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**IEEE-PES-PSACE Committee Meeting
General Meeting 2010**

**Thursday, July 29, 2010, 9:00 - 12:00
Minneapolis Convention Center, Room 208 CD**

Agenda

1 Welcome, members introduce themselves

2 Minutes of GM 2009

Minutes were approved unanimously.

3 Subcommittee chair reports (including proposed panel sessions)

3.1 SES-Chair Francois Bouffard

Subcommittee meeting:

- SC met on 07/27/2010, Chair: François Bouffard, Vice-chair: Lawrence Jones (absent), Ning Lu: Secretary
- Attendance: about 35-40 (TBC once we have the complete minutes)
- Agenda: WG reports, Upcoming panel sessions' advertisements (2010 GM), Discussions of future panel sessions (2011 GM), AOB

Working group meetings:

- WG on Network charging
 - WG met on 07/26/2010
 - Joseph Mutale reporting for Furong Li (chair) who was absent
 - 8 attendants, 5 countries involved
 - Request name change to "Distribution Charging and Tariff Structures"
 - Preparing review paper and future focus on charges with smart grids
- WG on Sustainable energy systems for developing communities
 - WG met on 07/26/2010
 - Joseph Mutale (chair) reporting
 - 8 attendants
 - Preparing review paper surveying impacts of deregulation on rural electrification
- TF on Wiki of economic terms
 - TF meeting (07/26/2010) was attended only by 1 co-chair (Francois Bouffard)

- Proposal to disband the TF was approved due to low interest
- WG on Test systems for economic analysis
 - WG met on 07/27/2010
 - Christian Shaffner and Xiao-Ping Zhang (co-chairs) reporting
 - Good attendance, about 35
 - Discussions on how to take forward the development of a number of test systems (for different purposes: education, research, benchmarking)
- WG on Demand response
 - WG met on 07/27/2010
 - Avnaesh Jayantilal (chair) reporting
 - About 20 attendants
 - Discussions to propose a more inclusive name change (no decision taken, however)
 - Discussion to organise worldwide experiences survey and tap in similar Cigré activities (SC C5 and C6)

Panel sessions, paper fora:

- 07/27/2010 [Test Systems for Economic and Reliability Analysis](#)
 - Chairs: C. Schaffner, X.-P. Zhang & L. Bertling
 - Co-sponsored by CAMS
 - > 40 participants
 - Very positive response and discussions; strong support for having a follow-up panel next year
- 07/29/2010 [Forecasting Market Variables in a Smart Grid Environment](#)
 - Chairs: H. Zareipour & J. Contreras
 - Attendance & summary TBC
- 07/29/2010 [The Cost of Wind Integration as a Function of Penetration](#)
 - Chairs: N. Lu & A. Papalexopoulos
 - Attendance & summary TBC
- 07/29/2010 [Management of System Risk for Power Markets](#)
 - Chairs: L. Tesfatsion & A. Gubina
 - Attendance & summary TBC
- 07/29/2010 [Identifying and Prioritizing Market Enhancements with the Advent of Smart Grid](#)
 - Chair: F. Rahimi
 - Attendance & summary TBC
- 07/29/2010 [Reliability and Smart Grid: Public Good or Commodity?](#)
 - Chair: E. Litinov
 - Attendance & summary TBC
- 07/29/2010 [System Economics 1](#) (paper forum)
 - Chair: A. Gubina standing in for F. Bouffard
 - Attendance & summary TBC
- 07/29/2010 [System Economics 2](#) (paper forum)
 - Chair: F. Bouffard
 - Attendance & summary TBC

Other issues:

- SC website is in need of a serious overhaul (action on F. Bouffard and N. Lu)
- Currently 9 proposals for panel session for the 2011 GM (will work to merge proposals first before proceeding to a vote in the next month to reduce to about 4-5; there is a good contender for a super-session on long-term transmission planning as well as a joint super-session with the Climate Change Committee)

- Many participants complained about the scheduling of essentially all SC sessions in parallel. This needs to be addressed for next year. This concern will be in the official minutes of the SC meeting.
- Concern was voiced about the fact that all 5 SES sessions are scheduled in parallel.

3.2 ISS - Stephen McArthur

21 people attended

Chair, Vice-Chair & Technical Secretary will rotate at GM2011.

Panel Propositions for GM 2011:

- Multi-Agent System WG: “Agent-Based Modeling of Smart Grid Market Operations”, Co-chairs: Ivana Kockar and Leigh Tesfatsion
- Data Mining WG: “Data Mining for Smart Grid Applications”, Chair: Zita Vale
- Intelligent Control Systems WG: “Intelligent Control of Wind Plants”, Chair: G. Kumar Venayagamoorthy

Tutorial Propositions:

- Intelligent Control Systems WG propose a tutorial on “Evolutionary and Swarm Techniques for Power Systems”. Their preference is for GM in Detroit, 2011, but the process for this was unclear.
- Intelligent Control Systems WG propose a tutorial on “Intelligent Control of Wind Plants”. Their preference is for 2012, but the process for this was unclear.

Summary of IS Subcommittee meeting

MAS Working Group

- 29 people attended
- New website created and launched, offering resources and advice on constructing MAS
- 2 new TFs proposed:
 - TF on “Agent-Based Modeling of Smart Grid Market Operations”, Co-chairs: Ivana Kockar (Strathclyde) and Leigh Tesfatsion (Iowa State)
 - TF on “MAS Design Methods and Tools”, Chair: Dave Cartes (FSU)
 - There will be a focus on creating test cases for agents, supported by Alex Flueck (IIT)
- Dave Cartes (FSU) will become Chair at GM2011

Data Mining Working Group

- 11 people attended
- Published reference list on web site
- Working towards a book or transactions paper on Data Mining Techniques and Applications. 2011 target for draft.

