

RODE Meeting Minutes – R1

April 09, 2025, 1:30PM, Orlando, FL

Chair: Frank DeCesaro

Vice-Chair/Secretary: Karla Trost

Meeting Agenda

1. Call to Order Frank DeCesaro

12:34 PM EDT, Frank DeCesaro called to order.

2. Introduction of Members and Guests.....Attendees

Those in attendance announced themselves with their affiliation.

22 of 29 members were present (quorum was achieved) with 18 guests.

3. Patents, Copyright, & Participant Behavior Slides Frank DeCesaro

a. <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

b. <https://standards.ieee.org/wp-content/uploads/2022/02/ieee-sa-copyright-policy.pdf>

c. <https://standards.ieee.org/wp-content/uploads/import/documents/other/Participant-Behavior-Individual-Method.pdf>

d. Reminder to WG Chairs: Ensure the verbal call is performed and documented for each Working Group meeting.

The slides were displayed in the meeting. No responses were received before or during the meeting.

4. Quorum Check.....Karla Trost

a. New membership: Chris Ekpoudom added since last meeting.

b. Quorum check: Membership List to Display

- Reminder: Attendance requirement 2 of last 4 meetings.

- If you would like to be a member and meet the attendance requirement, [please email the Chair and Vice-Chair](#).

5. Approval of the Agenda Frank DeCesaro

Rev 0 of the agenda was sent out prior to the meeting and shown on the screen.

One item was added, a report from ERP.

M. Chhabra made a motion to approve the agenda as modified, D. Beseda seconded.

No objections, the agenda was approved as modified.

6. Approval of Minutes of last meeting..... Frank DeCesaro

[REV 1 on imeetcentral](#).

There were no comments, the minutes were approved as published.

7. Working Group Reports

a. IEEE C37.60 Reclosers..... Ian Rokser

The Reclosers DLMT met for four sessions. Quorum was met during each session. We have completed our first ballot within IEEE and IEC, and we spent our sessions resolving ballot comments. We opened several ad hoc groups to address topics in the comments. Our intention is to complete comment resolution by the end of June and then go out for recirculation ballot (IEEE) / CD2 (IEC).

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- b. IEEE C37.62 Fault Interrupters David Beseda
There was no in-person meeting for C37.62. In the Fall 2024 RODE meeting, the working group was given approval to publish the standard after a successfully completed ballot. Subsequent to the Fall 2024 RODE meeting, the standard was submitted for publication and is scheduled to be published prior to the Fall 2025 meeting.
- c. IEEE C37.66 Capacitor Switches PAR Study Group Harry Hirz
The PAR study group met on Monday afternoon.
The PAR draft was displayed, and several items were noted:
- Remove the limit of 38kV from the title/ scope.
 - The plan is to include a requirement for synchronized and controlled switching.
 - This document has a dependence on C37.100.2. There is not expected to be a significant impact from the open revision (December 2026) of that document.
- Question about the working group name – this will not be changed until the PAR is approved.
Question about why removing the upper limit and how high it will go?
- The planned design/test limit is 69 or 72.5kV.
 - The limit is being removed to align with other changes in RODE and new equipment/ technology in the market.
- C. Lovins made a motion to accept the PAR as displayed. T. Johnson seconded.
17 accept, no objections, 2 abstentions. The motion passed.
- d. IEEE C37.74 Subsurface, Vault, and Pad mounted Switchgear..... Kennedy Darko
2 sessions were held, each had quorum.
The working group completed comment resolution from ballot #2.
The working group voted to proceed with a recirculation ballot.

8. Action Items from previous meeting:

- a. The RODE map group is seeking support with determining the equipment voltage break point between HV Committee standards and RODE standards and with contacting ESSB (Energy Storage & Stationary Battery Committee) to discuss where the pole mounted BESS standard could reside. F. DeCesaro will take these to ADSCOM as well as the voltage delineation question which impacts the overload load interrupter switch and scope of RODE vs HVS.
- HVS agreed to discuss a change of scope. **Update from Frank DeCesaro:**
 - Completed. ADSCOM agreed there was potential scope overlap.
 - HVS did not feel it was an issue and would review modifying their scope. HVS met at the same time as RODE. The HVS Chair sent an update that HVS agreed to a scope change. We will follow up officially with their minutes and new scope.
 - Switchgear leadership put us in contact with ESSB. **Update from Brian Gerzeny & Paul Found:**
 - A copy of the review is in a presentation available in the RODE imeetcentral repository.
- b. Can we add a review of C37.100.7 to determine how it impacts RODE standards to the timing? D. Schiffbauer will provide a training on this in the Spring. We would then ask for a group to perform this review and report back to RODE. B. Gerzeny to add this to the RODE Map. **Update from Brian Gerzeny**
- Completed. This is listed under the RODE-MAP report.

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9. Task Forces and Discussion Group Reports

- a. RODE - MAP ... Brian Gerzeny
- Brian shared a high-level 10-year outlook with potential future standards as well as the work in the next 2.5 years.
 - There are 3 ad hoc groups needed:
 - Impact of renewable sources on open contact voltage.
 - Review of how to align product standards to 1547.
 - Review of the impact of alternative gases (C37.100.7) on RODE product standards.
 - The ad hoc scope is:
 - Study the topics and report back to RODE Map with assessments of how each topic may impact current and future RODE standards along with recommendations on how to incorporate the topics into RODE standards.
 - These reports are due back to the RODE Map Group 2 months prior to the Fall PES Meeting.
 - The RODE Map Group will review the Ad Hoc Group's reports and determine which topics need a larger group discussion at an In Person RODE Map Meeting at the Fall PES Meeting.
 - A summary of all the Ad Hoc Group's work will be presented to the RODE Subcommittee for further consideration as necessary at the Fall PES Meeting.
 - If anyone is interested, contact Brian Gerzeny, Frank DeCesaro, or Karla Trost.

