



July1, 1999

TO: Members of the Distribution Subcommittee

SUBJECT: Distribution Subcommittee Minutes – 1999 WPM New York, NY

Attached are the following items:

- Distribution Subcommittee Meeting Agenda (1999 SPM)
- Chairman's Report
- Distribution Subcommittee Meeting Minutes (1999 WPM)
- Task Force and Working Groups Minutes
- Membership List

Sincerely,

Gene Baker

GB/jpc

**DISTRIBUTION SUBCOMMITTEE MEETING AGENDA  
JULY 21, 1999  
EDMONTON, ALBERTA**

- 1. Introduction**
- 2. Approval of Minutes of Last Meeting**
- 3. Chair's Report**
- 4. Vice Chair's Report**
- 5. Working Group Reports and Discussion**
  - A. Distribution System Design 15.06.02 – C. A. Warren
  - B. Switching and Overcurrent Protection 15.06.04 – B. Tobin
  - C. Distribution Voltage Quality 15.06.05 – J. J. Burke
  - D. Separable Connectors 15.06.07 – R. J. Arndt
  - E. Distribution Automation 15.06.08 – J. R. Redmon
  - F. Distribution Maintenance Planning C. W. Williams, Jr.
- 6. Liaison Reports**
  - A. Insulated Conductors - D. Ward
  - B. Power System Relaying - J. T. Tengdin
  - C. Regional Committees - C. Warren
  - D. Surge Protective Devices - J. J. Burke
  - E. Switchgear - R. L. Capra
  - F. Transformers - P. Orehek
  - G. SCC 21 - M. Sheehan
- 7. Standards Activities**
  - A. ANSI C37.73 Padmounted Switch Fuse - R. L. Capra
  - B. ANSI C84 Preferred Voltage Rating - Walt Ros
  - C. ANSI C119.2 Separable Insulated Connectors - D. Bouchard
- 8. Open Discussion on Related Distribution Topics**
- 9. Schedule Next Meeting**
- 10. Adjournment**

## TASK FORCE AND WORKING GROUP MINUTES

### **Task Force on Voltage Flicker** – Larry Conrad, Chair

A meeting was held on February 2 at 8:00 a.m. at the Sheraton Hotel in New York City with 15 guests and members present. US, IEEE wants to be coordinated with IEC tests and standards. IEC is considering 60 HZ implementation of flicker meter. Discussed coordination between two groups. Group decided to accept IEC recommendations but would like to add points to the test curve. Recommended that filter design for both 50 and 60 HF systems should be the same.

This is the last year for the PAR. Existing task will be considered done when a document is recommended practice. An extension of the existing PAR will be requested.

### **Tutorial on IEEE Guidelines for Measuring Flicker SPM 99** – Mark Halperin will chair.

### **TF on Custom Power** – Dan Sabin chair.

A meeting was held on February 2<sup>nd</sup> at the New York Hilton in New York City with approximately 104 members and guests present. They reported that they had 120 people at the SPM in San Diego. They hope to have the first draft done in two months.

### **W. G. on Voltage Quality** – J. J. Burke – chair.

The working group met yesterday, February 3, 1999 at the WPM in New York City. Approximately 50 members and guests were present. Both working groups met and a summary of their activity is attached.

- 1) Certificate of Appreciation to Tony St. John
- 2) Need copy of old PAR for P1250 and a new application form.
- 3) Adding Cheri Warren to our liaison list for P1366
- 4) Tutorial for “IEEE Guidelines for Measuring Flicker” – SPM 99
- 5) Revision of P1250 – Considerable discussion took place as to where this standard should be re-issued, revised and brought up to date, or abandoned. It is the position of the chair that this standard is considered to be a very good and useful document since it addresses virtually all issues in one document. With some modifications and few additions (less than 5 additional pages), the revised document should continue to be of value to the industry.
- 6) PREFER a round table meeting room at future meetings.

### **W. G. on Switching and Overcurrent Protection** – Betty Tobin chair.

The working group on Switching and Overcurrent met at 11:45 a.m. on Tuesday, February 2, 1999. The Task Force on Distribution Networks and the Task Force on Faulted Circuit Indicators submitted their reports.

As follow-up to last summer’s meeting, we reviewed the status of IEEE Guide for Interfacing Dispersed Storage and Generation Facilities with Electric Utility Systems (ANSI/IEEE Std 1001-1988). This guide has been discontinued. The U.S. Department of Energy is encouraging the development and deployment of fuel cells. Consequently, IEEE SCC21 is working to revise STD 1001 within the next two years. There will be three or four meetings per year to accomplish this. We agreed that we would like to have IEEE Distribution members participate in this effort. Mike Sheehan and engineer from Pacific Gas & Electric will attend such a meeting in San Francisco during the week of February 15. Edison Electric Institute has identified 29 protection issues already. Information will be sent via e-mail to interested members.

Several discussions of recent switching incidents with co-generation and industrial facilities were discussed. Newspaper articles and a report on one incident at a hospital co-generation facility were handed out.

The meeting adjourned at 12:15 p.m.