

IEEE Transformers Committee
PC57.170 Condition Assessment Guide Working Group
Ballroom Century A, Westin Crown Center
October 24, 2023
Kansas City, MO

1. Call to Order

- A. Chair's Remarks
- B. IEEE-SA Policies
 - i. Call for Essential Patents
 - ii. Copyright
- C. Establishment of quorum 40 members present (55 members (to be verified) in Working Group) - quorum established > 50%. A total of 105 guests and members were present at the meeting.

2. Agenda Review and Approval

Approval of Agenda

Moved: Gary Hoffman
Seconded: Scott Reed

3. Approval of Meeting Minutes

Motion to accept minutes of the spring meeting March 20, 2023 @ Milwaukee, WI

Moved: Tim Raymond
Seconded: Bill Whitehead

4. PAR Topics

A. Timeline review

Working Group Chair Kumar Mani showed a slide with where we are in the process relative to the PAR timeline.

- Completion of Straw Ballot to WG- Nov 30, 2023
- Comment Resolution Group work completion- Feb 28, 2024
- Vote to SA ballot- Spring 2024 WG meeting
- Publish Guide- Dec 2025

5. Technical Topics

a. Guide Draft Status

Draft was emailed to all members of the working group with a request for comments in Sept 2023.

b. WG Straw Ballot Results

Received 24 comments so far from the members, mostly editorial and some technical. These comments were not discussed during today's meeting. Deadline for receiving straw ballot comments was extended to Nov 30, 2023 (no motion required).

c. Setup Comment Resolution Group

Motion was moved to form Comment Resolution Group and allow the CRG to review and make changes to the guide draft:

Moved: Marcos Ferreira
Seconded: Tim Raymond
Carried unanimously.

The following WG Officers volunteered to be part of the Comment Resolution Group:

Alan Sbravati
Saramma Hoffman
Emilio Morales-Cruz
Tim Raymond
Alvin Vanderwalt
Marco Ferreira
Luis Cheim
Attila Gyore
Bill Whitehead
Mauricio Soto
Elizabeth Bray
Trent Williams
Hakim Dulac
Brad Staley
Janus Szczechowski
Kwasi Yeboah
James Cross
Kumar Mani

6. Action Items

- a) Email draft to Paul Boman at HSB.
- b) Email draft to Nathan Jakob at Camlin
- c) Verify membership for the following and send confirmatory email: Evengi Ermakov, Joshua Yun, Hakim Dulac, Gary Hoffman, Amitabh Sarkar, Hemchandra Shertukde, Mauricio Soto, Tim Rocque, Enrique Betancourt, Dharam Vir and Peter Zhao.

7. Unfinished Business

None

8. New Business

None

9. Next Meeting

A. March 10, 2024 – Vancouver, BC Canada

10. Meeting was adjointed.

Motion to adjourn: Bill Whitehead, Seconded: Alan Sbravati

Carried unanimously.

Kumar Mani

James Cross

Akash Joshi

Chair

Vice Chair

Secretary

List of Attendees:

First Name	Last Name	Member Y/N	Affiliation
Mohammed	Al Yousuf		PSEG
Alex	Alahmed		
Robert	Allison		Dominion Energy
Jennie	Aloenlio		
Richard	Amos		Retired
Elise	Arnold		SGB – SMIT Group
Kush	Arora		
Javier	Arteaga		Hitachi Energy
Elizabeth	Bray		Southern Company
Samuel	Brodeur		Hitachi Energy
Erich	Buchgeher		Siemens Energy
Enrique	Betancourt	Y	GE Prolec
William	Boettger	Y	Boettger Transformer Consulting LLC
Jorge	Cantu		
Juan Alfredo	Carrizales		GE Prolec
James	Cross	Vice Chair	Kinectrics
John	Crouse		Roswell Alliance
Tim	Dappen		Cargill
Luiz	Cheim	Y	Hitachi Energy
Yamille	del Valle		Neetrac
Eric	Doak		D4 Energy Solutions
Hakim	Dulac	Y	APT Technologies
Paul	Dolloff		
Jeffrey	Door		H-J Family of Companies
Zack	Draper	Y	Delta X Research
Don	Dorris		Nespower
Wayne	Ellis		Memphis Light, Gas & Water
Evgenii	Ermakov	Y	Hitachi Energy
Joe	Faherty		
Zlatan	Fazlic		Camlin Power
Marco	Espindola	Y	Hitachi Energy
Marcos	Ferreira	Y	Quanta Technology
Atila	Gyore	Y	M&I Materials Ltd
Rich	Frye		
Jeffrey	Gragert		Xcel Energy

