

Fourth Meeting: TF Neutral Grounding Resistors (under WG C57.32)

8/14/2023 | 19:00-20:00 UTC

Chair: Ryan Hogg Bureau of Reclamation
Vice Chair: Sergio Panetta I-Gard Corporation
Secretary: None

Attendees:

Name	Organization	Status
Davoud Aliverdi	Megaresistors	Member
Mark Barfield	Cressall Resistors Ltd.	Member
Bob Berger	Post Glover	Member
Yann El Assad	MS Resistances	Member
Richard Field	Post Glover	Member
Stuart Gibbon	Post Glover	Member
Ryan Hogg	Bureau of Reclamation	Member (Chair)
Sheldon Kennedy	Consultant	Guest (Chair of WG C57.32)
Bruce Kielgas	Hubbell Powerohm	Member
Phil Newman	JTP Power Pty Ltd	Member
Sergio Panetta	I-Gard Corporation	Member (Vice Chair)
Edmundo Perich	I-Gard Corporation	Guest
Pablo Sanchez	Controles y Servicios	Member
Ed teNyenhuus	Hitachi Energy	Member
Federico Turner	MegaResistors	Member
Malia Zaman	IEEE SA	Guest

Note: Guests may request membership after attending 2 of last 3 meetings

Minutes (items varying from agenda in **bold-red** or ~~strikethrough-red~~)

1. [Behavior](#) – use hand raise meeting tool – **reviewed**
2. [Copyright](#) – **reviewed**
3. Establish Quorum – **Established with 13 of 17 members present**
4. Approve previous meeting minutes (7/25/2023)
 - a. **Motion to approve by El Assad, seconded by Kielgas**
 - b. **Approved by unanimous consent**
5. Approve agenda for this meeting (8/14/2023)
 - a. **Motion to approve by Panetta, seconded by El Assad**
 - b. **Approved by unanimous consent**
6. Continue to review comments provided by task force members

- a. Discussed comments on section 7.3 (from teNyenhuis, Ellassad, and Panetta)
 - b. After discussion, a motion was made by Sergio Panetta, seconded by Richard Field
 - i. Motion to implement the following text into section 7.3 of the document, “The resistance of the NGR should not change by more than 25% from the initial value over the temperature range. This is to limit the overvoltage of the system due to the change in the ratio X_{cg}/R_n .” This motion includes deleting the following text from section 7.3, “The resistance of the NGR should not change by more than 67% from the initial value over the temperature range. This is to help ensure that the final fault current is sufficiently high to allow protective circuitry to operate as intended.”
 - ii. After discussion a vote was held
 - 1. Yes = 1 vote (Panetta)
 - 2. No = 11 votes (teNyenhuis, Aliverdi, Turner, Barfield, Ellassad, Kielgas, Berger, Newman, Field, Sanchez, and Gibbon)
 - 3. Abstain = 0 votes
 - iii. Motion did not pass
 - c. Discussion of possible motion like Panetta’s but with possible different value (instead of 25%) as well as possibly differentiation between high and low resistance grounding
 - d. Plan to continue conversations on 7.3 comments at next meeting
- 7. Old Business – none
 - 8. New Business?
 - 9. Adjourn