



IEEE PES Distribution System Analysis Subcommittee (DSASC)

Minutes

Meeting on July 28th, 2009
2009 PES General Meeting, Calgary, Canada

A meeting of the Subcommittee was held on July 28th at the IEEE PES General Meeting. Fourteen (14) participants were in attendance. The attendance list can be found below.

The meeting attendees were:

Attendee	Affiliation
Andrew Keane	University College Dublin
Bill Kersting	Milsoft
Bob Saint	NRECA
Dirk Baker	SAIC
Jason Fuller	Pacific Northwest National Laboratory
Kai Strunz	Tu Berlin
Karen Miu	Drexel University
Kevin Schneider	Pacific Northwest National Laboratory
Lina Bertling	Chalmers
Luis Marti	Hydro One
Roger Dugan	Electric Power Research Institute
Sando Carneiro Jr.	Federal University of Rio De Janeiro
Sarina Adhikari	University of Tennessee at Knoxville
Sukumar Brahma	New Mexico State University
Tom mcDermott	MelTran

Action Items

- 1) **All Subcommittee Members:** Reviewers are need for papers reviews.
- 2) **Roger Dugan:** Coordinate panel session at 2010 T&D
- 3) **Kevin Schneider:** Coordinate panel session at 2010 GM.
- 4) **Sando Carneiro Jr.:** Coordinate panel session at 2010 GM.
- 5) **Andrew Keane:** Begin work on Task Force for Optimization of DG Integration



- 6) **Tom McDermott**: Examine possibility of combo session for DSASC meeting at 2010 GM.

Contact Information

- Subcommittee Chair: **Tom McDermott**, Meltran, tom@meltran.com.
- Subcommittee Vice Chair: **Sukumar Brahma**, New Mexico State University, sbrahma@nmsu.edu
- Subcommittee Secretary: **Kevin Schneider**, Pacific Northwest National Laboratory, kevin.schneider@pnl.gov.
- Subcommittee Web Site: <http://ewh.ieee.org/soc/pes/dsacom/index.html>

DSASC Meeting Minutes

1. Welcome and introductions
2. Approval of the minutes, with corrections to date and time, from the DSASC meeting at the 2008 PES General Meeting in Pittsburg.
3. Discussion of paper and panel sessions. The paper forum at the 2009 Power System Conference and Exposition in Seattle Washington had a limited turn out; only 5 of 13 papers were presented. The panel from the 2009 general meeting had had 13 out of 19 papers presented.
4. Discussion was held about papers that are presented at a conference and then submitted as a transaction paper. It was noted that this should only be allowed if there were significant additions to the paper, incremental additions are not appropriate.
5. Karen Miu stated that more reviews are needed for papers, both conference and journal papers.
6. Luis Marti of Hydro One made a guest presentation on neutral voltage monitoring to be conducted at his utility over the next year.
7. Bob Saint of NRECA made a guest presentation on the IEEE 1547 family of standards. The new 1547.7 guide on DR impact studies will have a meeting in August.
8. New officers have rotated into positions and the search for a new Secretary should begin.
9. Roger Dugan has agreed to chair a panel session at the 2010 T&D meeting on the new 8500 node test feeder. The following are tentative panel members: Kevin Schneider, Bill Kersting, Sando Carneiro Jr., and Sukumar Brahma. If there are enough panel members the panel may be broken into two panels. Roger will make this determination after he determines interest level.



10. Kevin Schneider and Sando Carneiro Jr. have agreed to chair two panels at the 2010 PES General Meeting. These will be Part I and Part II of “Advances in Distribution System Analysis”.
11. The formation of a Task Force on the Optimization of DG Integration was suggested. Andrew Keane agreed to be the chair of this Task Force.
12. Tom McDermott suggested that the DSACS meeting next year should be a combo session.
13. Close the general DSASC meeting and move on to the Test Feeder Task Force Meeting and the WG P1729 on Recommended Practices.

Test Feeder Task Force Minutes

1. Roger has posted draft files for a large (8500 node) test circuit on www.rogerdugan.com. After enough parties solve this system, it will be posted to our EWH site, at <http://ewh.ieee.org/soc/pes/dsacom/testfeeders.html>
2. The two NEV test circuits are ready to post on the EWH site.
3. Bill is working on a “kitchen sink” feeder for regression testing at Milsoft, to include every type of component and connection in one system of about 100 notes. When ready, it can be posted to the EWH site.
4. Tom will begin a DG over current protection test feeder, with help from Karen.
5. Tom and Kevin will define some output metrics for reporting test feeder solution results. Short-circuit results need to be included.
6. Linda Bertling chairs a new WG to define consistent test system procedures across PSACE and maybe PES. The reliability WG will be updating their test systems next year.

Working Group P1729 Minutes

1. The wiki is ready for contributions and updates at <http://ewh.ieee.org/cmte/pes/p1729/doku.php>, but those on the WG will be getting their own passwords.
2. Tom discussed the unbalanced distribution line, transformer, and load models that have been proposed for IEC 61968 interoperability testing in December. WG members should review and comment ASAP.