

Working Group PC57.91 Loading Guide Meeting Minutes

December 4, 2020

11:00 AM – 12:15 PM (EST)

Webex Meeting

1. The Chair made the opening remarks and proposed a meeting agenda.
2. Establishment of quorum- Number of Current Members = 52; Number of Members Present in Meeting= 18; Quorum Present = 41% and with a total number of 44 attendees (see attached list) at the meeting.
3. The meeting agenda was approved unanimously without objection.
4. **Call for Patents:** A call for patents was made and there were none claimed.
5. **Copyright Policy:** The IEEE copyright policy was reviewed.
6. **Discussions on Pathways**
 - A. The Chair reviewed with the WG that the current PAR for this standard expires on Dec 31, 2021.
 - B. The Chair reviewed with the WG that the current Guide will expire on Dec 31, 2021.
 - C. The Chair presented three initial pathways for discussion:
 - a. Continue with the present mark-up (Draft 3) with updated abstract, introduction, revision of ancillary components sentence (clause 9.2.2) and revision of bushing overload language (B.1).
 - b. Continue with the present mark-up PLUS correct bubble evolution equations and Clause 7 equation errors identified by one member.
 - c. Continue with the present mark-up PLUS correct bubble evolution equations and Clause 7 equation errors identified by one-member PLUS review the thermal models in the Guide, select most appropriate thermal models to update/present, update mathematical equations to the differential form, suggest ways to solve these equations, consider merging Clause 7 with Annex G, examples, etc.
 - D. The incoming Insulation Life SC chair supported keeping the Guide on schedule with the existing PAR then consider reopening soon after with the more extensive updates.
 - E. Additional discussion supported 6.C.c option above.
 - F. While we did not have a quorum with this meeting, we opened a Webex poll as an opinion poll for all attendees (members and guests voting):

Which pathway should we proceed with?	
A.Ballot guide as presently marked up	6/46 (13%)
B.Ballot guide as marked up with updates to bubble equations and clause 7 error	13/46 (28%)

C. Request extension and work to get updates to Clause 7, Annex G and differential equations	16/46 (35%)
No Answer	11/46 (24%)

7. Since a quorum was not present, we could not make a formal decision. The Chair proposed and the attendees agreed that an email poll to the members will be sent out for voting on our direction. Given the results of the poll above with “C” as the leader, only “B” and “C” options will be presented for email voting. The results of this poll will determine how we proceed in 2021.

8. Adjournment

a. The meeting was adjourned at 11:53 AM.

9. Membership: Following the meeting, Sam Sharpless requested membership and meets the qualifications so he will be added.

Chair: David Wallach

Vice-Chair: Javier Arteaga

Secretary: Kumar Mani

Meeting Attendance and Membership Status gathered from WEBEX Chat:

Bruce Webb has also dialed in on the call for the record
Malia Zaman IEEE-SA
Devki Sharma (Entergy)
Tim Raymond EPRI
Claude Beauchemin
Bruce Webb Knoxville Utilities Board
John K John ,Virginia Transformer Corp. MemberL
Wallace Binder, WBBinder Consultant
Sam Sharpless, Rimkus Consulting Group, Guest
Eric Doak D4EnergySolutions Consulting
Dinesh Sankarakurup, Duke Energy, Guest
Brian Penny (American Transmission Co.)
James Gardner, SPX Transformer Solutions
Juan Acosta, Ergon Inc
Anastasia O'Malley, Con Edison Co. of NY attended as a Guest
David Calitz - Siemens Energy - member
Patrick Picher (guest) Hydro-Québec
James Gardner, SPX Transformer Solutions
Bruce Webb KUB Member
Claude Beauchemin TJH2b Guest
George Frimpong - Hitachi ABB Powergrids
Ali Naderian ,,METSCO Energy Solutions, Member,
Devki Sharma
Tim Raymond, EPRI (Member)

Kyle Stechschulte AEP, Guest
 Don Dorris, Nashville Electric Service, Guest.
 Eric Doak D4EnergySolutions Member
 Stacey Kessler Basin Electric Power Cooperative
 Javier Arteaga - Hitachi ABB Power Grids
 John K John, Virginia Transformer Corp. I am Member.
 Daniel Blaydon - Member, Baltimore Gas & Electric
 Anatoliy Mudryk - Camlin Power, Guest
 Wallace Binder, WBBinder Consultant, WG Member
 Huan Dinh, Hitachi ABB Power Grids, Guest
 BVrain Penny (American Transmission Co.) Guest
 Florin Faur SPX, Guest
 Saramma Hoffman, PPL, Member
 Good Jobby Davide
 Dmitriy Klempner, Southern California Edison, Guest
 Mario Locarno member?
 Tim-Felix Mai, Siemens Energy, Guest
 Rodrigo Ocon , IEM-Condumex, GUEST
 Jeffrey Wright - Member
 Roger Hayes Ge Grid Solutions
 Jeffrey Wright - Member, Duquesne Light
 David Wallach, Duke Energy

Meeting Member/Guest/Attendance based upon the second poll taken during the meeting.

Are you attending as a member or a guest?

A.Member 18/44 (41%)

B.Guest 23/44 (52%)

No Answer 3/44 (7%)

A B

sam sharpless		X	
Bruce Webb		X	
Malia Zaman		X	
Terence J. Martin		X	
Kyle Stechschulte		X	
John K John		X	
Eric Doak		X	
Claude Beauchemin		X	
Wallace Binder		X	
Dinesh Sankarakurup		X	
Brian Penny		X	
Devki Sharma		X	
David Calitz Guest		X	
Patrick Picher		X	
Florin Faur		X	
jwright		X	
Roger Hayes		X	
Zack Draper		X	
Dmitriy Klempner		X	
Anastasia		X	
Ali Naderian		X	

Daniel Blaydon		X		
George Frimpong		X		
HUAN DINH			X	
Jim Graham			X	
mhammons				
Susan			X	
Sheldon Kennedy		X		
Poorvi Patel		X		
Sanjib			X	
Don Dorris			X	
Shibao Zhang			X	
Javier Arteaga		X		
Albert Sanchez			X	
Saramma Hoffman		X		
Timothy Raymond		X		
Stacey Kessler		X		
James Gardner			X	
Oleg Roizman		X		
Kurt Kaineder				
AnatoliyMudryk			X	
Tim-Felix Mai			X	
Mario Locarno				
Rodrigo Ocon			X	
David Wallach		X		