

IEEE Power System Planning and Implementation Committee Meeting Toronto, Ont., July 16, 2003

MEETING SUMMARY

ML Chan opened the meeting at 8:00 AM. He introduced the executive committee and described the organization of the Committee (see Attachment).

After self-introduction of the members and guests present, ML proceeded to describe discussions that took place during the Technical Council meeting. Much of it concerned two meetings planned for 2004:

- General Meeting, June 6 - 10, Denver, and
- Power Systems Conference and Exposition, October 10 -13, NYC.

Power Systems Conference and Exposition

- A new meeting, which will take place every even yr; Anil Pahva will represent us at the organizing committee. Anil then handed out the conference announcement and briefly described the Conference. The bulk of the information will be covered in panel (vs paper) sessions. We should plan on about 2 panel sessions. These will require summaries well in advance of the meeting.
- A discussion ensued concerning the difficulties if covering current topics when the lead time for submission is getting longer. It was explained that while the summaries are due early, the presentation materials are due at the conference. IEEE will be archiving these materials for future reference. The proceedings will include panel session summaries and papers.

We have submitted a panel session for the T&D Show (Dallas, Sept. 7-11).

The general meeting

Will include a committee meeting
Interim info is on the IEEE website

Operations and Procedures Manual requires that only IEEE members can be members of the Committee and vote. IEEE membership is NOT required for the Working Groups; the Working Groups can nominate their members for the Committee.

Transmission WG chair

Tom Gentile is looking for a replacement. Paola Rosetti was nominated and accepted the role of the chair.

Other Highlights

- Website is being redone and will be launched in August
- A new publication, Power Energy Magazine, should be used as one of our channels; our white papers will be published in it.
- There was an extensive discussion on standards, particularly the issue of recognition of IEEE's influence and expertise, even though IEEE is not a standards-making body.

Paper Reviews/Publications

- All need to contribute to the review of transactions and proceedings papers, so far it's been done by a handful of people.
- Proceedings papers cannot be republished in Transactions; however, it's OK to submit an expanded, archival version of the paper for the transactions.

- Transaction papers can be presented at the conference, but will not be included in the Proceedings.
- For more info, see “Authors’ Kit” on IEEE website

Transmission Working Group (Henry Chao)

Henry Chao reported on the sessions and reviewed issues raised during the sessions

Sesions:

Panel session “Transmission Issues???” was very well attended, 50-60 people. Of particular interest are models and tools for simulation of markets, events, economic dispatch, unit commitment.

Issues identified during this and the paper session were supplemented by suggestions from the floor. ML summarized the major transmission issues as follows:

- Transmission planning in the new regulatory framework
- Sustainability
- National grid and the attendant need for computers and communication
- Regulatory uncertainties, or what’s needed to stimulate merchant transmission
- Stability, parallel flow

These issues were then used to guide the development of the sessions for future meetings.

Customer Products and Services WG (Veronika Rabl)

Issues raised for this area are reflected in the planned sessions.

Distribution WG (Richard Brown)

Topics of particular interest during the paper session were:

- Modeling failure rates for asset management decisions
- Least-cost planning for non-traditional distribution systems; e.g., what should be design for differentiated service quality offerings.
- Distribution asset management; many costs are difficult to identify
- Data mining for service reliability (incl. in asset management)

These issues are reflected in the proposed sessions.

Proposed Sessions

All proposed sessions are summarized below.

SESSION (WORKING TITLE)	ORGANIZER	MEETING/ LOCATION
Transmission planning in deregulated environment <ul style="list-style-type: none"> • What’s the appropriate reliability metric • What are the economic impacts of reliability criteria • How to finance transmission 	Ramon Nadira, S&W	Denver
IRP & Sustainability in the deregulated environment	Carlos Dortolina (supported by Paula)	Denver
The National Grid concept	Greg Welch	NYC
Regulatory Framework <ul style="list-style-type: none"> • What’s needed to stimulate merchant X-mission 	Henry Chao	NYC

SESSION (WORKING TITLE)	ORGANIZER	MEETING/ LOCATION
Value of Demand Resources for G and T&D <ul style="list-style-type: none"> • Who benefits (Gerard Doorman) • Conservation voltage reduction (what's the voltage on customer side) • Aggregation – what does it take to make it work • Measuring small customer demand impacts (w/o interval meters) 	Veronika Rabl	Denver
Demand Response (programs) – an update <ul style="list-style-type: none"> • Dispatchability • Lessons learned • Metering requirements 	Veronika Rabl	NYC
IRP and all-source bidding	?	?
Failure rate modeling	Richard Brown	Denver
Least cost planning for non-traditional distribution systems	Richard Brown	?
Distribution asset management	ML Chan (supported by Han Tram)	NYC

Reminder by Greg: Each individual panelist must submit their own summary; i.e., not just one overall panel session summary

IEEE will not publish papers prepared by authors from countries embargoed by the State Department.

