

Meeting Minutes

C37.10.1 - **IEEE Guide for the Selection of Monitoring for Circuit Breakers** – Dave Mitchell, Mike Crawford – Stan Billings (temporary) – April 28, 2015 – St. Pete's Beach, Florida

Discussed agenda.

Minutes of Asheville meeting approved as written. Rod Saul moved & Todd Irwin seconded.

John Eastman volunteered to act as secretary for future meetings.

It was noted that the information that Dave had sent out did not reach the members of the committee since Asheville. The group agreed to go through the text as presented on the screen.

Discussion:

Section 4 - Purpose of monitoring.

- Gil asked if there was any predictive text. Charlie suggested that the predictive function is already included in this section. John Eastman suggested that minimization of environmental impact (especially SF6) should be specifically listed as being a goal of monitoring. Others commented and reinforced the suggestion.
- The format of the last subclause to start with a verb in agreement with the other subclauses.
- Suggested clarifying the subclause about breaker support to say circuit breaker security condition, and separate from the condition of the control functions.
- Discussed how monitoring can result in minimization of environmental impact and its importance.

Section 6.1 - Interrupter Circuit

- John Eastman had suggested that the paragraph on Interrupter Quality be expanded to additional criteria.
- Subclause on trip and close coil monitoring was corrected.

Subclause g was added to Section 6.3

Subclauses e, f, and g were added to section 6.4

Section 7 - Added FMEA to the section first paragraph

Dave noted that the existing analysis content should be retained.

Clarification was added to clause 7.5.1 to explain how monitoring can be used to improve maintenance efficiency and to anticipate and address incipient failures.

Dave asked whether evaluation of risk as a consequent of FMEAs should be added. Ken Edwards suggested that we should avoid speaking about the “value” of monitoring, but the group generally agreed that the discussion of cost benefit should be retained.

Dave will send out the latest revision for comment by all participants.

Comments should be returned by mid-July and Dave will send out a new revision incorporating the comments by mid-August.

Attending:

Syed Shahab Uddin Ahmed

Mauricio Aristizabal

Stan Billings

Arben Bufi

Eldridge Byron

Donald Cantrelle

Gilbert Carmona

Steven Chen

Chih Chow

Pat DiLillo

Denis Dufournet

John Eastman

John Hall

Charles Hendrickson

Victor Hermosillo

Roy Hutchins

Todd Irwin

Hua Ying Liu

Albert Livshitz

Bill Long

Vincent Marshall

Gary Martin

Peter Marzec

Timothy McGee

David Mitchell

Tom Pellerito

Anthony Ricciuti

Rod Sauls

Carl Schuetz

Jon Schumann

Devki Sharma

Michael Skidmore

Hongbiao Song

Dragan Tabakovic

Vernon Toups

Casey Weeks

Richard York

Xi Zhu

Jeff Brogdon

Jerry Wen

Brad Leccia

Jason Cunningham

Jean-Marc Torres

Otis Robinson

Aasim Atiq

Daniel Schiffbauer

Jan Weisler

Wei Zhang