

IEEE Transformers Committee  
**C57.12.40**  
**Secondary Network Transformer Working Group**

**Fall 2020 Virtual Meeting Minutes**

**WebEx**

10:50 am October 20, 2020

**Members Present**

Dan Schwartz (Secretary)  
Douglas Craig  
Tom Dauzat  
Larry Dix  
William Elliott  
Mark Faulkner  
Brad Kittrell  
Brian Klaponski  
Charles Morgan  
George Payerle  
James Ratty  
Pedro Salgado  
Adam Sewell  
Jeremy Sewell  
John Vartanian

**Company**

Quality Switch  
Richards Manufacturing Co.  
Prolec GE  
Quality Switch  
Prolec GE  
Eaton Corporation  
Consolidated Edison Co. of NY  
Carte International Inc  
Eversource Energy  
Carte International Inc  
Richards Manufacturing Co.  
Electronic Technology Inc.  
Quality Switch  
Quality Switch  
National Grid

**Guests Present**

Scott Abbott  
\*Juan Acosta  
Jerry Allen  
Erich Buchgeher  
Lucas Coffey  
John Crouse  
Attila Gyore  
Didier Hamoir  
Robert Kinner  
Kyle Knous  
Kent Miller  
Ashmita Niroula  
Vinay Patel  
Anil Sawant  
\*Avilit Shingari  
\*Travis Spooone  
Christopher Sullivan  
Mike Waldrop  
Malia Zaman  
\*Kyle Zemanovic

**Company**

PPG  
Ergon, Inc.  
Metglas, Inc.  
Siemens AG  
Alabama Power  
Roswell Alliance  
Midel  
Transformer Protector Corp.  
First Power Group LLC  
Eaton Corporation  
T&R Electric Supply  
Ergon, Inc.  
Consolidated Edison Co. of NY  
Virginia Transformer Corp.  
Pepco  
Eaton Corporation  
Westmark Partners  
Memphis Light, Gas & Water  
IEEE  
Eaton Corporation

\*Requested Membership

- 1) The group met on Tuesday, October 20, 2020 at 10:50 am with 15 members and 20 guests. Four (4) guests requested membership. Quorum was not achieved with 15/35 (43%) of members present.
- 2) A call for patents was made; none were mentioned.
- 3) Copyright requirements were reviewed by the Chair.
- 4) An agenda was presented and approved, and introductions were made.
- 5) The minutes of the October 29, 2019, meeting in Columbus, OH were reviewed. The minutes were approved unanimously.
- 6) The Secretary served this meeting as Chair.
- 7) The Chair reviewed that the PAR was approved and became active May 21, 2019 and expires December 31, 2023.
- 8) Old Business - The Chair reviewed the previous meetings list of topics to be addressed in the next revision of C57.12.40 and the following items were discussed:
  - a. It was discussed that the Task Force on Corrosion and Cathodic Protection was meeting later this afternoon to discuss results and finding of the past year. It was determined that Corrosion and Cathodic Protection should be addressed as separate items in the future revision. Both were requested to be inserted as informative annexes in the future revision along with addressing any required items within the standard as well. The current standard was reviewed by Dan Schwartz and Jeremy Sewell for areas that would require addressing corrosion and CP; it was then determined that this activity should wait to be fully addressed based on recommendations from the TF.
  - b. John Vartanian (National Grid) and Brad Kittrell (Consolidated Edison) agreed to present on Cathodic Protection initiatives (during the next meeting) at each respective company to provide some background on CP.
  - c. Brian Klaponski agreed to develop wording and scoping on standardized tank and throat sizing in the standard for the group to review at the next meeting.
  - d. Brian Klaponski agreed to develop wording and scoping on improved bushing standardization in the standard for the group to review at the next meeting.
  - e. John Vartanian and Brad Kittrell agreed to present at the next meeting on their respective company's primary switch location methodology regarding safety and operational requirements.
  - f. Dan Schwartz agreed to review C57.12.24 compared to C57.12.40 to identify any discrepancies between the two standards. He will also communicate with Ben Garcia (Chair of C57.12.24) to discuss findings.
  - g. Brian Klaponski (Carte) and Will Elliott (GE Prolec) agreed to review Tables 7 (up to 600 V), 8, and 9 to update them for current practical requirements.
  - h. Type testing for arc withstand was tabled until future meetings due to intellectual property concerns of each manufacturer and if that type of test can be developed.
- 9) New Business – The Chair opened the discussion on any new items the group felt needed to be addressed in the next revision.
  - a. It was discussed that there needs to be some clarification of the testing required on primary switches pertaining to Section 6. Cory Morgan agreed to review the section and provide input on points of clarification that should be addressed.
- 10) The Chair discussed that we have a few meetings to hash out the proposed modifications to the current revision, but that we must be diligent about doing so in order to finish the next revision in a timely manner.
- 11) The meeting was adjourned at 11:35 PM with the next meeting set for Toronto, ON on April 27, 2020.

Respectfully submitted,  
D. Schwartz, Secretary