



IEEE PES Distribution System Analysis Subcommittee (DSASC)

DRAFT Minutes

Meeting on July 24th, 2012
2012 PES General Meeting, San Diego, CA

A meeting of the Subcommittee was held on July 24th at the IEEE PES General Meeting. In conjunction with the subcommittee, the Distribution Test Feeder Working Group also met during the same period, meeting notes from that may be found in a separate document link on the main DSA website.

Nineteen participants were in attendance:

The meeting attendees were:

Attendee	Affiliation
Larry Trussell	GL Noble Denton
Luis (Nando) Ochoa	The University of Mandelson
Sukumar Brahma	New Mexico State University
Vitaly Spitsa	Polytechnic Institute of New York University
Kevin Jones	GL Noble Denton
Kevin Schneider	Pacific Northwest National Laboratory
Jason Fuller	Pacific Northwest National Laboratory
Roger Dugan	Electric Power Research Institute
Chikashi Nakazawa	Fuji Electric
Hsido-Dong Chiang	Cornell University
Ebony Mayhorn	Texas A&M University
Aleks Dimitrovoski	Oak Ridge National Labs
Sandoval Carneiro Jr	Federal University of Rio De Janeiro
Greg Shirek	Milsoft
Michael Kleinberg	Drexel University
Mesut Baran	NC State University
Bikash Pal	Imperial College London
Sarika Khushalani-Solanki	West Virginia University
Karen Butler-Purry	Texas A&M University



Contact Information

- Subcommittee Chair: [Kevin Schneider](#), Pacific Northwest National Laboratory, kevin.schneider@pnnl.gov
- Subcommittee Vice-Chair: [Greg Shirek](#), Milsoft Utility Solutions, greg.shirek@milsoft.com
- Subcommittee Secretary: [Sarika Khushalani-Solanki](#), West Virginia University, Sarika.Khushalani-Solanki@mail.wvu.edu
- Test Feeder Working Group Chair: Jason Fuller, Pacific Northwest National Laboratory, jason.fuller@pnnl.gov
- Subcommittee Web Site: <http://ewh.ieee.org/soc/pes/dsacom/index.html>
- Distribution Test Feeder Working Group: <http://ewh.ieee.org/soc/pes/dsacom/testfeeders/index.html>
- P1729 Recommended Practices for Electric Power Distribution System Analysis Chair: Tom McDermott, Meltran, tom@meltran.com, <http://ewh.ieee.org/cmte/pes/p1729>.

Action Items

- 1) [IEEE 2013 PES T&D panel](#): Need additional Panel Sessions proposed for PES T&D show in 2013.
- 2) [IEEE 2013 PES GM panel](#): Sarika proposed panel on *Plug-In Hybrid Vehicle integration to the Distribution System*. Scope would be broad but cover typical impacts: intermittency/scheduling, harmonics, off peak charging, etc. Similar panels have been at past T&D and PES General Meetings. Sarika and others should reach out to find potential panel members. Scope is due by September 2012.
- 3) As a result of the vast interest in the Challenges in Distribution System State Estimation panel session this year, the DSASC must stay involved with this topic as it is within the committee's scope. Take advantage and be leaders by coordinating with other committees and groups working in this area.
- 4) Jason Fuller plans to chair the panel session for *Topics in Distribution System Analysis – Distribution Analytics* at the 2103 PES General Meeting.

DSASC Meeting Minutes

1. Welcome and introductions



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2. Minutes of the DSASC meeting at the 2011 PES General Meeting in Detroit were approved.
3. Kevin stated there were two out of the twelve that were no shows at the poster session on Monday evening. Their papers will not be published.
4. Kevin mentioned he emailed the requirements ahead of time to all the paper forum authors scheduled to present on Thursday morning during Distribution System Analysis Paper Forum. New format in 2012 worked well and the sessions are now labeled as paper forums rather than poster sessions, more appealing
5. Bikash Pal chaired the Challenges in Distribution System State Estimation panel session which had a great turnout of close to 90 attendees. DSASC needs to stay involved with ongoing research and presentations on the topic. Look to team up for future panels with other committees.
6. Discussion related to inviting some of the authors of transaction papers to the panel sessions in order to have better representation from the industry folks, in addition to the more typical highly technical and academia related papers.
7. There may be no more PSCE conferences in the future. The thought is that people that typically attend the PSCE may attend and expand the scope of the ISGT (Innovative Smart Grid Technologies) conference.
8. Jason Fuller will chair the panel session for Topics in Distribution System Analysis – *Distribution Analytics* at the 2013 PES General Meeting. The new format for panels will be discussion oriented rather than paper writing requirements; presentations rather than formal IEEE papers. After panel, then all presenters will co-author a paper.
9. For future conferences, consider writing papers as a whole DSASC. This has been done recently by many committees such as the Wind Farm Collector Working Group. Format is to write a few papers related to a broader topic but have the individual papers be more focused on one area of interest.
10. Sando working on gathering data to create the large mesh network test feeder for the Test Feeder Working Group.
11. Kevin's statistics on the papers for this years' conference were as follows:
 - a. 50 papers submitted
 - b. 42 peer reviews
 - c. 28 accepted, 12 declined, 67% acceptance rate



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- d. 20 papers went to paper forum on Thursday, 12 went to evening poster session
12. Tom McDermott will be teaching at Pitt University. Working Group on Recommended Practice will continue but will most likely be worked via webinars rather than the traditional conference meetings.
13. Discussion last year on forming a load modeling task force has not been moved forward. Kevin stated he will continue to look into next year. History is that in the early 90's there was a task force on this topic, but in 1995 the task force dissolved as a result of difficulties in gathering data. However, at the present time with all the load monitoring and data available, forming a new task force may be much more ideal now.
14. Bikash Pal noted that he is involved with the PSDP task force on load modeling. May be better for the DSASC to coordinate with them to create a joint task force. Future papers/panels much more feasible nowadays due to AMI metering data and voltage recording.
15. It was stated that the PSACE needs to approve a task force (TF) transformation to a Working Group (WG) when the TF so desires or meets the requirements.
16. Sarika Khushalani-Solanki will be the new secretary in the officer rotation of the DSASC for the upcoming year.
17. TCPC – Greg was appointed the paper reviewer for 2013 IEEE PES General Meeting. Roger volunteered for 2014.
18. PES Awards – 32 awards are given every year, however many do not even get a single applicant and therefore go unfilled. Need WG members from each subcommittee to review the list of awards and determine which ones pertain to their committee's scope. Kevin volunteered to be on the working group to review the available rewards and determine which ones apply to DSASC.
19. Sarika proposed a panel session on Plug In Hybrid Integration with the Distribution System for 2013 General Meeting. Scope needs to be submitted by September 2012.
20. Close the general DSASC meeting and move on to the Test Feeder Working Group Meeting.