

Meeting minutes and notes from - September 13, 2011

Agenda:

- 11.00 - gather, attendance, new intros
 - 11.03 - review and approve agenda (this)
 - 11.05 - review and approve minutes of previous meeting(s)
 - 11.10 - report on Models and Tools survey (S. Schuette)
 - 11.25 - report on Modeling and Simulation Workshop,
IEEE SG Communications Conference, Brussels, Belgium, Oct 17, 2011
(C. Rodine)
 - 11.40 - review draft WG Schedule and Deliverables, rev 3
 - 11.55 - any new WG business
 - 12.00 - any other items
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11:00: Gather and attendance:

Craig: Called meeting to order, and attendees registered.

Attendees:

Bojan Kriznar
Stephen Browning
Steffen Schütte
Cyprian Peters
Jens Schoene
Nokhum Markushevich
Craig Rodine (Chair)
Martin Mak (minutes)

11:03: Craig reviewed today's meeting agenda and objectives.

11:05: Craig called for approval of the minutes from last meeting.
Approved unanimously.

11:10: Steffen Schütte - Report and update on Models & Tools Survey.

Intending to complete the collection of results from the Pilot survey within the next week.

Will be making modifications to the survey based on feedback and Pilot results.

Example: Increase the number of tools (used by survey respondents) to 5.

Expecting to send out proposed changes the first week of October.

Craig: Request for members of this group to send Steffen the names of SMEs (Industry recognized or associates within member organization) who should receive this survey.

Craig: The survey can also be forwarded to SMEs (finalized version).

11:25 Craig: Report on Modeling and Simulation Workshop,
IEEE SG Communications Conference, Brussels,
Belgium, Oct 17-20, 2011.
[2011 IEEE Smart Grid Comms](#)

There will be a one day workshop on modeling and simulation for the Smart Grid on October 17, 2011. The workshop aims at bringing together researchers from Academia, Industry, and National Labs to exchange research ideas and practical experiences in developing and using simulation and modeling software to understand the interactions of the Smart Grid.

Prospective papers are invited on All aspects of Smart Grid Modeling and Simulation research, including the following topics:

- Static and dynamic models for generators, transmission & distribution system components, and loads
- Steady state & transient simulation of the grid
- Integration of renewable generation and bulk-energy storage technologies to the grid
- Retail Market Competition, Dynamic Pricing & Demand Response
- Impact of Wholesale Market Competition
- Distributed Energy Resources, Micro-Grids, Distributed Storage, and Electric Vehicles
- Modeling of communication network characteristics and protocols
- Smart Grid Data Analytics
- Generation, Load, and Price forecasting in deregulated markets

TPC Co-Chairs:

Amit Naryan, Stanford, USA

Chris Develder, Ghent Univ. -IBBT, Belgium

Craig Rodine, AutoGrid, USA

Other workshops, various technical presentations and tutorial sessions are also planned for the 4 day event in Brussels. See <http://www.ieee-smartgridcomm.org/> for details.

11:40 - Craig: Review draft WG Schedule and Deliverables, rev 3

Summarized the work accomplished and deliverables of this group during the past 10+ months.

Discussed the need to clean-up/scrub the WG Schedule & Deliverables document(s) in preparation for our Q3 face-to-face - with reference to the OpenSG HAN & Security Working Groups documents as examples (form and content).

Craig to provide examples with a request to comments (soon).

11:50 - New WG Business?

Stephen Browning (stephen.browning@ntlworld.com)

Briefing on renewableUK's (formerly British Wind Energy Association (BWEA)) recent announcements and statements:

"The case for renewable energy is clear. The UK needs to play its part in tackling climate change, which we can achieve by harnessing our extensive natural energy resources. Carefully harnessed, the abundant and wholly sustainable energy from the wind, the sea and the sun can meet virtually all our energy needs – and in doing so will displace the need for imported and expensive fossil fuels. The new green industries which will achieve this will also generate tens of thousands of new jobs in some of the most deprived

areas of the country.” Tony Jupiter (Former Friends of the Earth Executive Director & chair of new pro-renewable energy group, ‘Action for Renewables’).

There are apparent gaps in the understanding of the physics and engineering required to interconnect wind sourced generation across the entire UK in the hope of ‘smoothing’ out local variability and thus provide high capacity low variability source of electricity...

Additional discussion included the UK’s plans to retire all of it’s Nuclear Generation stations by 2020 and the additional impact on the UK’s traditional (high availability commercial) generation source as a means to meeting electric demand.

12:00 - No additional business or other items were raised.

Meeting adjourned.