Chairman: Tony Reiss

Vice-Chair: Nabi Almeida

Meeting Date: March 26th, 2025 Location: Denver, CO Time: 11:00 – 12:15 MST

#### **Meeting Administration:**

• Sign In

• Chairman's Comments:

The chair called the meeting to order at 11:00, we started with chair remarks, the WG thanked George Payerle for his help with this SC. The chair requested C57.12.57 (not currently on the SC list) Brian Klaponski suggested this to be treated as a new business.

• Quorum Determination:

We asked for attendance to raise their hands to confirm membership and quorum evaluation, we had 23 members present and achieved quorum. Total attendance was 45 people.

• Member list:

		D 1 05	
Nabi	Almeida	Prolec GE	
Alex	Ayala	Power Partners, Inc.	
Jared	Bates	Oncor Electric Delivery	
Piotr	Blaszczyk	Specialty Transformer Comp.	
David	Blew	Retired (PSE&G)	
Jeffrey	Brooks	Asplundh Engineering	
Thomas	Dauzat	AEP-SWEPCO	
William	Elliott	AEP-SWEPCO	
Carlos	Gaytan	Prolec GE	
Kenneth	Hampton	Baltimore Gas & Electric	
Ramadan	Issack	American Electric Power	
Brian	Klaponski	Carte International Inc.	
Alejandro	Macias	CenterPoint Energy	
Vinay	Patel	Consolidated Edison Co. of NY	
George	Payerle	Carte International Inc.	
Clemens	Reiss IV	Custom Materials, Inc.	
Dan	Schwartz	Quality Switch, Inc.	
Adam	Sewell	Quality Switch, Inc.	
Jeremy	Sewell	Quality Switch, Inc.	
Alan	Traut	Howard Industries	
John	Vartanian	National Grid	
Joshua	Verdell	ERMCO	
Michael	Zarnowski	Carte International	

## • Guest List:

Kevin	Biggie	Weidmann Electrical Tech.	
Jim	Cai	JSHP	
Janet	Crockett	Fayetteville PWC	
Rich	Cryer	Digital Grid	
Sanford	Fong	Georgia Power Co.	
Alan	Fujimori	Romagnole	
Yazmin	Galindo	Quality Switch, Inc.	
Gilberto	Garza	Prolec	
	Green-		
Matthew	haw	OG&E	
Kendrick	Hamilton	ERMCO	
Patrycja	Janosz	IEEE SA	
Adam	Klaponski	Carte International	
Nicholas	Koinis	CenterPoint Energy	
Parry	Lively	Tempel	
Nicholas	Manske	Oncor Electric Delivery	
Curtis	Moore	Digital Grid	
Hugo	Murillo	H-J Family of Companies	
Joe	Schumack	Ameren	
Russell	Sewell	Quality Switch, Inc.	
Stefan	Siebert	Brockhaus	
Timothy	Tillery	Howard Industries	
Stephen	Wolback	Alabama Power	

- Present agenda for approval Agenda unanimously approved, motion by Tom Dauzat, seconded by George Payerle
- Approval of the Fall 2024 St. Louis, MO minutes
  Minutes unanimously approved, motion by George Payerle, seconded by Will Elliott
- Announce new STNP members: Jared Bates
- New committee members:
- WG chairs remember if it is not in the minutes, it did not happen at your meeting.
- Does anyone request SC membership? Indicate on roster. 2 individuals requesting membership. One approved.

#### **Working Groups Report:**

- C57.12.23 Single-Phase Submersible Transformers working group –
- Alan Traut, Chairman; Noah Chesser, Vice Chair; Alex Macias, Secretary

Revision due date: 12/31/2028
PAR Approval Date: 2/15/24
PAR Expiration Date: 12/31/28

Stage: Working on standard

**WG remarks:** Al Traut report the WG met, there was no quorum. He reported the WG had a good discussion and a new business was proposed but could not be voted for due to the lack of quorum. Discussion on the LV terminals, the WG has the intention of combining the current 2 tables into one. There was discussion on the problem that happens when using non mag hardware on current carrying terminals, and the WG agreed to add a note calling this to the attention of the users.

