



**Southwest Power Pool  
MODEL IMPROVEMENT TASK FORCE**

**March 8, 2010**

**1:30 P.M. – 3:00 P.M.**

**Teleconference**

**• M I N U T E S •**

**Agenda Item 1 - Administrative Items**

The meeting was called to order at 1:30 p.m. The following Model Improvement Task Force (MITF) members were in attendance:

Travis Hyde, Chair – Oklahoma Gas & Electric (OGE)  
John Fulton – Southwestern Public Service (SPS)  
Don Taylor – Westar Energy (WR)  
Mike Clifton – Oklahoma Gas & Electric (OGE)  
Reené Miranda – Southwestern Public Service (SPS)  
Dustin Betz – Nebraska Public Power District (NPPD)

SPP Staff in attendance included Kelsey Allen (Secretary), Chris Jamieson, and Bob Lux.

The following guests were also in attendance:

Mitch Williams – Western Farmers Electric Cooperative (WFEC)

The agenda was reviewed (**Attachment 1 – MITF Agenda 20100308**). Don Taylor moved to accept the previous minutes as issued. John Fulton seconded the motion. There was no discussion; the motion passed unopposed (**Attachment 2 – MITF Minutes 20100222**).

**Agenda Item 2 – MITF Work Plan:**

The revised work plan was briefly discussed. Don Taylor noted that it was still very aggressive. Kelsey Allen agreed and said that the group could consider adjusting the schedule if needed once more items have been discussed and everyone gets a better idea of the time required for the task force to complete its objectives.

**Agenda Item 3 – Dispatch Order Request:**

Staff began stepping through the dispatch order template and supporting word document provided in the meeting materials. Staff would like the MITF to vet the dispatch order update request for the 2010 STEP models and discuss the possibility of including this process at the MDWG level. Don Taylor noted that SPP already has all of this data (generator data from the load flow models, automated dispatch used by SPP, EIA-411, and NITS data). Staff explained that this is more of an attempt to pull information from the multiple sources together for data verification and for members to help us review the dispatch orders we already have so that we can have updated information.

The task force then began discussing the details of the data. Reené Miranda questioned the handling of generator outages by the automated process, which it can accomplish. Transmission operating directives are also incorporated in the dispatch process. This compiling of data is a way to document what we have in a central place and gives staff the ability to identify gaps in the data. For example, if dispatch data is not received by members by direct request or through NITS applications, staff will use the maximum pgen in the MDWG loadflow models as dispatch blocks and then up to pmax of a unit for shortfall situations.

Staff focused on its use of this information for the STEP Reliability, Aggregate Study, and Generation Interconnection base models. The group asked what is being used by the ESWG for economic studies and why that data isn't being incorporated. Chris Jamieson explained that that data was much more complicated than what we are looking for in the other planning processes. John Fulton agreed that economic dispatch has tremendous variability and is much different than what should be used for planning. SPP is looking for basic guidance on creating a dispatch order and there is no real overlap with the ESWG for other planning processes.

Staff reiterated that it would like to implement this automatic process at the MDWG level. Some diligence and manual accounting would be required to handle interchange and joint owned units, but staff believes that it can accurately recreate the dispatches provided by member in the MDWG models and save the members the burden of creating those dispatches by hand. Don Taylor asked how we can ensure that there is uniformity across the footprint, referencing non-modeling contacts. Chris Jamieson said that we get NITS data from non-modeling contacts, which is required for the aggregate study process. Staff incorporates EIA-411 data for non-NITS customers. John Fulton pointed out that there still seems to be a small gap for those generator owners that are not SPP NITS customers and do not submit EIA-411 data to SPP. Dustin Betz was involved in the dispatch order process in this sort of process last year during the Nebraska Integration. He said that the request was helpful, but the main issue is the other parties buried with a Balancing Authority who dispatch separately.

The task force agreed to the data request staff will be sending out in order to begin the 2010 Series STEP model build.

#### **Agenda Item 4 – MITF Strawman:**

Travis Hyde focused discussion of dispatch orders back to the MITF strawman and process improvement. Dustin Betz stated that the automated dispatch process would be a good start for an initial pass of model building, but there needs to be more room for member input. John Fulton and Reené Miranda expressed their discomfort with implementing an automated process at the MDWG level. One of the main issues is the Load Serving Entities within SPP BA's who are not required to submit data to SPP, as well as the differences in the current rules used for shortfall in the MDWG and STEP processes. Travis Hyde stated that the strawman item relating to generation dispatch needs to be discussed more within the group and with the MDWG.

#### **Agenda Item 5 – Other:**

No other items were discussed.

#### **Agenda Item 6 - Closing Administrative Duties:**



*Adjourn Meeting*

The MITF meeting was adjourned at 3:00 p.m.