Intelligent Control Systems

- 20 people attended
- 3 active TFs:
 - Intelligent Control for Wind Plants
 - Intelligent Control for Microgrids
 - Intelligent Control for Smart Grids

- Intelligent Control Systems WG proposes a tutorial on “Evolutionary and Swarm Techniques for Power Systems”. Their preference is for GM in Detroit, 2011, but the process for this was unclear.
- Intelligent Control Systems WG proposes a tutorial on “Intelligent Control of Wind Plants”. Their preference is for 2012, but the process for this was unclear.
- Edited book in preparation.

TF on Modern Heuristic Optimisation

- 12 people attended
- Working towards a white paper, with a potential for submission to Transactions.

TF on Intelligent Fault Management

- Status unclear. Co-chair Mo-Yuen Chow believed it had completed a 3 year life-cycle and wasn't continuing. Co-chair Mladen Kezunovic expected it to continue this year. Mo-Yuen will confirm status.

3.3 RRPA

Met Tuesday 10-12, over 40 attendees, congratulations to Chanan Sing, TAMU, who received the Roy Billington award, 1 task force chaired by Lina Bertling provided report,

3 new task forces were formed, working titles

1. Guide for reliability and other probabilistic elements for wind generation; index reporting, standards (762, either new one 762.1 or recommended practice) chaired by Mike Berling (??)
2. Common mode failures, chaired by milurec ???
3. Reliability of cyberphysical systems, chair Alejandro Dominguez-garcia

Chris dent is chairing today's paper session

2 new panel sessions proposed;

Bouffard there is a captive value of wind tf; Andy: there will be no overlap; we respond to NERC requirements

Names, scope and list of members will be emailed to the committee

Andy suggest to adopt the official language for standards for the O&P manual. Deadline is mid October for the O&P approval; the standard proposal is to be approved by December (???)

3.4 CAMS

Ivana reports on panel session organized by the the new TF whose scope is circulated today.

Name of other TF will change to Coordination of test systems; Rest too fast to

3.5 DSA

Meeting on xxx9-12,

2 WGs, one by tom, one by roger
Proposes 1 panel for PSCE on test feeder modeling
1 Detroit advanced DS analysis

1 new joint xxx may become WG Optimization for DG integration

4 Officer reports (chair, vice-chair, secretary)

4.1 VC

By November 15 the nominations for the awards need to be submitted; also paper awards; there were no nominations, so the prize paper was based on the number of citations.

There is also another three awards December 15, 3 technical council awards, TC-TCommittee Service award, TC-GOLD award (Graduates of last decade) and only considerations to the technical side will be considered. TC-Technical Committee Service Award, no nominations this year.

Dugan and Mitra : We need to recognize the past subcommittee chairs and the TCPCs on a more regular basis.

Motion by Niebur, second by Sando, all in favor.

Discussion about paper selection, acceptance rate

Alex Schneider suggested to submit the 4-slide paper forum presentation together with the paper for review.

Joydeep: The session chair has to be very clear about the goals of the 5 minutes and the author's kit has to be more clear about the paper forum.

Ask Maria about itenticate for the conferences.

Discussion how to formalize the TCPC process.

Steve Miller: Motivation for industry: standards and continuing education; issue is time, even 4 days is hard.

Thank Tom McDermott for the TCPC work.

4.2 Past chair report

Web site ok

Bertling: wg on test systems, purpose is to coordinate test system development, at this point no web site.

5 GM scheduling issues and numbers of sessions

6 Discussion on acceptance rate of papers

See VC report

7 Prize Paper and Outstanding Service Award

Best Paper McArthur TF paper 2007, service Tom McDermott

8 Remind/revisit TPC duties and schedule

Alex Schneider agreed to be the TCPC for Detroit; Roger Dugan and Karen Miu will alternate for T&D;

9 Remind/revisit committee liaison assignments

Mark is liaison for WCC: TF on capacity value, Mark thinks wind it up, job is done, but the WGCC suggest to make it to a standard or a recommended practices group.

10 Revised O&P for approval (otherwise cannot develop standards)

Volunteers: Ali Chowdry, Alex Schneider, Murthy Bavarathy, Mitra will help for the standards O&P

11 Website - appoint web administrator and suggestions for info on webpage

PSACE technical Secretary Dagmar Niebur agreed to administer web page ex officio. After rotation in January, new technical secretary (TBA) will be responsible.

12 Fellows committee

PSACE did not get any information, and was not asked for input on the Fellow Evaluation by the Technical Council Chair. Kevin did not provide any references in order to be unbiased for the review process.

There were 45 nominations but PSACE did not participate in the ranking process. We request the technical council to provide better communication.

Dagmar will find out who the chair of the fellows committee is and email to attendees.

13 Miscellaneous items

Dagmar will send out nominations: Yaman

13.1 Need more involvement in Standards Association Governance

Andy Ford agreed to serve on the Standards Committee.

13.2 <http://standards.ieee.org/sa/sa-om-main.html>

14 PSCE2011 Stagg Dopazo session - Arun Phadke

PSACE will sponsor session at PSCE 2011.

Announcement

Intelligent Grid Coordinating Committee (IGCC) prepared a roadmap on smart grids, (EPRI NIST DOE)

In the ISGT steering committee, Lena will email.