future Meeting
 - c. Adjourn

Relationship-Based • Member-Driven • Independence Through Diversity
Evolutionary vs. Revolutionary • Reliability & Economics Inseparable