#### **Minutes from WG Meeting:**

## PC57.12.23 – Single Phase Submersible Transformers

Monday, March 24, 2025 11:00 AM Denver, Colorado USA

Chair: Alan Traut, Howard Industries

Vice-Chair: Noah Chesser, Oncor Electric Delivery Secretary: Jared Bates, Oncor Electric Delivery

#### Call to Order

The meeting was called to order by the Chair at 11:00AM MST on Monday, March 24, 2025.

## Essential patent statement and copyright slides

There was a call for essential patent claims by the Chair. There were none brought forward. The Chair announced if there was one to inform the Chair. The IEEE copyright slides were shown to the WG. No copyright issues were identified in the material presented at the meeting.

## **Chair Report**

C57.12.23 was published in 2018 and will expire in 2028. The present PAR was approved 2-15-2024 and expires 12-31-2028 so there are 5 in-person meetings available to work on the revision. This being the third in-person meeting. The chair is targeting to vote to send the document to ballot in Fall of 2027.

## Membership & Quorum

Total attendance was 57, with 30 of 60 members, 27 guests with 9 of those guests requesting membership. This was our third meeting, so no one is in jeopardy losing membership at this point. Quorum was not met. The attendees are listed below. The Secretary will work with absent members to verify they still want to be members so that we can meet quorum in the future.

