

IEEE P1409 Custom Power Task Force

Meeting Minutes

IEEE/PES 2003 Winter Meeting
Las Vegas, Nevada, USA

Tuesday, January 28, 2002, 8:00 AM to 10:00 AM
Riviera Hotel, Royale Skybox 202

The IEEE P1409 Distribution Custom Power Task Force met on January 28, 2003 from 8:00 to 10:00 AM. The task force chair, Ambra Sannino, chaired the meeting.

Introductions

The chair called the task force meeting to order at 8:00 AM. The attendees introduced themselves, identifying their names and company affiliations. A total of 24 people signed the attendance list (See Table 1). The attendee membership was 19 with 6 registered as interested guests.

Table 1: Attendance List for January 2003 Meeting of the Distribution Custom Power Task Force

Name	Company	Name	Company
Ambra Sannino	Chalmers University of Technology	John Kennedy	Georgia Power Company
Andy Dettloff	Detroit Edison	John Schwartzberg	Silicon Power Corporation
Bob Saint		Jim Polvi	Detroit Edison
Charles Perry	EPRI	Kai Strunz	Washington State University
D. Daniel Sabin	Electrotek Concepts	Larry Morgan	Duke Energy
Dave Gilmer	Consultant	Loubonir Kojoyic	
Dave Russo	Seattle City Light	Marek Waclawiak	United Illuminating Company
David Kreiss	Kreiss Johnson Technologies	Mark McGranaghan	Electrotek Concepts
David Vannoy	Enerwise Global Technologies	Mark Howard	Duke Energy
David Vannoy	Vannoy Consulting	Randy Collins	Clemson University
Doug Staszkesky	S&C Electric Company	Ram Mukherji	Mukherji Consulting
Frank Lambert	Georgia Tech - NEETRAC	Rao Thallam	Salt River Project
Fred Hensley	Megger	Russ Ehrlich	Conectiv
Gary Chang		Rodney Robinson	
Georges Simard	Hydro-Québec	Scott Peele	Progress Energy

Dan stepped down as chair of P1409 and Ambra Sannino replaced Dan as the new chair for IEEE P409. Dan has done an excellent work on the task force. Dan said that his workload would no longer allow him to continue the role as chair but would continue to support the task force. An agenda was presented and passed out with copies of changes in draft 8.1, action items and the chair reported that the minutes from the last meeting were posted to the web site last week, as well as draft 9 of IEEE P1409. Dan said that he has filed a PAR extension request.

Review of IEEE P1409/D9

We spent most of the meeting going page-by-page as a group through Draft 9 of IEEE P1409. As we went through the document, we reviewed the action item lists and updated the action items. The more important activity was identified as completing chapter 7. Larry Morgan agreed to chair this chapter with help from Randy Collins. Every section was reviewed for the updates and actions needed to be completed. Each section or article that is not currently finished now has a task force member charged with completing it. The group agreed to follow up the meeting with a summary of the action items in the minutes to encourage quick completion by March 31 for most of the items.

Action Items

Table 2: Summary of Action Items for IEEE Distribution Custom Power Task Force from July 2002 Meeting

Action #	Task	Assigned To	Due Date	Completed
2002-14	Provide better explanation of Table 4-1 and 4-2	Dan Sabin	3/31/2003	
2002-19	Refine Figures 5-1 and 5-2	Georges Simard	3/31/2003	
2002-20	Connect grounds in Figure 5-3 and Figure 5-4	John Schwartzberg	3/31/2003	
2002-21	Provide reference information on the phase angle jump during faults	Math Bollen (Ambra will follow-up)	3/31/2003	
2002-22	Change "Preferred Feed" and "Alternate Feed" in Figure 8-3 to "Preferred Source" and "Alternate Source" Add "Automatic" switching capability to Figure 8-3	Dan Sabin	3/31/2003	
2002-23	Obtain data points for Figure 8-8 and Figure 8-9 in order to make charts consistent with other charts in the document.	Dan Sabin	3/31/2003	
2002-25	Obtain data points for Figure 8-11 and Figure 8-12 in order to make waveform charts consistent with other waveforms in the document.	Dan Sabin	3/31/2003	
2002-26	Separate Figure 8-10 into two figures. Try to obtain better version of on line diagrams or redraw figure 8-10.	Charles Perry	3/31/2003	
2002-27	Obtain data points for Figure 8-13 and Figure 8-14 in order to make waveform charts consistent with other waveforms in the document.	Fred Hensley	3/31/2003	
2002-28	Obtain one-line diagram for case study in Section 8.2.2	Fred Hensley	3/31/2003	
2002-29	Finish the case study in Section 8.3 from reference B26	Ambra Sannino	3/31/2003	
2002-30	Provide update on custom power park project for single line diagram	Ambra Sannino	3/31/2003	
2002-31	Provide references for IEEE Transactions papers on custom power written by the IEEE/PES Task Force on Simulation of FACTS and Custom-Power Controllers	Reza Iravani (Ambra will check with)	3/31/2003	
2002-32	Complete chapter 7 on Performance Measurements	Larry Morgan, Randy Collins	3/31/2003	

The group discussed the possibility of having a panel session at the T&D Meeting in Dallas in September. Mark McGranaghan will follow up to find a possible panel chair and have him contact Mack Grady.

The group had much discussion on the future of the task force. A motion was made to elevate the status of the task force to a working group under the Power Quality Sub-Community. This

would then become a Power Quality Solutions Working Group. This working group would try and encompass solution for voltage sags, momentary interruptions, and harmonics. Task forces of Medium Voltage, Low Voltage, and P1346 (economics) update. We should also inform IAS of the proposals of the tasks forces and request possible joint sponsor in this working group.

The chair and Dan called attention to the nomination of Neil Woodley for the Custom Power Award. Ambra, Mark, Ram, and Dan agreed to write letters for Neil's nomination of this award.

Next Meeting

Our next meeting will be at the IEEE General Meeting in Toronto, Canada, July 13-17, 2003.

The Meeting was adjourned at 9:45 am.

Minutes recorded by Scott Peele