

C57.143 – IEEE Guide for Transformer Monitoring
Monday, June 28, 2021, 3:00 PM EDT
Virtual Meeting
Minutes of WG Meeting

The meeting was called to order at 3:00 PM (EDT) by Chair Mike Spurlock. Vice-Chair Poorvi Patel and Secretary Elizabeth Bray were not in attendance.

There were 46 of 97 members present. A membership quorum was not achieved. The attendance for this meeting was as follows:

- Number of Members in Activity = 97
- Number of Members Present = 46
- Percentage of Members Present = 47%
- Number of attendees = 47
- Attendees requesting Membership = 0

List of Meeting Attendees is provided below.

First Name	Last Name	Company	Role
Nabi	Almeida	Prolec GE USA LLC	Member
Suresh	Babanna	SPX Transformer Solutions, Inc.	Member
Claude	Beauchemin	TJH2b Analytical Services	Member
Jean-Noel	Berube	Rugged Monitoring Inc.	Member
Stephan	Brauer	Morgan Schaffer	Member
Larry	Christodoulo	Electric Power Systems, Inc.	Member
Randy	Cox	GE Grid Solutions	Member
Stephanie	Denzer	Alliant Energy	Member
Hakim	Dulac	Qualitrol Company LLC	Member
Marco	Espindola	Hitachi ABB Power Grids	Member
Roger	Fenton	Fenton Solutions	Member
Lorne	Gara	Shermco	Member
Jack	Harley	FirstPower Group LLC	Member
Kyle	Heiden	EATON Corporation	Member
Stacey	Kessler	Basin Electric Power Cooperative	Member
Nicolas	Kostich	Ameren	Member
Dmitriy	Klempner	Southern California Edison	Member
Donald	Lamontagne	Arizona Public Service Co.	Member
David	Larochelle	NDB Technologies	Member
Xose	Lopez-Fernandez	Universidade de Vigo	Member
Darrell	Mangubat	Siemens Power Operations Inc.	Member
Kumar	Mani	Duke Energy	Member
Balakrishnan	Mani	Virginia Transformer Corp.	Member
Robert	Mayer	Siemens Energy	Member
Jim	McBride	JMX Services, Inc.	Member
Tony	McGrail	Doble Engineering Co.	Member

Emilio	Morales-Cruz	Qualitrol Company LLC	Member
Martin	Munoz Molina	Orto de Mexico	Member
Arturo	Nunez	Mistras Group, Inc.	Member
Anastasia	O'Malley	Consolidated Edison Co. of NY	Member
John	Reagan	Oncor Electric Delivery	Member
Mickel	Saad	Hitachi ABB Power Grids	Member
Mauricio	Soto	Hitachi ABB Power Grids	Member
Brian	Sparling	Dynamic Ratings, Inc.	Member
Mike	Spurlock	Spurlock Engineering Services, LLC	Chair
Brad	Staley	Salt River Project	Member
Markus	Stank	Maschinenfabrik Reinhausen	Member
Kyle	Stechschulte	American Electric Power	Member
Paul	Su	FM Global	Member
Mark	Tostrud	Dynamic Ratings, Inc.	Member
Marco	Tozzi	Camlin Power	Member
Rogério	Verdolin	Verdolin Solutions Inc.	Member
Matt	Webb	SPX Transformer Solutions, Inc.	Member
Drew	Welton	Intellirent	Member
Deanna	Woods	Alliant Energy	Member
Malia	Zaman	IEEE SA	Member
Peter	Zhao	Hydro One	Member

Agenda

- A. Welcome & Introduction
- B. Call for Patent Disclosure
- C. Review of Copyright Policy
- D. Quorum Check
- E. Approval of Agenda
- F. Review of Chapter 4 Edits To Date
- G. Discuss Pros and Cons of Splitting Chapter 4 Into Two Chapters
- H. New Business

Chair Mike Spurlock asked if a call for patents disclosure was made and no new patent claims were reported. One claimant that had notified the working group of an essential patent claim in 2020 mentioned that a letter of assurance was requested and will be transmitted to the WG Chair soon.

Chair Mike Spurlock mentioned that the purpose of this meeting was to follow up on the following statement included in the C57.143 WG Spring 2021 minutes:

There was discussion about the potential of splitting up chapter 4 into two separate chapters. Work has been done to the proposed chapters and Chair Mike Spurlock will circulate the proposed chapters to the working group members and set up a follow up virtual meeting to discuss the possible Chapter 4 split after the working group members have had a chance to review.

Mike indicated that review teams had recommended moving the “Business Case” section included in the new chapter 4 edits to Chapter 7. This action reduces the length of Chapter 4, and perhaps diminishes the case for splitting up the chapter. Comments were received from many WG members over the next 45 minutes, and no support was presented for splitting up Chapter 4. A summary of the comments is provided below:

Chapter 4 is not beneficial to the guide.

Chapter 4 is beneficial to the guide.

Statements on page 3 of Chapter 4 should be made more concise. It was suggested to either eliminate the statements preceded by hyphen or combine the hyphen statements with those preceded by a circle (open bullet symbol).

Replace the word “motivation” with “justification” throughout Chapter 4.

Benefits other than financial should be included in Chapter 4.

Safety should be the number one priority for the justification discussion.

IEEE has a requirement that no currency units be included in any tables in the guide, Markus Stank mentioned he will provide some examples to Elizabeth Bray for consideration on the Chapter 7 edits.

Brian Sparling recommended a good reference document for the review teams: CIGRE Technical Brochure 248 “Guide on Economics of Transformer Management.”

New Business

Jim McBride, Xose, and others are working on a section for on-line transient monitoring and hope to have something out for review before the fall 2021 meeting.

No other new business was brought up.

The meeting adjourned at 3:58 pm EDT.