

# **IEEE P1409 DISTRIBUTION CUSTOM POWER TASK FORCE**

TF 15.06.05.01

## ***Meeting Agenda***

**IEEE/PES General Meeting 2004**

**Denver, CO, USA**

**Tuesday, June 8<sup>th</sup>, 2004**

**Adam's Mark Hotel, Tower Court C**

**8:00 to 10:00 AM**

The IEEE P1409 Distribution Custom Power Task Force will meet at the IEEE/PES General Meeting 2004 in Denver, Colorado, USA, from Denver, CO, USA on Tuesday, June 8th, 2004. We will meet in the room Tower Court C at the Mark Adam's Hotel.

1. Welcome
2. Introduction of members and guests
3. Review minutes from previous meeting and agenda for present meeting
4. Review of final draft of P1409 Guide
5. Balloting issues
6. New Business: how to continue
7. Next Meeting
8. 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