



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC
ENGINEERS, INC.
INDUSTRY APPLICATION SOCIETY
Industrial and Commercial Power Systems Department
Power Systems Engineering Committee
Emergency and Standby Power Systems Subcommittee



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May 23, 2003

Meeting Minutes from the May 5, 2003 IEEE Industrial Application Society I&CPS Conference at the Hyatt at Union Station in St. Louis, MO.

Orange Book Working Group

Attendance List

Charles Hughes, Allan Fyffe, Susan Kozemko, James Daley, Frederick Brockhurst
Barry Brusso, Herb Daugherty, Jim Jones, Dan Neeser, Neil Nichols, Kelly O'Donnell, Pat O'Donnell, Jim Ruggieri, Mel Sanders, Herb Whittall, Don Zipse, Joseph Weber, Bruce Douglas, Wei-Jen Lee, Noelle Humenick, Dev Paul, and Robert Henry.

There were 18 members and 4 guests comprising 22 total attendees.

1. Working Group Chairman Jim Daley called the Orange Book Working Group meeting to order in the Illinois Central room of the Hyatt at Union Station Hotel at 1:05 P.M.
2. The Orange Book Working Group meeting minutes from the October 14, 2002 meeting in Pittsburgh, PA was reviewed. Charles Hughes made a motion to accept the meeting minutes. Herb Whittall seconded the motion. The Working Group accepted the meeting minutes with no changes.
3. Jim Daley reviewed the revision status of the Orange Book.
 - a. All chapters must comply with the IEEE Standards Association Style Manual and be in an editable format with track changes enabled.



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- b. Information has been received on revisions to Chapter 6 from Neil Nichols and Chapter 10 from Pat O'Donnell. The persons developing those chapters determined during the meeting that the information was distributed for comment within the chapter working groups and is not ready to be distributed to the Orange Book working group for comment. All comments from the chapter working groups should be returned to Neil Nichols and Pat O'Donnell within 1 month of this meeting.
 - c. Jim Daley will be visiting the IEEE headquarters within the next 2 weeks and will determine how to make the Orange Book web site active for the working group revisions. Any information necessary will be distributed to the chapter chairs for access to the web site.
 - d. The PAR for the Orange Book was issued in January 2002; therefore, the revision must be completed by December 31, 2006.
 - e. All chapters should be ready for balloting by December 2004. Interim dates to accomplish this goal will be distributed by Jim Daley.
 - f. Susan Kozemko will distribute the current list of chapter chairs and associated contact information to the working group members.
 - g. Upon completion of chapter working group activities, the chapter chairs are to notify Jim Daley that the chapter is ready for the Orange Book working group input and that consensus has been obtained within the chapter working group. Jim Daley will in turn provide permission for the chapter to be distributed to the Orange Book working group members by Susan Kozemko.
4. The IEEE representative present at the meeting answered a question concerning requirements for referencing ANSI standards. The specific standard number and date are to be referenced if the standard is referenced, but if the standard number adds no value to the topic, then the number and date may be deleted and only a general reference should be made.
 5. The list of chapter chairs was reviewed. The status of Chapter 3 and the chapter chair was unknown at the time of the meeting. Jim Daley requested assistance with Chapter 4. Herb Whittall requested the electronic copy of Chapter 5 to annotate his changes. Chapter Chairs that need to add new definitions to those contained in the existing Orange Book should forward those definitions to Jim Jones.
 6. No new business was discussed.
 7. A motion to adjourn the meeting was made by Jim Daley. Charles Hughes seconded the motion and the meeting was adjourned at 2:00 P.M.

Emergency and Standby Power Systems Subcommittee

Attendance List



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Charles Hughes, Allan Fyffe, Susan Kozemko, James Daley, Frederick Brockhurst
Barry Brusso, Herb Daugherty, Neil Nichols, Kelly O'Donnell, Pat O'Donnell, Herb Whittall, Joseph
Weber, Bruce Douglas, and Dev Paul.

There were 12 members and 2 guests comprising 14 total attendees.

1. Sub-committee Chairman Charles Hughes called the Emergency and Standby Power Systems Sub-committee meeting to order in the Illinois Central room of the Hyatt at Union Station Hotel at 2:05 P.M.

Members and Guests were introduced.

2. The Emergency and Standby Power Systems Sub-committee meeting minutes from the October 14, 2002 meeting in Pittsburgh, PA was reviewed. Jim Daley made a motion to accept the meeting minutes. Susan Kozemko seconded the motion. The subcommittee accepted the meeting minutes with no changes.
3. Charles Hughes discussed his concern with the lack of communication occurring with the current revision of the Orange Book. Neil Nichols proposed that all Chapter Chairs keep Jim Daley included/involved in the communication flow for the chapter revisions.
4. Call for Papers –
 - a. Jim Daley is working on a paper that evaluates the new 1547 standard. Jim plans to present this paper at the May 2004 meeting. The abstract and title were due the day of this meeting.
 - b. Jim Ruggieri proposed a paper at a past meeting on hardening structures and electrical systems for homeland security reasons. That paper would also be presented at the May 2004 meeting.
5. Jim Daley questioned whether the topic of paralleling utility power and load transfer of emergency and standby power generators should be addressed in the Orange Book or not. With the recent deregulation of the electric utility and utilities looking for ways to provide stress relief from peak loads, design consideration should be given for parallel operation of generators. The subcommittee decided that this was an appropriate topic for the Orange Book and it should be addressed in Chapters 4 & 6 and possibly Chapter 9.
6. Barry Brusso questioned why photovoltaics were not included in the discussion of the Orange Book, because batteries as part of emergency and standby power systems are included in the book. He questioned why the discussion was not expanded to the source of the battery power, but the subcommittee determined that the battery power source is not part of the emergency and standby power systems.
7. A motion to adjourn the meeting was made by Susan Kozemko and seconded by Jim Daley. The meeting was adjourned at 2:50 P.M.



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