IEEE P1409 DISTRIBUTION CUSTOM POWER TASK FORCE

TF 15.06.05.01

Meeting Agenda

2003 IEEE/PES Transmission & Distribution Conference & Exposition
Dallas, Texas, USA
Thursday, September 11, 2003

Hyatt Regency Dallas, Moreno AB
2:00 to 4:00 PM

The IEEE P1409 Distribution Custom Power Task Force will meet at the 2003 IEEE/PES Transmission & Distribution Conference & Exposition in Dallas, Texas, USA, from 2:00 to 4:00 PM on Thursday, September 11, 2003. We will meet in the room Moreno AB at the Hyatt Regency Dallas.

1. Welcome
2. Introduction of members and guests
3. Review minutes from previous meeting and agenda for present meeting
4. Update on PAR extension
5. Status of P1409 Application Guide
6. Report from panel session at T&D Conference on September 9, 2003
7. New Business: how to continue after completion of the guide
8. Other business
9. Next Meeting
10. Adjourn

Title of Proposed Project

Trial-Use Guide for Application of Power Electronics for Power Quality Improvement on Distribution Systems Rated 1 kV through 38 kV

IEEE P1409 Project Authorization Approval Date

June 24, 1998.

Scope of Proposed Project

This project will develop a guide that introduces and defines the emerging technology of custom power. This technology involves devices and circuit configurations of power electronic equipment used in utility power distribution systems rated 1 kV through 38 kV for the purposes of mitigating problems associated with power quality. This guide will include definitions, general need guidelines, performance objectives, electrical environments, input/output criteria, performance measurements, case studies, bibliography, and engineering tradeoffs. The proposed document will address power assessment techniques as specified by IEEE Std. 1250-1995, which defines power quality terms and phenomena, and IEEE Std. 1159-1995, which provides a recommended practice for measuring power quality.

Purpose of Proposed Project

To provide guidelines and performance expectations for the application of power electronic-based equipment on utility distribution systems to improve power quality and control in these distribution systems. It will be a resource to utilities as they enter into the competitive marketplace, providing detailed information about custom power devices as options to solving power quality problems.

Task Force Information

Chair

Ambra Sannino, Chalmers University of Technology, Gothenburg, Sweden.
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Parent Working Group

This task force reports to the Distribution Voltage Quality Working Group, which is a working group of the Power Quality Subcommittee of the Transmission and Distribution Committee.

Internet Website

All documents for the task force are available online at http://grouper.ieee.org/groups/1409/. The user name and password for the P1409 draft document are listed below. Note that the password is case-sensitive.

User name: p1409
Password: APLtree