James	Graham		Retired
Ismail	Guner	Y	Hydro One
Shamaun	Hakim		WEG Transformers
Corey	Hanson		
Roger	Hayes		GE
Thang	Hochanh		IREQ
Gary	Hoffman	Y	APT Technologies
Saramma	Hoffman	Y	PPL
Jean	Hernandez		Neetrac
Traci	Hopkins		H2 Scan
Rezai	Hossein		
Natan	Jakob		
Christopher	Jhonson		Oncor
Thrinadla	Katapeli		VirginiaTransformer Corp
Axel	Kraemer		Reinhausen
Stacey	Kessler		TC Energy
Jacob	Kuruvilla		Exelon
Aleksandr	Levin		Weidmann
Weijun	Li	Y	Beld
Luc	Loiselle		Tetrattech
Stephanie	Mabrey	Y	Weidmann
Jinesh	Malde		MI Materials
Kumar	Mani	Chair	Duke Energy
Emilio	Morales-Cruz	Y	Qualitrol Corp
Anatoliy	Mudryk		Camlin Power
Paul	Mushill	Y	Ameren
Volney	Naranyo		Megger
Arturo	Nunez		Mistras Group
Joe	Nims		Allen & Hoshall, Inc.
Tomas	Olsson		Hitachi Energy
Rakesh	Patel		Hitachi Energy
Poorvi	Patel	Y	EPRI
Monil	Patel		
Patrick	Picher		IREQ
Chris	Ratledge		Dynamic Ratings
John	Reagan		RWE Renewables
Tim	Raymond	Y	EPRI
Larry	Rebman		
Scott	Reed	Y	MVA Diagnostics
Perry	Reeder		GE Prolec

Jonathan	Reimer	Y	
Tim	Rocque	Y	GE Prolec
Mickel	Saad	Y	Hitachi Energy
Tommy	Salmon		GE
Oliverio	Sanchez		GE
Amitabh	Sarkar	Y	Virginia Transformer Corp
Alan	Sbravati	Y	Hitachi Energy
Hemchandra	Shertukde	Y	Univ. of Hartford
Jonathan	Sinclair	Y	Black & Veatch
Mauricio	Solo	Y	Hitachi Energy
Brad	Staley	Y	Leeward Energy
Dean	Summer		
Charles	Sweetser	Y	Omricon
Janusz	Szczechowski	Y	Reinhausen
Troy	Tanaka		Burns & McDonald
Miloje	Tanaskovic		Boiler Inspection & Insurance of Canada
Mark	Tostrud	Y	Dynamic Ratings
Rogério	Verdolin	Y	Verdolin Solutions Inc.
Dharam	Vir	Y	GE Prolec
Pragnesh	Vyas	Y	Solomon Corp
Joshua	Yun	Y	Virginia Transformer Corp.
Matthew	Webb		GE
Drew	Welton		Intellirent
Peter	Werelius		Megger
Leon	White		H2 Scan
William	Whitehead	Y	H2 Scan
Trenton	Williams		APT Technologies
Deanna	Woods		Alliant Energy
Jeffrey	Wright	Y	Duqlight Power
Kwasi	Yeboah		GE
Samuel	Young		Hitachi Energy
Guang	Yuan		Hitachi Energy
Peter	Zhao	Y	Hydro One
Kris	Zibert		Allgeier, Martin and Associates

Guests Requesting Membership:

First Name	Last Name	Affiliation	Requested Membership
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Eric	Doak	D4 Energy Solutions	Y
Jeffrey	Gragert	Xcel Energy	Y