

**Stray and Contact Voltage Working Group**  
**Matthew Norwalk, Chair**  
**Sal Martino, Vice Chair**  
**Scott Kruse, Secretary**

**2022 IEEE JTCM WebEx Meeting**

**January 10, 2022**  
**2PM – 4PM PST**

**Approved Meeting Minutes**

**Attendees**

**Voting Members**

Bryan Beske – Safearth	Sal Martino – Duke Energy
Larry Conrad – Conrad Technical Services	John McDaniel – National Grid
Doug Dorr - EPRI	Chris Mullins – Power Monitors, Inc
Bryan Glenn – SCE	Matt Norwalk– SCE
Kevin Grant – Con Edison	Paul Ortmann – Idaho Power Co.
Tyler Jones – Pacificorp	Rob Schaerer – Power Engineers
David Kalokitis - Osmose	Clay Stocklin – Power Engineers
Scott Kruse - Osmose	

**Non-Voting Members**

Vong Chan – SCE	Tom Key – EPRI
Masoud Davoudi – PGE	Andy Leon – Unknown
Shrutika Dere – Black & Veatch	Al Powers – P&E Engineering
Thomas Gwinn – Unaffiliated	William Thompson – Black & Veatch
Shalini Jiddu – Black & Veatch	

The Stray and Contact Voltage Working Group held a WebEx meeting Monday, January 10, 2022. There were 24 people in attendance.

The meeting began with the introducing the Officers and the Chair requesting that participants use the chat to list their name, e-mail, and affiliation. It was verified that a quorum was established with 15 voting members in attendance.

Next the group reviewed the agenda which was approved with a motion by Sal Martino and seconded by John McDaniel.

The July GM WebEx meeting minutes were approved by the group, John McDaniel motioned, and Larry Conrad seconded the approval.

The Copyright Policy and patent slides were posted for review, and no one identified any patent information.

The Chair and Vice Chair led the group through the new revision of the guide which the Editing Subgroup has been working on. John McDaniel pointed out that the updated IEEE standards template requires Clause 2 to be Normative References. Sal Martino made a note and will update the document. Dave Kalokitis took the group through the Clause 6 revisions. Matt Norwalk pointed out that some sections of Clause 7 still need content and encouraged group members to contribute. Additionally, 7.2.5 Swimming Pool, needs the NEC code information updated and Doug Dorr volunteered to write an updated paragraph. