

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

TF 15.06.05.01

## ***Meeting Agenda***

**IEEE/PES 2002 Summer Meeting**

**Chicago, Illinois, USA**

**Tuesday, July 23, 2002**

**Palmer House Hilton, La Salle Conference Room 2**

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

The IEEE P1409 Distribution Custom Power Task Force will meet at the IEEE Power Engineering Society Summer 2002 Meeting from 8:00 to 10:00 AM on Tuesday, July 23, 2002. We will meet in the La Salle Conference Room 2 of the Palmer House Hilton.

1. Welcome
2. Introductions
3. Review minutes from previous meeting and agenda for present meeting
4. Working Discussion on P1409 Application Guide
5. Liaison Reports
  - CIGRE Custom Power Working Group
  - Task Force On Simulation of FACTS and Custom Power Controls
6. New Business
7. Action Items
8. Next Meeting: IEEE T&D Committee Meeting in Las Vegas from January 27-30
9. 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*

Dan Sabin, Electrotek Concepts, Inc.  
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### *Parent Working Group*

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

### *Internet Website*

All documents for the task force are available online at <http://grouper.ieee.org/groups/1409/>.