

**IEEE Recommended Practice for Monitoring Electric Power Quality
Std. 1159-1995(R2001)**

Meeting Minutes

2003 IEEE PES Technical Committee Meeting, Las Vegas, NV
January 27 – 30, 2003

The meeting was called to order by Randy Collins, Chairman.

Attendees were asked to introduce themselves and sign the attendance list indicating their status as member or guest. One list was circulated for Members, and a separate list for Interested Parties. Participants were reminded that all correspondence is via email, so it is important that the lists reflect an up to date email address.

The minutes of the Summer 2002 meeting in Chicago were unavailable.

Status report from Task Forces

- 1159.1 – Charles Perry reported that the PAR for 1159.1 had been extended.
- 1159.3 - Scott Peele reported that 1159.3 has been forwarded to REVCOM and will be reviewed for final approval at the March 19 meeting. Since this marks the completion of the original task, Scott asked that a new Chair be appointed. The committee thanked Scott for perseverance in completing the Standard.

Old Business:

- a. Each of the Chapter Chairs was asked to give a brief update on the progress to date.

Chapter 3 – Definitions: Scott reported that he had reviewed the email received from Bill Dickerson. This information may be submitted for inclusion in 1433. Scott will attempt to coordinate with 1433 definitions. Changes/additions should be sent to Scott.peele@pgnmail.com.

Chapter 4 – Phenomena: Table 2 still needs to be updated. The existing material has been reviewed in the context of IEC 61000-4-30.

Chapter 5 – Chris Melhorn: Not present

Chapter 6 – Rich Bingham: Draft is in document

Chapter 7 – Tim Unruh: Text has been written

Chapter 8 – Dan Sabin/Math Bollen: Not Present

- b. Following the review of progress to date, those present split into chapter groups to work on additional content for the document. Each chapter convener was asked to provide the following information
 - a. Name of Chair and list of participating members
 - b. Outline of your chapter highlighting changes from the original
 - c. Text and graphics – New or changed
 - d. Needed information with assignments for completion.
 - e. Material to be collected and forwarded to Dave Vannoy and Randy Collins by July 1, 2003 for distribution prior to the July meeting in Toronto.

- c. Following the breakout sessions each chapter convener was asked to report back to the committee.

Chapter 3 – Scott Peele: All definitions are to be forwarded to Scott for inclusion in the definitions section. Chapter 3 should include only those terms that are newly defined in the document.

Chapter 4 – Erich Gunther: Table 2 conflicts with definitions contained in IEEE Std 1366. A footnote will be stating that the terms in 1159 apply to Power Quality phenomena and were developed to coordinate with IEC terminology. They are not intended to relate to reliability issues.

Voltage – Short Duration Variations will be changed to Short Duration RMS Variations were the term applies to current.

IEEE Std 1547 added Current Unbalance and Current Inrush. These quantities should be added to 1159.

Chapter 5 – Tom Gentile: Section 5.4 Add equipment types and how impacted by Power Quality Phenomena. Make this chapter as stand alone as possible without being redundant.

Chapter 6 – Rich Bingham: Filled in existing holes. CT and PT bandwidth issues are to be addressed.

Chapter 7 – Tim Unruh: Text has been written including safety issues. Chapter 5 should include discussion indicating “ If this is your objective, this is how you should monitor” and/or “look what happens if you do this rather than that”.

Chapter 8 – Russ Ehrlich: Discussion on Summary Table 8.2.1. Changes to Chapter 8 will be proposed for the July meeting.

Action items:

- a. Chapter chairs to submit requested items to Dave Vannoy and Randy Collins by July 1, 2003.
- b. Chapter coordination will be performed offline with the chapter chairs.
- c. The PAR should be discussed with the PQ Subcommittee the Working Group’s new parent organization.

There being no further business the meeting was adjourned. The next meeting will be held at the PES Annual Meeting in Toronto, July 2003.

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