

# RODE Meeting Minutes

October 17, 2024, 10:15 AM –Oklahoma City, Oklahoma



**Chair: Frank DeCesaro**

**Vice-Chair: Brendan Kirkpatrick**

Meeting Minutes recorded by: Karla Trost

## 1. Call to Order

The meeting was called to order at 10:15AM by the Subcommittee chair, F. DeCesaro.

## 2. Roll call and disclosure of affiliation

The attendees performed self-introductions with name, employer, and affiliation.

## 3. Quorum Check

- a. 19 of 27 members were present, 15 are required for quorum. Quorum was achieved.
- b. 20 guests were present.

## 4. Approval of the Agenda

Revision 5 of the Agenda was displayed with three modifications, the minutes to be reviewed are Rev 1, the addition of C37.62 to working group reports, and C. Riley as the T&I representative. A request from C37.60 to move to ballot was added.

D. Beseda made a motion to approve the agenda as modified, C. Riley seconded. Agenda was approved by unanimous consent.

## 5. Approval of Minutes of last meeting

- a. [S24 RODE SC Minutes 2024-04-03-R1](#)
- b. [F24 RODE SC OL 24-06-21 Minutes R0](#)

D. Beseda made a motion to approve the minutes of the previous meetings, C. Hastreiter seconded. The minutes were approved by unanimous consent.

## 6. IEEE SA Patent Policy; IEEE SA Copyright Policy, IEEE Participant Behavior

The IEEE SA Patent Policy patent slides were shown, the call for patents was issued and no concerns were raised for consideration.

The IEEE SA copyright slides and the Participant Behavior slides were distributed to the participants prior to the meeting. Participants were asked if anyone had not seen the slides and no one responded.

## 7. Membership Update

- a. New members
  - As of 9/17/2024 – Eric Li, Colby Lovins
  - After 10/17/2024 – Kelsey Bush, Al Pruitt
- b. Attendance sheet is on ImeetCentral

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## 8. Working Group Reports

- a. IEEE C37.60 Reclosers.....I. Rokser
  - C. Hasteiter provided the report on behalf of I. Rokser.
  - The Working Group met for four sessions and met quorum relative to IEEE membership
  - Completed "internal ballot" on September 17; received 363 comments
  - Majority of comments have been resolved; a handful of comments are yet to be resolved in the next week, and 13 comments were deferred, meaning they will be addressed after the first formal ballot
    - We are encouraging our members to re-enter their deferred comments in the official ballot since these issues have not been addressed
    - Both the IEEE and IEC allow technical changes to the standard after the initial ballot, so resolving after the ballot will not be a problem
  - Our goal is to conclude open actions and implement the resolved comments by 10/25 and initiate MEC on November 1st. This timeline is necessary to ensure we can complete both the IEEE and IEC ballots in time for the spring meeting.
  - During our final session, a motion was made to propose to RODE that we proceed to ballot; the motion carried with none opposed and one abstention.
  
- b. IEEE C37.62 Fault Interrupters .....D. Beseda
  - This standard was resubmitted with the purpose of achieving ANSI accreditation.
  - There was one online meeting this summer and one in-person this week which was called to order at 8am on Tuesday, October 15.
  - 12 of 15 members present - Quorum was achieved with 22 guests present
  - WG reviewed the need for the revision of C37.62 in order to achieve ANSI accreditation.
  - Between the last RODE meeting and the Working group meeting, the working group has approved the PAR, formed a ballot pool and initiated the ballot.
  - During the WG meeting, we reviewed the status of the ballot, which was not yet closed during the meeting.
  - Motion passed for the working group to request that RODE approve the document to go to publication as long as the ballot closed with greater than 75% approval, and no technical comments.
  - The meeting was adjourned.
  - Ballot closed this morning at 7am with 85% return rate, 100% approval and no technical comments.
  - With a valid ballot return, and no technical comments submitted via the ballot, we will be asking RODE to approve the document to go to publication during this RODE meeting.
  
- c. IEEE C37.63 Overhead, Pad-Mounted, and Subm. Autom. Sectionalizers..... F. DeCesaro
  - The document published this year. There was concern that the ANSI accreditation was not included. J. Haas of IEEE-SA was able to confirm that ANSI accreditation is in process as of this week.
  
- d. IEEE C37.66 Capacitor Switches..... H. Hirz
  - This PAR discussion group did not meet this week and will meet at the Spring meeting.

# RODE Meeting Minutes

October 17, 2024, 10:15 AM –Oklahoma City, Oklahoma



- e. IEEE C37.74 Subsurface, Vault, and Pad mounted Switchgear..... K. Darko
  - The working group met in 3 sessions this week and completed resolution of the ballot comments.
  - The plan is to complete the implementation of the comment resolutions with an online working group meeting to approve the recirculation ballot.
  - If the recirculation ballot completes successfully, a RODE ballot will be needed to proceed to REVCOM.

## 9. Task Forces and Discussion Group Reports

- a. RODE - MAP ... B. Gerzeny
  - Mission/Scope and the preliminary RODE Map discussion
  - The group met in several online meetings to draft the statement of work and to create a preliminary document to show the work that is expected.
  - The plan is to call the group “RODE (road) Map”.
  - [The presentation is available on the RODE imeet central site.](#)
  - The dates shown are not all hard dates; they provide a visual for potential upcoming work.
  - The potential study groups were described.
    - The OH Load Interrupter has identified that RODE does not have a standard for overhead mounted load interrupters that are not sectionalizers.
    - During the initial work on C37.74, it was noted that RODE does not have standards defining equipment which includes both load interrupters and fault interrupters.
    - BESS overhead – A utility member noted that there is starting to be work on overhead mounted Battery Storage devices but there are no standards for these products.
    - Impact of Condition Assessment Study – this is a review of work done in T&I and determining if/how it impacts RODE.
    - Impact of Renewable Source on Open Contact Voltage – this is a review of work done in T&I and determining if/how it impacts RODE.
  - The RODE map group is seeking support with determining the equipment volage 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.**
  - Does RODE agree with the statement of work?
    - Discussion occurred about the statement as written including:
      - What/when will the work and decisions be made?
      - How does this group work with the T&I Subcommittee?
  - 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.**

