

**Southwest Power Pool
MODEL IMPROVEMENT TASK FORCE**

February 22, 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



**Southwest Power Pool
MODEL IMPROVEMENT TASK FORCE
February 22, 2010
Net Conference
1:30 P.M. – 3:00 P.M.**

• A G E N D A •

1. Administrative Travis Hyde
 - a. Call to order
 - b. Approve agenda
2. Review MITF Scope and Work Plan..... All
3. Preparation of 2010 STEP Models (High Priority Issues)Staff
 - a. Dispatch Order Coordination and Expansion
 - b. MDWG Transaction Improvement
4. Other All
5. 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), Doug Bowman, Mak Nagle, and Chris Jamieson.

The following guests were also in attendance:

Mo Awad – Westar Energy (WR)
Erick Kasalika – Westar Energy (WR)
John Chamberlain – City Utilities of Springfield (CUS)
Jason Shook – GDS Associates (GDS)
Jared Yust – Associated Electric Cooperative, Inc. (AECI)
John Boshears – City Utilities of Springfield (CUS)
Kenny Hale
Brian Wilson – Kansas City Power & Light (KCPL)
John Mayhan – Omaha Public Power District (OPPD)
Mitch Williams – Western Farmers Electric Cooperative (WFEC)

Kelsey Allen introduced himself to the group and gave a short history explaining what led to his involvement in this task force. Travis Hyde was named chairman of the MITF.

The agenda was reviewed. Don Taylor moved to adopt the agenda as sent out. Mike Clifton seconded the motion. There was no discussion. The motion passed unopposed.

Agenda Item 2 – Define Scope:

The group began discussion on the scope of the task force. It was mentioned that the TWG discussed the modeling of future studies, including the ITP and the idea of probabilistic vs. deterministic studies and that stakeholders wanted more input on these types of studies and the models developed.

Travis Hyde suggested that this group exists to review what's being developed, stating that the MDWG is good at the development of models but they do not know how the models fully fit into the study processes. Mak Nagle stated that there are fundamental differences between the different study models and that this task force needs to guide us to bridge the gap between these differences by developing common methodology and guidelines.

The group continued discussion on the different types of model sets and began outlining the "buckets" used for each planning process. Staff argued that the current process is a "black box" in the development of models outside of the MDWG model set that needs more stakeholder input and that the MDWG model set itself contains speculative data which cannot be used in other planning processes. Don Taylor noted that current NERC standards require these speculative projects; Travis Hyde lent support instating that the TWG decided to use the MDWG models for compliance as to differentiate the requirements for FERC and NERC standards. Mak Nagle stated that the new NERC TPL standards may require models similar to those developed for STEP reliability, which are the basis for both the Aggregate Study and Generation Interconnection processes, and that the MITF should also act as an advisory to this fact in the development of common methodology and guidelines.

Some members expressed concern about the generation issues. Don Taylor stated that resource planners need to be brought in and the TWG is not interested in doing this. John Fulton talked about future resource needs and mentioned that under MISO, each TO will balance and have it's own resources in each area. Mak Nagle encouraged this task force to look at other RTO processes.

Travis Hyde asked about the implementation of other study methods such as probabilistic planning, which Mak Nagle had previously mentioned in a presentation to the MOPC, TWG, and MDWG. Mak said that this is not to be a part of the initial improvements and will be addressed in the latter part of this year. He later added that the MITF should focus on processes that will allow the MDWG to build a model that will be a good base for all study purposes.

Action Item – Finalize strawman and try to put together scope based on discussion. (Kelsey Allen)

The task force continued discussion on reliability requirements, touching on the differences between ERAG MMWG and NERC and what entity has control or input into the MMWG models. NERC no longer has control over the regional model set and only provides input and review just as other regions do.

Discussion then continued on the different study processes within SPP. The SPP Transmission Expansion Plan (STEP) was mentioned as an individual "bucket" which was corrected by Don Taylor, stating that the STEP encompassed all of the SPP processes. Staff stated that this term is used loosely and generally refers to the 10-year reliability portion of the STEP. Mitch Williams reiterated this interpretation and mentioned the new ITP processes, stating that the RTWG is working on rewriting Attachment O to the Tariff which may lead to more "buckets" that need to be discussed from a modeling perspective.

Agenda Item 3 – Discuss General Topics and Work Plan:

This discussion is included in agenda item 2.

Action Item – Develop high-level work plan of internal SPP ideas. (Kelsey Allen)

Agenda Item 4 – Discuss Meeting Schedule:

The group briefly discussed a future meeting schedule. The secretary suggested beginning meetings February 22, 1:30 – 3:00 & continuing with bi-weekly recurring meeting. The group was amenable to this proposition.

Agenda Item 5 – Other:

No other items were discussed.

Agenda Item 6 - Closing Administrative Duties:

Summary of Action Items

1. Finalize strawman and try to put together scope based on discussion. (Kelsey Allen)
2. Develop high-level work plan of internal SPP ideas. (Kelsey Allen)

Adjourn Meeting

With no further items to discuss, the MITF meeting was adjourned at 2:38 p.m.

Respectfully submitted,
Kelsey Allen
MITF Secretary

**Southwest Power Pool
Model Improvement Task Force
Scope Document
February 1, 2010**

Objective

The Model Improvement Task Force (MITF) was created to identify process improvement that will adjust or expand the current set of practices associated with the Model Development Working Group (MDWG) in order to expand stakeholder input and instill efficiency and accuracy into each of the model sets that group supports.

Responsibilities

In carrying out its objective, the MITF will develop modeling process guidelines appropriate for creating a common base model set that can be used for all SPP studies pursuant to Attachment O of the Regional Open Access Transmission Tariff. In addition, models will be developed for testing of compliance to the applicable North American Electric Reliability Corporation (NERC) reliability standards.

Representation

The MITF membership consists of a Chair, Secretary, and representatives from SPP members.

The MITF consists of the following:

Travis Hyde	Chair	Oklahoma Gas & Electric (OGE)
John Fulton	Member	Southwestern Public Service (SPS)
Don Taylor	Member	Westar Energy (WR)
Mike Clifton	Member	Oklahoma Gas & Electric (OGE)
Reené Miranda	Member	Southwestern Public Service (SPS)
Dustin Betz	Member	Nebraska Public Power District (NPPD)
Kelsey Allen	Staff Secretary	Southwest Power Pool (SPP)

Reporting

The MITF reports to the TWG and the MDWG. The Task Force Chair will report to these groups on activities, assignments, and recommendations requiring approval.