First Name	Last Name	Company or Affiliation	Role	First Name	Last Name	Company or Affiliation	Role
Nabi	Almeida	Prolec GE	Member	Fernando	Meza	Power Partners	Member
Stephen	Ashcraft	Hitachi Energy	Guest	Curtis	Moore	Digital Grid, INC.	Guest
Alex	Ayala	Power Partners	Guest	Charles	Morgan	Eversource Energy	Guest
Jared	Bates	Oncor Electric Delivery	Member	Tyler	Morgan	Duke Energy	Member
Piotr	Blaszczyk	Specialty Transformer Components	Member	Daniel	Mulkey	Mulkey Engineering Inc.	Member
Jeffrey	Brooks	Aselundt Eng	Member	Martin	Munoz	Orto	Member
Christopher	Brown	San Diego Gas & Electric	Guest	Hugo	Murillo	HJ Family of Companies	Guest
Jim	Cai	JSHP Transformer	Member	Ismael	Naja	Eaton Corp	Guest
Noah	Chesser	Oncor Electric Delivery	Vice Chair	Daniel	Oh	Hyundai	Guest
Matthew	Chisholm	IFD Technologies	Guest	Nurudeen	Olayiwola	PECO Excelon	Guest
Paul	Chisholm	IFD Technologies	Guest	Joel	Pacas	IFD Technologies	Guest
Craig	Colopy	Eaton Corp (Retired)	Guest	Besjan	Pajaziti	Brockhaus Measurements	Guest
Douglas	Craig	Richards Mfg	Guest (R)	Tihomir	Pandza	Siemens Energy	Guest
Janet	Crockett	Fayetteville PWC	Guest	Vinay	Patel	Con Edison of NY	Member
John	Crotty	Ameren Services	Guest	George	Payerle	Carte International Inc.	Member
Rich	Cryer	Digital Grid, INC.	Guest	Goran	Plisic	Siemens Energy	Guest
Tim	Dappen	Cargill	Guest	Daniel	Posadas	Prolec Celeco	Member
Thomas	Dauzat	AEP - SWEPCO	Guest	Jarrod	Prince	ERMCO	Member
Tony	DiBiase	Temple (Canada)	Guest	lon	Radu	Hitachi Energy	Guest
Qusai	Elnimri	Vantran Transformer	Guest	James	Ratty	Richards Mfg	Guest (R)
Hugo	Flores	ERMCO	Guest	Martin	Rave	IFD Technologies	Guest
Sanford	Fong	Georgia Power	Member	Robert	Reepe	Georgia Power Co.	Guest
Chris	Franklin	MG Power Associates	Guest	Tony	Reiss	Custom Materials Inc	Guest
John	Fraser	IFD Technologies	Guest	David	Rohrer	First Energy	Member
Kevin	Frye	Central Moloney Inc	Guest	Mason	Rush	Central Moloney	Member
Yazmin	Galindo	Quality Switch	Guest (R)	Mike	Saannon	REA Magnet Wire	Guest (R)
Benjamin	Garcia	Southern California Edison	Member	Pedro	Salgado	Richards Mfg	Guest (R)
Gilberto	Garza	Prolec GE	Guest (R)	Fernando	Salinas	Power Partners	Member
Hector	Garza	Orto	Guest	Stefan	Schindler	Mashinenfabrik Reinhausen	Guest
Carlos	Gaytan	Prolec GE	Member	Joseph	Schumack	Ameren Services	Guest
Ali	Ghafourian	H-J Family of Companies	Member	Jeremy	Sewell	Quality Switch	Guest
Stephen	Gilbert	IFD Technologies	Guest	Russ	Sewell	Quality Switch	Guest
Michael	Gonzales	Southern California Edison	Member	Jaber	Shalabi	Vantran Transformer	Guest
Christian	Gottschalk	City of Fort Collins	Guest	Audrey	Siebert-Tim	IFD Technologies	Member
Luke	Grandbois	IFD Technologies	Guest	Igor	Simonov	Toronto Hydro	Member
Kendrick	Hamilton	ERMCO	Guest	Chris	Slattery	First Energy	Guest
Kenneth	Hampton	Baltimore Gas & Electric	Member	Jimmy	Smith	Howard Industries	Member
Michael	Hardin	HJ Family of Companies	Guest	Steve	Snyder	Hitachi Energy	Guest
Ramadan	Issack	American Electric Power	Member	Jim	Spaulding	City of Fort Collins	Guest
Rebecca	Kim	Cheryong Electric	Guest	Shankar	Subramany	KEMA Netherlands	Member
Adam	Klaponski	Carte International Inc.	Member	Jesse	Theberge	Temple (Canada)	Guest
Brian	Klaponski	Carte International Inc.	Member	Michael	Thibault	Pacific Gas & Electric	Member
Nicholas	Koinis	CenterPoint Energy	Guest	Tim	Tillery	Howard Industries	Member
Nihat	Kosedogi	ERMCO	Guest	Fernando	Tirado	Prolec GE	Guest (R)
Gilbert	Kozer	Northeast Transformer	Member	Alan	Traut	Howard Industries	Chair
Patrick	Kozer	Northeast Transformer	Member	Steve	Tsai	JST Power Equipment	Member
Kang	Lee	Chenyong Electric	Guest (R)	Reinaldo	Valentin	Duke Energy	Member
Angela	Leigl	EATON Corporation	Guest	Jeremy	Van Horn	IFD Technologies	Member
David	Lin	IFD Technologies	Guest	John	Vartanian	National Grid	Member
Parry	Lively	Temple	Guest	Joshua	Verdell	ERMCO	Guest
Alejandro	Macias	CenterPoint Energy	Secretary	Hector	Villa	Ecuatran SA	Guest (R)
Nicholas	Manske	ONCOR Electric Delivery	Member	Shelby	Walters	Howard Industries	Member
Katherine	Marvlanda	Magnetron	Guest	Bruce	Webb	Knoxville Utilities Board	Member
Nader	Masoud	Central Moloney	Guest	Alan	Wilks	Consultant	Guest
Mohammed		IPS	Guest	Samuel	Young	Hitachi Energy	Guest
Tim	Menter	Lincoln Electric System	Guest	Michael	Zarnowski	Carte International Inc.	Member
			,				

## **Approval of Agenda**

Skipped approval of the agenda since we did not meet quorum.