Respectfully submitted,  
Kelsey Allen  
MITF Secretary



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**• A G E N D A •**

1. Administrative ..... Travis Hyde
  - a. Call to order
  - b. Approve agenda
  - c. Approve previous meeting minutes
2. MITF Work Plan..... All
3. Dispatch Order Data Request .....Staff
4. MITF Strawman ..... All
5. Other ..... All
6. Closing Administrative Duties..... Travis Hyde
  - a. Adjourn meeting

**Southwest Power Pool  
MODEL IMPROVEMENT TASK FORCE**

**February 1, 2010**

**1:30 P.M. – 3:00 P.M.**

**Teleconference**

**• M I N U T E S •**

**Agenda Item 1 - Administrative Items**

The meeting was called to order at 1:30 p.m. The following Model Improvement Task Force (MITF) members were in attendance:

Travis Hyde, Chair – Oklahoma Gas & Electric (OGE)  
John Fulton – Southwestern Public Service (SPS)  
Don Taylor – Westar Energy (WR)  
Mike Clifton – Oklahoma Gas & Electric (OGE)  
Reen  Miranda – Southwestern Public Service (SPS)  
Dustin Betz – Nebraska Public Power District (NPPD)

SPP Staff in attendance included Kelsey Allen (Secretary) and Bob Lux.

The following guests were also in attendance:

Jason Shook – GDS Associates (GDS)  
Jared Yust – Associated Electric Cooperative, Inc. (AECI)  
Brian Wilson – Kansas City Power & Light (KCPL)  
Dave Dietrich – Omaha Public Power District (OPPD)  
Jim McAvoy – Oklahoma Municipal Power Authority (OMPA)  
Chris Thibodeaux – Cleco Power (CELE)  
Rachel Ren – Kansas City Power & Light (KCPL)  
Jeff Stewart – Lafayette Utilities System (LUS)  
Tony Gott – Associated Electric Cooperative, Inc. (AECI)  
John Shipman

The agenda was reviewed and approved (**Attachment 1 – MITF Agenda 20100222**). Don Taylor moved that the previous minutes be approved. John Fulton seconded the motion. There was no discussion; the motion passed unopposed (**Attachment 2 – MITF Minutes 20100201**).

**Agenda Item 2 – Review MITF Scope and Work Plan:**

The task force reviewed the draft scope and made some clarifying changes. In reviewing the responsibilities, Kelsey Allen noted that this task force, as formed, could not extend decisions in completing its objective to all model sets developed within SPP. John Fulton stated that this task force may need to delegate work to other groups to complete in order for the MITF to carry out its responsibilities. After making revisions to the scope, the question of whether the document needs to be taken to other groups for approval was raised. Staff was tasked with looking into this.

Don Taylor motioned to approve the scope as revised. John Fulton seconded the motion. The scope was approved with no opposition. (**Attachment 3 – MITF Scope**)

The task force then reviewed the draft work plan. Don Taylor stressed the importance of not presenting anything to the MOPC until any recommendations have been vetted through the appropriate working groups. In light of this fact, it was decided that an estimated date of completion within the first quarter of 2010 was unachievable and unnecessary. The goal of being prepared to present recommendations at the July MOPC meeting was set. Staff was tasked with updating the work plan accordingly.

### **Agenda Item 3 – Preparation of 2010 STEP Models (High Priority Issues):**

#### *Dispatch Order Coordination and Expansion*

Kelsey Allen began discussion on staff's proposed issue and solution regarding generation dispatch in the SPP model sets, as well as staff's desire for the MITF to vet a dispatch order data request in order to begin the 2010 series STEP model building process. The MDWG models are dispatched via member input directly into each seasonal model for any given model series. The STEP Reliability, Aggregate Transmission Service, and Generation Interconnection study models are dispatched using an automated macro created by staff. Staff's proposal involves implementing this automated process at the MDWG level with increased stakeholder input into the stack order developed for use in this process. The task force expressed great concern regarding changing the dispatch from those developed by each member. John Fulton explained the corporate sensitivity regarding generation modeling and the implications of changing unit dispatch. Staff's goal has always been to mimic the MDWG created dispatch as closely as possible with the automated process. The discussion continued, covering topics regarding the differences in generation modeling between model sets, must run units, and unit outages. The task force requested to be able to review the data request staff would like to send out regarding generation dispatch.

#### *MDWG Transaction Improvement*

Kelsey Allen quickly touched on the issue regarding MDWG transactions and staff's desire to work with members more in an attempt to better correlate MDWG transactions with SPP OASIS. He noted some of the disconnects between the data sets and the work staff goes through in order to develop the base STEP model set starting from the MDWG developed models. Much of the confusion is related to the netting of transactions. Don Taylor noted the interesting disconnect between the level of detail of what is in the MDWG case. Kelsey Allen stated staff will attempt to work with members individually to bridge these disconnects.

### **Agenda Item 4 – Other:**

No other items were discussed.

### **Agenda Item 5 - Closing Administrative Duties:**

#### *Summary of Action Items*

1. Investigate the need to take the MITF scope to other working groups for approval. (Kelsey Allen)
2. Update the MITF work plan to reflect discussion. (Kelsey Allen)



3. Provide the MITF with the dispatch order data request staff would like to send out to update the stack orders used in the STEP model building process. (Kelsey Allen)

*Adjourn Meeting*

With no further items to discuss, the MITF meeting was adjourned at 3:00 p.m.

Respectfully submitted,  
Kelsey Allen  
MITF Secretary