10. Liaison Reports

- a. T&I representative from RODE Caryn Riley
The current T&I representatives are C. Riley, K. Darko, and A. Dhawan.

At the T&I Subcommittee meeting, the following actions were taken.

- The task force addressing "Addressing NFPA 70B 2023: Alignment and Adaptation Strategies for IEEE Switchgear Standards" is actively searching for experts from each subcommittee to review the relevant ANSI C37 standards within their subcommittee's scope in comparison to the NFPA 70B maintenance requirements. Contact Caryn Riley at carynriley@ieee.org if interested in participating.
- The task force addressing "T&D Switchgear Special Applications" is also looking for members. Potential topics include arc furnace switching, Gen synch application with HV circuit breakers in the absence of generator circuit breaker, and Influence of renewables on HV circuit breakers in terms of harmonics, SC rating, and X/R ratios. Contact Caryn Riley at carynriley@ieee.org if interested in participating.
- T&I is looking for volunteers to help write the project proposal for TRV parameters and their history within each subcommittee. Please contact Sterlin Cochran @ Sterlin.cochran@ieee.org if interested in assisting.

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- b. Update from SCATE P3476 Karla Trost, Dan Busilan, Paul Found
- K. Trost shared the current status of the document and the working group's intention to create additional standards (referred to as 3476.X) with each of the .X standards defining specifics for product groups. The proposal is currently under review at the Switchgear EPAG and with other technical committees. Attendees who may have an interest in balloting on 3476 or working on the .X standards should indicate interest in MyProject or contact karlatrost@ieee.org.

11. Items of Discussion for RODE Subcommittee

- a. Items from ERP
- 3 RODE members elevated to main committee (D. Beseda, B. Gerzeny, C. Lovins)
 - Working Group chairs – please copy Jennifer Santulli on your working group member communications.
 - Nenad shared about the concept of technical tours being offered in the Spring meetings.
 - Strawman poll of those present – 20-25 have some level of interest
 - Several attendees spoke about the Transformer committee.
 - T&I representative
 - C. Lovins volunteered to fill the gap we have identified. **F. DeCesaro to notify T&I officers of the change in representatives.**

12. Next Meeting

Date: October 2025 – Reno, NV

13. Adjournment

The meeting was adjourned at 3PM EDT.

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| Role | Name | Company | Present |
|--------------|------------------------|--|---------|
| Member/Chair | Frank DeCesaro | DeCesaro Consulting Services | X |
| Member | Peter Agliata | S&C Electric | X |
| Member | Edwin Almeida | Southern California Edison | |
| Member | Harm Bannink | G&W Electric | X |
| Member | David Beseda | S&C Electric Co. | X |
| Member | Christopher Borck | Eaton's Power Systems Division | |
| Member | Kelsey Bush | ABB | X |
| Member | Mohit Chhabra | S&C Electric | X |
| Member | Kennedy Darko | G&W Electric Co | X |
| Member | Anil Dhawan | Allegis Groups | |
| Member | Chris Ekpoudom | Southern States | |
| Member | Mark Feltis | Schweitzer Engineering Laboratories, Inc | X |
| Member | Paul Found | BC Hydro | E |
| Member | Brian Gerzeny | Powell | X |
| Member | Christopher Hastreiter | Eaton | E |
| Member | Harold Hirz | Vesco | X |
| Member | Rahul Jain | S&C Electric Company | X |
| Member | Travis Johnson | Xcel Energy | X |
| Member | Jackie Kandel | Powell | X |
| Member | John Kapitula | ABB | X |
| Member | Eric (Qian) Li | PowerTech Labs Inc. | X |
| Member | Colby Lovins | Federal Pacific (Div. of Electro-Mechanical Corp.) | X |
| Member | Roberto Olivares | Siemens | |
| Member | Al Pruitt | Durham | X |
| Member | Caryn Riley | Georgia Tech/NEETRAC | X |
| Member | Ian Rokser | Eaton Corp | X |
| Member | Francois Souldard | Hydro-Quebec | E |
| Member | Karla Trost | G&W Electric | X |
| Member | Nenad Uzelac | G&W Electric | X |
| Guest | Ganesh Balasubramanian | Eaton | X |
| Guest | Tanner Buel | S&C Electric | X |
| Guest | Dan T. Busilan | Dominion Energy Virginia | X |
| Guest | Pedro Castillo | ABB | X |
| Guest | David Dart | Noja Power | X |
| Guest | M.G. Ennis | S & C | X |
| Guest | Leslie Falkingham | VIL | X |
| Guest | Todd Grdina | Siemens | X |
| Guest | Robert Hinshaw | Hubbell | X |
| Guest | Alex Ivanov | JST Power | X |
| Guest | Michael Lee | PG&E | X |

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|-------|----------------|-----------------------------|---|
| Guest | Cody Marshall | Schweitzer Engineering Labs | X |
| Guest | Stefan Micic | G&W Electric | X |
| Guest | Abe Shocket | ABB | X |
| Guest | Chris Slattery | First Energy | X |
| Guest | Valeria Tama | JST Power | X |
| Guest | Tim Tillery | Howard Industries | X |
| Guest | Augusto Villa | S&C Electric | X |