

IEEE P1409 DISTRIBUTION CUSTOM POWER TASK FORCE

TF 15.06.05.01

Meeting Agenda

IEEE PES Summer 1999 Meeting

Edmonton, Alberta, Canada

Tuesday, July 20, 1999

Klondike Conference Room, Crowne Plaza Chateau Lacombe

1:00 to 3:00 PM

The IEEE P1409 Distribution Custom Power Task Force will meet next during the IEEE Power Engineering Society Summer 1999 Meeting in Edmonton, Alberta, Canada. We will meet on Tuesday, July 20, from 1:00 to 3:00 PM in the Klondike Conference Room of the Crowne Plaza Chateau Lacombe.

1. Welcome
 - Introductions
 - Review minutes from previous New York meeting and agenda for present meeting
 - Report on Panel Session held at 1999 IEEE Transmission and Distribution Conference and Exposition
2. Working Discussion on P1409 Application Guide
 - P1409 Application Guide Overview
 - Breakup into Discussion Groups on Guide
 - Report of Discussion Groups to Task Force
3. Update on the Custom Power Technology Development List
4. Update on the Special Publication
5. New Business
6. Action Items
7. Next Meeting
8. Adjourn

IEEE P1409 Project Authorization Approval Date

June 24, 1998

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

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.

Secretary

Steve Middlekauff, Duke Power Company

Parent Working Group

This task force reports to the IEEE Distribution Voltage Quality Working, which meets on July 20, 1999, from 3:00 to 5:00 PM in the Klondike Conference Room, Crowne Plaza Chateau Lacombe

Internet Website

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