

Proposal to Create a New Power Quality Subcommittee
within the
Transmission and Distribution Committee

June 14, 2002

It is proposed that a new Power Quality Subcommittee be formed in the T&D Committee. The scope of this subcommittee would include:

- Coordinating all Power Quality activities within the T&D Committee and PES
- Planning and developing new standards related to Power Quality
- Organizing technical sessions and conferences related to Power Quality
- Coordinating Power Quality standards activities within the PQ subcommittee and other T&D subcommittees

The structure of the new Power Quality Subcommittee is described in Table 1. The Power Quality Subcommittee will include:

- a. Existing SCC-22 working groups and their task forces. These working groups are primarily involved in standards-writing projects.
- b. A new working group on PQ activities and standards. This working group will organize technical sessions and conferences, and will plan Power Quality standards projects.

The Distribution Subcommittee has an existing Distribution Voltage Quality working group with several task forces. The focus is primarily on voltage flicker, voltage sag, and custom power. It is proposed that this working group conduct a vote at the upcoming Summer Power Meeting to decide whether to

- a. Move to the new PQ Subcommittee, or
- b. Remain in the Distribution Subcommittee and coordinate its PQ activities and standards projects with the PQ Subcommittee.

The General Systems Subcommittee has an existing Power System Harmonics working group with several task forces. It is proposed that this working group conduct a vote at the upcoming Summer Power Meeting to decide whether to

- c. Move to the new PQ Subcommittee, or
- d. Remain in the General Systems Subcommittee and coordinate its PQ activities and standards projects with the PQ Subcommittee.

It is further proposed that the Task Force on the International Conference on Harmonics and Power Quality be moved to the Power Quality Subcommittee, with the objective of expanding scope and participation in this conference.

If this proposal is approved, it will be necessary to prepare a detailed scope for the PQ Subcommittee and identify candidates for chair and vice-chair.

Table 1. Proposed Structure for Power Quality Subcommittee within T&D Committee

Distribution Subcommittee	General Systems Subcommittee	Power Quality Subcommittee <i>(New)</i>	Other T&D Subcommittees
<p>WG on Distribution Voltage Quality <i>(may move to PQ Subcommittee, pending vote of its members)</i></p> <p>TF on Distribution Custom Power</p> <p>TF on Voltage Flicker</p> <p>TF on Voltage Sag Indices</p> <p>Eight other Working Groups, some with Task Forces</p>	<p>WG on Power System Harmonics <i>(may move to PQ Subcommittee, pending vote of its members)</i></p> <p>TF on Std. 519 Revision</p> <p>TF on Std 519A (Application Guide)</p> <p>TF on Harmonics Modeling & Simulation</p> <p>TF on Probabilistic Aspects</p> <p>TF on Non-Integer & Sub Harmonics</p> <p>TF on Harmonic Limits for Single Phase Equipment</p> <p>TF on LV Active Harmonic Filters</p> <p>Five other Working Groups, some with Task Forces</p>	<p>WG on PQ Terminology <i>(from SCC-22)</i></p> <p>WG on Monitoring PQ <i>(from SCC-22)</i></p> <p>TF on Data Acquisition Req'm'ts</p> <p>TF on Characterization of a PQ Event</p> <p>TF on Transfer of PQ Data</p> <p>WG on System Compatibility <i>(from SCC-22)</i></p> <p>TF on Electric Power System Compatibility with Electric Vehicle Single-Phase Battery Chargers</p> <p>TF on Electric Power System Compatibility with Adjustable Speed Drives</p> <p>WG on PQ Activities and Standards <i>(New)</i></p> <p>TF on Technical Session Planning <i>(New)</i></p> <p>International Conference on Harmonics and Quality of Power, ICHQP <i>(from GS)</i></p> <p>TF on PQ Standards Planning <i>(New joint TF with SCC-22)</i></p>	<p>Administrative</p> <p>Capacitor</p> <p>Corona & Field Effects</p> <p>DC and FACTS</p> <p>ESMOL</p> <p>Lightning and Insulator</p> <p>Standards</p> <p>Towers, Poles & Conductors</p>