## **Approval of previous meeting minutes**

Skipped approval of the previous meeting minutes since we did not meet quorum. Old Business

- Clause 7.1 General
- Added reference to C57.12.53 Guide for mitigating corrosion on subsurface transformers and network protectors. While this is currently a draft, 12.53 WG plans to go to ballot after the spring 2025 meeting so it should be published before 12.23 goes to ballot in late 2027.
- Clause 7.4.1 Mitigation of Galvanic Corrosion (new clause by Tom Dauzat)
- This is the proposal of the new clause that Tom suggested. The new clause was read aloud. Al asked if the addition of this new material was appropriate, and if so, is it in the correct place? Vinay Patel (Con Ed.) said that C57.12.53 is not yet published and to make sure that it is published before we make any change. It should be published before our standard, but if not, we will refer to it as a draft. Brian Klaponski (Carte) recommended doing a straw ballot to see where the support is at on the proposal, and a majority supported adding this into the document. Carlos Gayton (Prolec GE) mentioned that some customers use silicon bronze pressure relief valves with a stainless tanks and Tom said that there will still be galvanic corrosion but it won't be as bad.
- Proposed clause 6.2 for C57.12.23/D3 Dielectric Tests Al Traut
- Al proposed his rewording of the clause in a word document. Alex Macias commented that C57.12.34 is also going to propose a rerouting of this section and also has a table on it and that we should be sure to have common terminology. Al replied that C57.12.38 has this same wording and likewise in C57.12.20 has the same language. No other comments. Al will put this proposed clause in the next draft and we'll take action on it at that time.
- 7.2.3 Low-Voltage Terminals (Proposed)
- Al showed the present clause and said there really isn't an issue there but wanted to look at the tables. Currently in Table 4 which has the low-voltage terminal size which is a lookup by kVA and voltage and it tells you what terminal to use. In the stud figure there is another lookup table by kVA and voltage that tells you what stud to use. This requires to look at two tables to come up with plate terminal description. We want to align it with C57.12.24 for three phase submersibles. Combining and organizing the table in the same way will align better. No objections.
- On 120 V column for 167 and 250 kVA we specify a 1.25" stud but we also have an H-spade but in other standards they specify a J-spade. Josh Verdell (ERMCO) commented that those sizes with 120 V secondary are very uncommon. Al stated that another option would be to state "N/A" for these sizes. Jim Spaulding (City of Fort Collins) stated that the largest size with 120 V secondary used at Fort Collins is a 75 kVA. We will re-visit the 120 V rating for 167 and 250 kVA when we have a quorum.
- Tom Dauzat requested that a label stating "avoid using magnetic hardware on electrical bolted connections" be added because it will create a magnetic field around that bolt and end up loosening up overtime. This includes the ground as well. Al said this gets into

a grey area, where does the scope start and stop because the manufacturer is not installing the bolts. A note at the end of this clause could be appropriate. Brian added that it could offer a recommendation on what to use. All and Tom are going to work on coming up with something to add by the next meeting.