Approval of SM 2002 Minutes

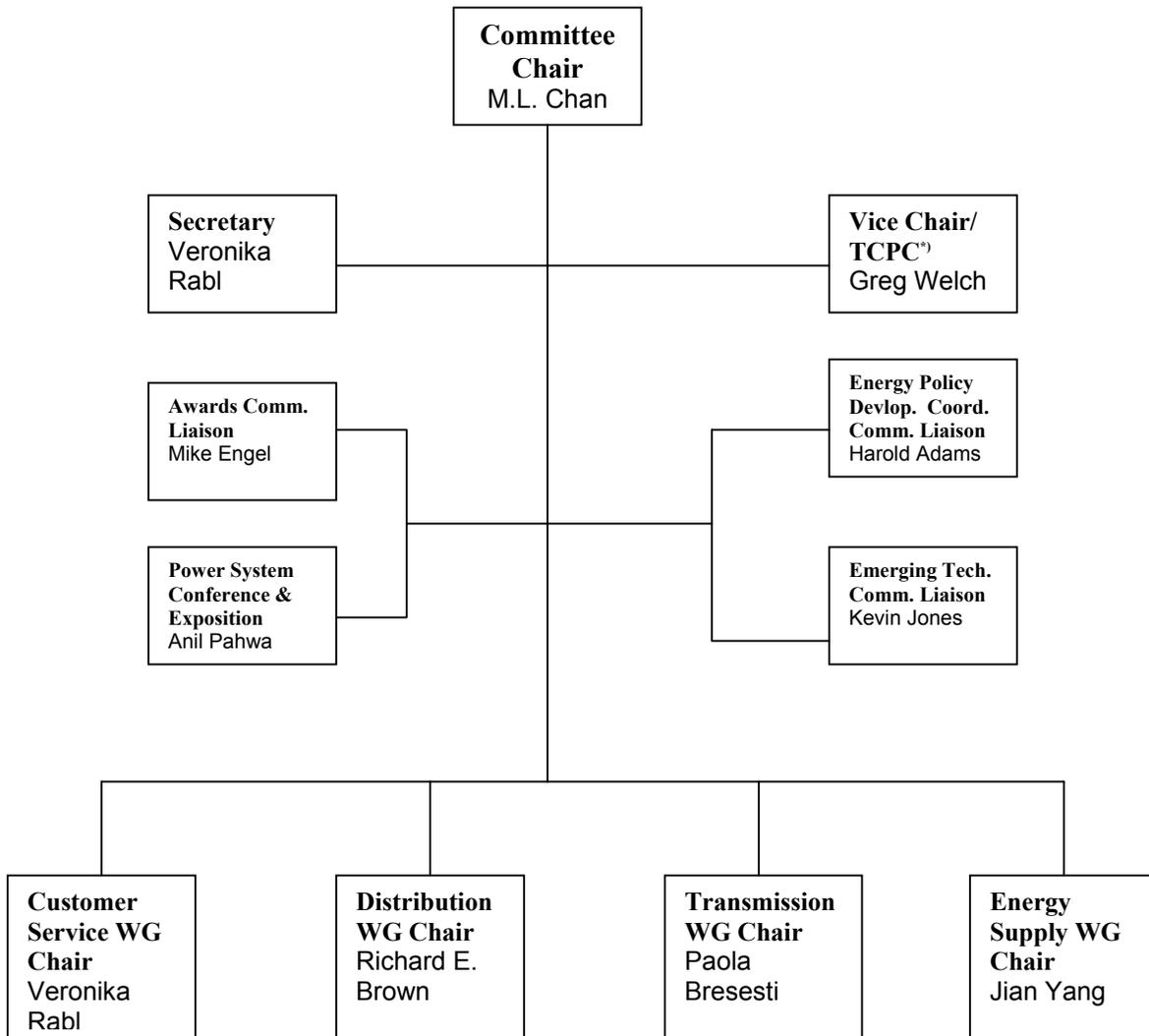
Richard Brown moved to approve, Greg Welch seconded, no discussion. Motion carried.

Adjournment

The meeting adjourned at 5:00 PM.

POWER SYSTEM PLANNING AND IMPLEMENTATION COMMITTEE

ORGANIZATION STRUCTURE



*) Technical Committee Program Chair