

**Southwest Power Pool
MODEL DEVELOPMENT WORKING GROUP
February 22, 2013
Conference Call
10:00 A.M. – 11:00 A.M.**

• MINUTES •

The meeting was called to order at 10:37 a.m. The following Model Development Working Group (MDWG) members were in attendance:

Joe Fultz, Chair – Grand River Dam Authority
Nate Morris, Vice Chair – Empire District Electric
Nathan McNeil – Midwest Energy
Reené Miranda – Southwestern Public Service
Scott Rainbolt – American Electric Power
Scott Schichtl – Arkansas Electric Cooperative
Dustin Betz – Nebraska Public Power District
Derek Brown – Westar Energy
Mike Clifton – Oklahoma Gas & Electric
Brian Wilson – Kansas City Power & Light
Jason Shook – GDS Associates

SPP Staff in attendance included Anthony Cook (Secretary), Scott Jordan, Brandon Hentschel, Mitch Jackson, James Bailey, and Greg Sorenson (RE).

The following guests were also in attendance:

Jerry Bradshaw – (Proxy for John Boshears) City Utilities of Springfield
Ryan Einer – Oklahoma Gas & Electric
Darryl Bogges – Western Farmers Electric Cooperative
Liam Stringham – Sunflower Electric Power Corporation
Mo Awad - Westar Energy (WR)
John Payne – Kansas Electric Power Cooperative
Jason Bentz – American Electric Power
Matthew Bordelon – Central Louisiana Electric Company
Alan Burbach – Lincoln Electric System
Alex Dobson – Oklahoma Municipal Power Authority
Tom Miller – ITC Great Plains
Gimod Olapurayil – ITC Great Plains
David Sargent – Southwestern Power Administration
Jon Mayhan – Omaha Public Power District
John Shipman – Omaha Public Power District
Jeff Stewart – Lafayette Utilities System
James Simms – Southwestern Public Service
Donna Parks – Grand River Dam Authority
Martin Green – Grand River Dam Authority
Todd Wheeler – EPIS

Meeting Agenda

The agenda was reviewed by the group. Reené Miranda motioned to approve the agenda as presented; Scott Schichtl seconded the motion. The motion passed unopposed.

(Attachment 1 - MDWG Meeting Agenda 20130222.doc)

Agenda Item 2 – 2013 Series Model Status:

Anthony Cook updated the group on the current status of the Powerflow models. He stated that some members submitted idevs after the cut-off date which were not ran on the posted models. Nate Morris explained that extra unscheduled passes is the reason the TWG requested a report card on the model build. Joe Fultz followed up with three options for the group to consider:

- Option 1: Finalize the powerflow models as is and members submit post processing idev files.
- 2: Apply the submitted idev files and repost the models for finalization. Those members would go on the TWG report card.
- 3: Extend the build with another pass. Members submitting changes would go on the TWG report card.

Conversation about the options revealed that the group wasn't comfortable with option 1 because the models would be finalized with known issues remaining. The group also had issues with option 2 because they felt that this unfair to let a few make additional edits and not everyone. The group decided to allow another pass for updates. Nathan McNeil motioned to post the models today, allow SPP members to submit idev files until Monday, February 25th, repost the corrected models on Wednesday, February 27th, and then the MDWG vote to finalize on Friday, March 1 by conference call. Nate Morris requested that SPP post a list of changes submitted as an addendum with the reposted models. Scott Rainbolt seconded the motion. The motion passed unopposed.

Item 3 – PSS/e V.32.2:

Scott Jordan went over the posted "PSSe version 32.2 notes.docx" document with the group. He let the group know that there aren't any known conversion issues with the point revision. SPP will post the finalized powerflow models in version 32.2.

(Attachment 2 - Attachment 2 - PSSe version 32.2 notes.docx)

Item 4 - Closing Administrative Duties:

Next Meeting

- a. Conference call March 1, 2013
- b. Face-to-face May 16, 2013

Next Meeting Topics

- a. Finalize 2013 MDWG Powerflow models
- b. TBD



Adjourn Meeting

With no further business to discuss, Reené Miranda motioned to adjourn the meeting. Scott Schichtl seconded the motion. The MDWG adjourned at 11:21 a.m.

Respectfully submitted,

Anthony Cook
SPP Staff Secretary

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• D R A F T A G E N D A •

1. Administrative Joe Fultz
 - a. Call to order
 - b. Proxies
 - c. Approve agenda
2. 2013 Series Model Status All
3. PSS/e V.32.2 All
 - a. Dynamic Correction
 - b. PSS/e reports Correction
4. Closing Administrative Duties Joe Fultz
 - a. Next meeting place and date
 - i. May 16, 2013
 - b. Next meeting topics
 - i. TBD
 - c. Adjourn meeting

DRAFT

PSS/e V.32.2 Corrections

Dynamic Correction:

In the November 30, 2012 MDWG meeting, Scott Jordan informed the group that one of the SPP Members had informed him of a case problem using the 2012 MDWG 2013S Reduced Dynamic Case. The Member sent the PSA file used to run the simulation causing PSSE Version 32.1 to stall. SPP Staff tested the PSA on the posted case and turned on the convergence monitoring. There were no messages during the simulation sent to the PDEV file that would cause the case to stall. SPP Staff also conferred with the Dynamics Coordinator concerning the situation and he agreed that there was nothing indicating a problem. SPP Staff then sent an e-mail to Siemens-PTI support. Siemens-PTI support sent a response that it had experienced some problems with some of the dynamic dyre file models in PSSE Version 32.1 and to download and test the simulation using PSSE Version 32.2. SPP Staff tested the simulation using PSSE Version 32.2 and the simulation ran using the snapshot, converted case, and DLL made using the previous version.

Reports Correction:

When creating reports in PSS/e version 32.1, some of the areas are not available in the "Area Subsystem Selector" list. Reports can be created, for all areas using the command line option. SPP Staff tested this using PSS/e version 32.2 and the "Area Subsystem Selector" list was fully populated.