- Figure 1:
- We have a 2 bushing loop feed for a grounded wye unit or a 2 bushing radial feed unit for a phase to phase connected unit. Do we need to address in this document phase to phase connected units with loop feed (4 bushing)?
- Jim Spaulding, City of Fort Collins, said that that they just have them all radial at the end because in case of an outage it's a minimal number of customers out.
- No other comments were made.
- We will not pursue adding 4 HV bushing units to Figure 1.
- Clause 7.2.2 High-voltage connectors states "For specific details concerning high-voltage separable connectors and cable accessory parking stands, refer to IEEE Std 386". Al said that Std 386 doesn't cover parking stands. Every other standard that uses separable connectors has a drawing of a parking stand but we don't. We should add one. No objections. Chair will add the new figure and strike "and cable accessory parking stands" form 7.2.2.
- Under Clause 7.3.1 regarding terminal markings the sentence "the terminal markings shall be on stainless steel plates and fastened with non-corrosive hardware and shall be distinctly readable from distance of 2.44 m (8 ft) from the transformer" was copied from C57.12.24. After discussion the WG felt that this is not widely used on single phase submersibles and the stainless steel plate requirement should be deleted.
- Over Current Protection On single phase submersibles, in the past we built units with under oil weak links, where the user knows the fault current is very low, because if the fuse operates the transformer is shorted. Do we want to include it in here or leave it be?
   Brian Klaponski, CARTE, said to include weak link fuses. Is anyone making these with bayonets and an isolation link? Brian said for the most part updated specs call for the current limiting unless it's an older spec.
- Tom Dauzat asked if manufacturers use 400 series stainless steel for nameplates and tags. We will draft something to specify the nameplate and any metal identification tags be made from 300 series stainless steel.
- Discussion stopped at 7.6 Tanks as we ran out of time.

**New Business** 

Next Meeting Announcement October 20, 2025 in Bonita Springs, Florida USA Adjourn

The meeting adjourned at 12:15PM MST

Submitted by Jared Bates WG Secretary

#### • C57.12.24 Three-Phase Submersible Transformers working group –

Ben Garcia, Chairman; Tom Dauzat, Vice Chair; George Payerle, Secretary

- o Published: 2023
- o Revision Due Date: 12/31/2033
- o PAR Approval Date:
- o PAR Expiration Date:

#### On break. Not meeting at this time

**WG remarks:** The WG did not met, the SC Chair called WG Vice-chair Tom Dauzat to report on status. The C57.12.24 is recently published and currently has no active PAR.

#### • C57.12.40 Secondary Network Transformer working group –

John Vartanian, Chairman; Dan Schwartz, Secretary

- o Published 2024
- o Revision due date: 12/31/2034
- o PAR Approval Date:
- o PAR Expiration Date:

#### Stage: Standard recently published but meeting for potential presentations

**WG Remarks:** Standard recently published, there was a discussion about the need to go for another PAR, and there was a presentation, Chair currently do not have any other presentation lined up for the next meeting.

#### **Minutes from WG Meeting:**

- 1) The group met on Tuesday, March 25, 2025 at 11:00 AM MST with 22 members and 19 guests. Six (6) guests requested membership. Quorum was achieved with 22/31 (71%) of members present.
- 2) A call for patents was made; none were mentioned.
- 3) Copyright requirements were reviewed by the Chair.
- 4) Introductions were made by all attendees.
- 5) The agenda and previous minutes from October 29, 2024 were presented for approval. Motion to approve was made by Adam Sewell and seconded by Brian Klaponski. The agenda and minutes were approved unanimously.
- 6) Old Business
  - a. C57.12.40-2024 was published in May 2024
- 7) New Business
  - a. The Chair made a request of the group for potential improvements to be made to the standard during the next revision cycle:
    - i. Tom Dauzat stated he would like to see some mention or warning for hardware used when connecting/securing current carrying elements that they need to be non-magnetic and potentially corrosion resistant depending on application.

- ii. Will Elliott followed-up on the previous discussion to begin referencing the corrosion guide that will be published in the next 2-3 years.
- iii. The Secretary will revisit the previous listing from the last revision to include items discussed, but shelved.
- iv. Tom Dauzat brought up referencing SKATE protocol for transformer identification and whether or not the group should include this in the next revision.
- v. The Chair made a request for anyone willing to fill a Vice Chair position for future meetings.
- vi. Based on the presentation about hydrogen monitoring, the group discussed either referencing the DGA guide or creating an informative Annex on DGA application to network transformers.
- b. Presentation on continuous hydrogen monitoring was made by Bill Whitehead, which was informative and produced a good Q&A session.
- c. The Chair agreed to bring hydrogen monitoring examples to the next meeting to show application of the presented materials.

