

IEEE Power Systems Planning and Implementation Committee Meeting Chicago, IL, July 23, 2002

MEETING SUMMARY

ML Chan opened the meeting at 8:10 AM. He introduced the executive committee and then presented a service award to Mike Engel.

ML proceeded to describe future developments and plans that affect the operations of the Committee:

- There will be only one meeting per year
- A new conference (Power Systems Conference) has been created, to be held on a bi-annual basis starting in 2004; it will alternate with the T&D show. Our committee is expected to contribute to this new conference.

After six paper presentations, Veronika Rabl opened the floor for a general discussion. To set the tone, she briefly summarized the morning presentations as focusing on the general topic of "Operating in the New Market Environment," with particular emphasis on

- Reliability
 - Fundamental issues due to restructuring
 - Location-dependent issues – DG siting, generation design
- Incorporating market drivers into engineering
 - Planning software
 - Conservation load reduction
 - Benchmarking

She then asked the participants to list any implications, gaps, or issues stimulated by the papers and to be addressed in future meetings. Participants' input included:

- Power Quality needs to be covered better
- Standard market design – implications for generation and T&D planning
- Transmission planning
- Implications of RTO approach -- it combines control areas; what are the resulting control and planning issues
- What are the tools we need to combine market issues with engineering
- Breaker duty/design vs power quality (standard planning)
- Customer choice
 - What are the choices and their engineering implications
 - Who will decide and who/how will pay for it
- Ancillary services, particularly Frequency control and VAR support – how do we relate to reliability and how do we value and price them
- Market power analysis – are there good models? (Another committee deals with tools, our role is to focus on how things work.
- Benchmarking – document what's going on; cover tools other than DEA

The morning session was adjourned at noon.

The afternoon session started with four paper presentations. At about 4:30 PM, Greg Welch initiated a discussion about future programs. All papers will have to be submitted through the IEEE website.

The next committee meeting will be held in June 2003 in Toronto. Other upcoming meetings are:

- T&D Conference and Expo, Dallas, October 2003
- PES Meeting, Denver June 2004
- Power Systems Conference and Expo, October 2004.

A discussion ensued on the topic of meeting attendance. Comments included:

- We have serious competition from other Committees' sessions on planning and markets
- Clarify the scope of the committees
- Consider joint panels/meetings/sessions with other committees
- Other sessions are built around a coherent topic and focus on utilities

Also discussed were the merits of a "combo" meeting. There was a general agreement that the business meeting should not be combined with paper sessions. It's OK to combine it with less formal, panel sessions.

The following candidate topics were then suggested for future programs:

- Power theft – "non-technical losses" have become more important
- Long-term issues associated with creation of RTOs
- Minimizing cost of service and maximizing asset utilization
- Session with NERC and FERC representatives
- PBR status and issues

Three volunteers offered to organize sessions on

- Enterprise asset management
- Power theft
- RTO

These and other potential topics will be further refined by E-mail.

The meeting adjourned at 5:15 PM.