

**Southwest Power Pool  
MODEL IMPROVEMENT TASK FORCE**

**July 14, 2011**

**1:30 P.M. – 3:00 P.M.**

**Teleconference**

**• M I N U T E S •**

The following Model Improvement Task Force (MITF) members were in attendance:

Travis Hyde – Oklahoma Gas & Electric (OGE)  
Mike Clifton – Oklahoma Gas & Electric (OGE)  
John Fulton – Southwestern Public Service (SPS)  
Dustin Betz – Nebraska Public Power District (NPPD)

SPP Staff in attendance included Kelsey Allen (Secretary), Anthony Cook, and Scott Jordan.

**Discussion on TWG Action Item**

At the May 11-12 meeting, the TWG asked that the MITF to address how to model generation, either net or gross, in order to more accurately assess system stability.

*Background*

The group began discussion with a quick review of e-mail correspondence between its members prior to the meeting. This discussion focused on the need to model P<sub>MAX</sub> as gross with station power load explicitly modeled in order to achieve better accuracy during system stability studies, while also looking for ways to simplify any decision that is made by looking at possible scripts to convert between net and gross. Dustin Betz mentioned the script SPP uses to convert NPPD and OPPD gross generation to net during the ITP model building process. Don Taylor had pointed out that we need to be aware of Tariff requirements and implications of our decisions.

The group was amenable to a script to convert load between net and gross but John Fulton cautioned that this practice should be limited to certain types of generators in order to avoid errors during conversion, namely that combined cycle plants should be left as gross with station power load on due to the inherent nature of those plants.

After discussion, a few questions and suggestions still remained unresolved.

- What is Operations modeling in real time?
- Is there Tariff language requiring one method over another?
- How are the rest of the SPP members modeling P<sub>MAX</sub>?
- Diagrams should be developed for modeling of each type of generator.

Travis Hyde requested that the issue be put on the TWG agenda for further discussion



*Action Items*

1. Staff to poll the Modeling Contacts on their current method of modeling machine PMAX.
2. Staff to contact Don Taylor and request clarification on his comments about Tariff requirements.
3. Staff to add this topic as a TWG agenda item for the August 3<sup>rd</sup> meeting.

Respectfully Submitted,

Kelsey Allen  
MITF Secretary