

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

***Meeting Minutes***

2002 IEEE PES Summer Meeting, Chicago, IL  
July, 22, 2002

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 Winter 2002 meeting in New York were approved with no changes.

Status report from Task Forces

- 1159.1 – Randy reported that Alex McEachern had requested to be replaced as Chair of 1159.1. The replacement of Alex will be discussed under New Business.
- 1159.3 - Scott Peele reported that one (1) negative ballot had been received. Since the required number of positive ballots was received, the document was approved. The response to the negative ballot will be circulated prior to final approval of the guide.

Old Business:

- a. Randy reviewed the notes from the New York meeting. Chris Melhorn who was not present was replaced by Charles Perry as Chapter 5 Chair. A question was raised regarding the labeling of complex events. This subject should be addressed in Chapter 4.
- b. Following the breakout sessions each chapter convener was asked to report back to the committee.

Chapter 3 – Definitions: - Scott Peele: Should original definitions be expanded with 1433 information? Should this information be placed in an informative annex. We don't wish to maintain definitions in two places; however 1433 as it exists is a compendium of definitions from several sources.

Chapter 4 – Phenomena – Erich Gunther: Graphics will be updated with one for each phenomenon. The term imbalance will be replaced with unbalance. The scope should be clarified indicated that only conducted phenomena are considered. Chapter 4 should be read to coordinate with IEC 61000-4-30 and UNIPED durations. Typical values are based on the declared nominal. References should be updated.

Chapter 5 – Charles Perry: How to determine if you need to monitor will be discussed along with the preferred type of monitor. A bus case should be included.

Chapter 6 – Rich Bingham: Draft is ready.

Chapter 7 – Tim Unruh: Chapters 5, 6 and 7 go together. The objectives must be coordinated. Safety issues and OSHA standards should be included. A draft should be ready for the next meeting.

Chapter 8 – Dan Sabin: Chapter needs editing and updating to include short and long duration voltage variations. Should current events be considered?

Further discussion:

Larry Morgan suggested that each chapter be linked to IEC 61000-4-30. 4-30 should be distributed to the committee. Chapter chairs should review the two documents for conflicts.

New Business:

- a. At Alex McEachern's request, a new Chair needs to be selected for 1159.1. Charles Perry has expressed a willingness to serve in this capacity. After a brief discussion it was M/S/C to appoint Charles Perry as the new Chair of 1159.1. The Committee wishes to thank Alex for his leadership of this task force in the past.

Action items:

- a. Chapter chairs should link each chapter to IEC 61000-4-30.
- b. Randy and Dave should take steps to renew the PAR.

There being no further business the meeting was adjourned. The next meeting will be held at the PES Summer Meeting in Chicago, IL.

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