The meeting was adjourned at 11:43 AM MST with the next meeting set for Bonita Springs, FL on October 21, 2025.

<b>Members Present</b>		<b>Affiliation</b>
Nabi	Almeida	Prolec GE
Mario	Alonso	Georgia Transformer
Piotr	Blaszczyk	Specialty Transformer Components
David	Blew	DS Blew Consulting LLC
Jeffrey	Brooks	Asplundh Engineering Services
Douglas	Craif	Richards Mfg
Thomas	Dauzat	AEP-SWEPCO
Will	Elliott	AEP SWEPCO
Sanford	Fong	Georgia Power
Patrick	Kozer	Northeast Transformer Services
Patrick	Kozer	Northeast Transformer Services
Gilbert	Kozer	Northeast Transformer Services LLC
Alejandro	Macias	CenterPoint Energy
Vinay	Patel	Con Edison
George	Payerle	Carte International
James	Ratty	Richards Manufacturing
Pedro	Salgado	Richards Manufacturing
Danny	Schwartz	Quality Switch
Adam	Sewell	Quality Switch
Jeremy	Sewell	Quality Switch, Inc.
John	Vartanian	National grid
William	Whitehead	Reinhausen

• C57.12.44 Secondary Network Protectors working group –

Mark Faulkner, Chairman; Alex Macias, Secretary

Revision due date: 12/31/2024
 PAR Approval Date: 3/26/2015

o PAR Expiration Date:

Stage: Submitted to Revcom - Not Meeting

WG Remarks: Alex Macias reported that the document has been approved and will be published soon

• C57.167 Guide for Monitoring Distribution Transformers working group –

Gary Hoffman, Chairman; Mike Thibault, Secretary

o Revision due date: N/A – new standard

PAR Approval Date: 6/14/2018
PAR Expiration Date: 12/31/2022

Stage: Published – not meeting

WG Remarks: No remarks or comments

• C 57.12.53 Guide for mitigating corrosion on subsurface transformers working group -

Will Elliott, Chair; Michael Zarnowski, Vice-chair; Audrey Siebert-Timmer, secretary

PAR Approval Date: 2/23/2022PAR Expiration Date: 12/31/2026

Stage: In process

**WG Remarks:** WG Chair Will Elliott reported that the WG met and had quorum, there was a review on the tech changes and the WG made a motion to send the Draft to SA Ballot which was unanimously approved. The CRG was created. Will Elliott made a motion to request SC approval to send Draft#4e for SA Ballot, unanimously approved by the SC.

#### Minutes of WG meeting:

#### **Attending Members:**

Nabi Almeida, Prolec GE
Thomas Dauzat, AEP - SWEPCO
Will Elliott, AEP - SWEPCO
Ramadan Issack, American Electric Power
Brian Klaponski, Carte International Inc.
Alejandro Macias, Centerpoint Energy
Tyler Morgan, Duke Energy

George Payerle, Carte International Inc.
Dan Schwartz, Quality Switch, Inc.
Adam Sewell, Quality Switch, Inc.
Jeremy Sewell, Quality Switch, Inc.
Reinaldo Valentin, Duke Energy
John Vartanian, National Grid
Michael Zarnowski, Carte International Inc.

#### **Attending Guests:**

Alex Ayala, Power Partners

Samuel Brodeur, Hitachi Energy

Gilberto Garza, Prolec GE
Carlos Gaytan, Prolec GE
Patrycja Jarosz, IEEE SA
Adam Klaponski, Carte International Inc.
Kang Jin Lee, Cheryong Electric
Nicholas Manske, Oncor Electric Delivery
Justin Minikel, Eaton

Dean Park, Hyosung HICO Nicholas Post, WEC Energy Group Joseph Shumack, Ameren Juan Velasquez, Magnetron SAS Hector Villa, Ecuatran SA Shelby Walters, Howard Industries

