

IEEE Transformers Committee
C57.12.40
Secondary Network Transformer Working Group

Spring 2022 Denver Meeting Minutes

Hyatt Regency, Denver, CO

Mineral Hall B-C

11:00 AM MDT March 29, 2022

Members Present

Dave Blew (Chair)
Dan Schwartz (Secretary)
Douglas Craig
Tom Dauzat
Larry Dix
William Elliott
Brad Kittrell
Brian Klaponski
Dan Mulkey
George Payerle
James Ratty
Adam Sewell
Jeremy Sewell
Russell Sewell
Avijit Shingari
Liz Sullivan
John Vartanian

Company

Consultant (Retired PSE&G)
Quality Switch
Richards Manufacturing Co.
Prolec GE
Quality Switch
Prolec GE
Consolidated Edison Co. of NY
Carte International Inc
Mulkey Engineering Inc.
Carte International Inc.
Richards Manufacturing Co.
Quality Switch
Quality Switch
Quality Switch
Pepco
Dominion Energy
National Grid

Guests Present

Joshua Adams
Nabi Almeida
Herton De Oliveira Filho
Sanford Fong
Ken Hampton
Jack Harley
*Vinay Patel
Bruce Webb
Bill Whitehead
*Mike Zarnowski
*Requested Membership

Company

Quanta Underground Power Services
Prolec GE USA
PSE&G
Georgia Power Co.
BGE and Exelon Company
First Power Group LLC
Consolidated Edison Co. of NY
Knoxville Utilities Board
H2scan
Carte International Inc.

- 1) The group met on Tuesday, March 29, 2022 at 11:00 AM MDT with 17 members and 10 guests. Two (2) guests requested membership. Quorum was achieved with 17/28 (61%) 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 for approval. Motion to approve was made by George Payerle and seconded by Will Elliott. The agenda was approved unanimously.

- 5) The minutes of the November 16, 2021, meeting on WebEx were reviewed. A motion to approve was made by Jeremy Sewell and seconded by Adam Sewell. The minutes were approved unanimously.
- 6) The Chair reviewed that the PAR was approved and became active May 21, 2019 and expires December 31, 2023. The Chair will apply for a two-year PAR extension in 2023 prior to expiration of the current PAR.
- 7) 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. **Primary Switch Testing** - Cory Morgan (Eversource) provided wording to update Section 6.2.2.3. Wording of the paragraph was updated by the group; the updated paragraph wording has been documented and will be updated in Rev1 of the new document. A motion was made to approve the changes by Liz Sullivan and seconded by Tom Dauzat. The motion was approved unanimously.
 - b. **Update of Tables 8 & 9** – A modified combination of Tables 8 & 9 (will be the new Table 7) were reviewed. A motion to approve the combined table was made by John Vartanian and seconded by Brian Klaponski. The motion passed unanimously. It was also agreed that these modifications to the document can be reviewed later prior to balloting.
 - c. **Tank and Throat Sizing** – Modified wording and removal of Table 7 was presented. Table 7 was removed, and the paragraph modified to reference Figures 3 and 4. A motion to approve the changes was made by Jeremy Sewell and seconded by Will Elliott. The motion passed unanimously.
 - d. **Bushing Standardization** – A discussion was held about the updated Appendix B. Dave Blew agreed to provide any updates to Appendix B for the next meeting in Charlotte.
 - e. **Cathodic Protection and Corrosion** – The work of the corrosion TF was discussed. The group decided it would be best to reference the in-progress Guide (C57.12.53), but because the new Guide would most likely not be approved before this standard, the group decided to maintain the current references in the standard until the next revision.
- 8) New Business – The Chair opened the discussion on any new items the group felt needed to be addressed in the next revision.
 - a. New wording was discussed to address tank cover design and not allowing debris and fluids to settle on the tank cover. Wording was provided. A motion was made to approve the wording by Larry Dix and seconded by Dan Mulkey. The motion was approved unanimously. Additional wording will be discussed and provided prior to the next meeting by Larry Dix and Dan Schwartz.
- 9) The meeting was adjourned at 12:04 PM MDT with the next meeting set for Charlotte, NC on October 18, 2022.

Respectfully submitted,
D. Schwartz, Secretary