# RODE Meeting Minutes

October 17, 2024, 10:15 AM –Oklahoma City, Oklahoma



## 10. Liaison Reports

- a. T&I representative from RODE ..... C. Riley

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

- The Task Force on “Testing for power frequency over-voltages >200% open gap” has finished a paper that will be submitted to the Main Committee members for review and approval before publishing.
- A new task force addressing NFPA 70B 2023 Maintenance requirements for Switchgear has been created.
- 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](mailto:Sterlin.cochran@ieee.org).

## 11. Items of Discussion for RODE Subcommittee

- a. Motion to approve C37.62 to go to publication..... D. Beseda
- D. Beseda motioned for RODE to approve C37.62 to proceed to publication. T. Johnson seconded.
  - There were no objections, and the Chair abstained. The motion was approved.
- b. Motion to approve C37.60 to go to ballot..... C. Hastreiter
- C. Hastreiter motioned that “the Reclosers DLMT initiate the ballot process for IEEE C37.60 upon completion of outstanding comment resolution”. M. Feltis seconded.
    - There was some discussion about the date within the C37.60 DLMT is that comment resolution needs to be completed and implemented by October 25<sup>th</sup>, while the motion does not include that date.
    - There were no objections and the Chair abstained. The motion was approved.
- c. Discussion on P3476 inquiry on “metal enclosed” terminology ..... K. Trost
- [The presentation is available on the RODE imeet central site.](#)
  - What is an appropriate name?
    - **K. Trost will provide Distribution Switchgear with an alternative of “Padmount, Dry Vault, Submersible, and Overhead Distribution Switchgear” to the P3476 chair.**

If Members or other people from their companies would like to become involved in this standard, they can use MyProject to indicate an interest or involvement request or contact K. Trost at [karlatrost@ieee.org](mailto:karlatrost@ieee.org) for the chairs contact information.

## 12. Next Meeting

**Date: Spring 2025: April 6 – 11, Wyndham Grand Orlando Resort Bonnet Creek, Orlando, FL**

## 13. Adjournment

The chair adjourned the meeting at 11:42 AM.

# RODE Meeting Minutes

October 17, 2024, 10:15 AM –Oklahoma City, Oklahoma



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| Role         | Combined Name          | Company  | 10/17/2024 |
|--------------|------------------------|--|------------|
| Member/Chair | Frank DeCesaro         | DeCesaro Consulting Services                       | X          |
| Member/ VC   | Brendan Kirkpatrick    | Southern California Edison                         | E          |
| Member       | Peter Agliata          | S&C Electric                                       | X          |
| Member       | Edwin Almeida          | Southern California Edison                         | E          |
| Member       | Harm Bannink           | G&W Electric                                       | X          |
| Member       | David Beseda           | S&C Electric Co.                                   | X          |
| Member       | Christopher Borck      | Eaton's Power Systems Division                     | X          |
| Member       | Mohit Chhabra          | S&C Electric                                       | X          |
| Member       | Kennedy Darko          | G&W Electric Co                                    | X          |
| Member       | Anil Dhawan            | ComEd  | E          |
| Member       | Mark Feltis            | Schweitzer Engineering Laboratories, Inc           | X          |
| Member       | Paul Found             | BC Hydro   | X          |
| Member       | Brian Gerzeny          | Powell   | X          |
| Member       | Christopher Hastreiter | Eaton  | X          |
| Member       | Harold Hirz            | Vesco  | E          |
| 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       | Caryn Riley            | Georgia Tech/NEETRAC                               | X          |
| Member       | Ian Rokser             | Eaton Corp   | E          |
| Member       | Francois Soulard       | Hydro-Quebec                                       | E          |
| Member       | Karla Trost            | G&W Electric                                       | X          |
| Member       | Nenad Uzelac           | G&W Electric                                       | X          |
| Guest        | Jesus Avila            | ABB Mexico   | X          |
| Guest        | Marcos Botelho         | Siemens  | X          |
| Guest        | Tanner Buel            | S&C Electric                                       | X          |
| Guest        | Kelsey Bush            | ABB  | X          |
| Guest        | Dan T. Busilan         | Dominion Energy Virginia                           | X          |
| Guest        | Pedro Castillo         | ABB  | X          |
| Guest        | Henry de Villiers      | Arizona Public Service (APS)                       | X          |
| Guest        | Chris Ekpoudom         | Southern States                                    | X          |
| Guest        | Peter Glaesman         | PCORE Electric Company, Inc./ Hubbel Power Systems | X          |
| Guest        | Todd Grdina            | Siemens  | X          |
| Guest        | Cody Marshall          | Schweitzer Engineering Labs                        | X          |
| Guest        | Stefan Micic           | G&W Electric                                       | X          |
| Guest        | Sergio Miranda         | ABB Mexico   | X          |
| Guest        | Victor Savulyak        | KEMA   | X          |
| Guest        | Rob Schuetz            | Eaton  | X          |
| Guest        | Abe Shocket            | ABB  | X          |
| Guest        | Chris Slattery         | First Energy                                       | X          |
| Guest        | Kaleb Spencer          | S&C Electric                                       | X          |
| Guest        | Joe Stemmerich         | Trager Engineering Corp                            | X          |
| Guest        | Truet Thompson         | Siemens  | X          |