## Subsurface Transformers and Network Protectors Subcommittee Agenda

#### **Meeting Minutes:**

- 1. Will Elliott called the meeting to order at 3:16 PM MST.
- 2. Opening remarks and introductions were made.
  - i. Attendance was taken electronically using a QR code. Paper rosters were circulated to supplement electronic attendance records.
- 3. Will Elliott reviewed IEEE SA Copyright Policy, Essential Patent Claims, and Code of Ethics & Conduct. No issues were raised.
- 4. Membership changes were noted:
  - i. Added: Jeffrey Door, Ramadan Issack, and Alejandro Macias.
  - ii. Changed to Guest: Javier Arteaga, Douglas Craig, Herton De Oliveira Filo, Daniel Mulkey, Verena Pellon, Liz Sullivan
- 5. Quorum was verified. The working group consisted of 26 members, requiring 14 for quorum. 12 members were counted at the start of the meeting (no quorum). Also passed around paper roster to confirm membership
  - i. Quorum was later reconfirmed and 14 members were present, resulting in a quorum.

#### 6. Old Business:

- i. Will Elliott noted the last meeting concluded with a motion accepting all changes up to section 6.2.1 in the draft. He further noted that based on subsequent feedback from the Fall 2024 meeting that it was recommended by several people to simply accept a motion to accept all changes proposed to the draft guide, rather than review all changes line-by-line. Will Elliott later notified the working group by email on 8 December 2024 that it was his intention to follow that guidance and only review key points in remaining changes to the revised guide proposed by the task-force and included the latest draft guide with all modifications made from the Fall 2024 meeting. He reviewed some of the changes
  - a. Large changes to stainless steel
  - b. Coordinating the materials of fittings
  - c. Submersion criteria
  - d. Additional ASTM standards
  - e. Cathodic protection
  - f. Measuring effectiveness of cathodic protection
  - g. Editorial corrections, misspelled severe, labelled a figure a table, and bibliography references were corrected
- ii. December 8<sup>th</sup> the draft was sent to the group, editorial corrections were shared a week prior to the meeting

## Subsurface Transformers and Network Protectors Subcommittee Agenda

- 7. Will Elliott requested approval of the Fall 2024 Minutes. **Thomas Dauzat made a motion to approve the Fall 2024 Minutes. Second by Nabi Almeida. Motion was unanimously approved.**
- 8. Will Elliott requested approval of the Spring 2025 Agenda. Adam Sewell made a motion to approve the Spring 2025 Agenda. Second by Alejandro Macias. Motion was unanimously approved.
- 9. Dan Schwartz made a motion approve to move the Draft #D4e to the IEEE Standards Sponsor ballot, and that a Comment Resolution Group be formed with the authority to resolve editorial and technical ballot comments. Second by Adam Sewell. Motion was unanimously approved.
  - i. Comment Resolution Group is as follows:
    - a. Nabi Almeida
    - b. Thomas Dauzat
    - c. John Vartanian
    - d. Will Elliott
    - e. Michael Zarnowski
- 10. New Business:
  - i. No new business was discussed.
- 11. The meeting was adjourned at 3:46 PM MST.
- 12. Next meeting: October 21, 2025 in Bonita Springs, Florida, USA.

Submitted by: Will Elliott

Date: 3/31/2025

# Subsurface Transformers and Network Protectors Subcommittee Agenda

#### **Old Business:**

- Leadership Change Tony Reiss, Chair; Nabi Almeida, Vice-Chair. Thank you, George, for many years guiding the Subcommittee.
- George encouraged the use of Collabratec
- Alicia Farag Presentation on SCATE P3476

### **New Business:**

• Discuss C57.12.57 at the next meeting, send an email poll if would make sense to request if work on this standard is necessary to the users. Al Traut suggested we expand the poll to include the Dry Type Standard group members.

## **Next meeting:**

Wed October 22, 2025 at 11 AM EST Bonita Springs, FL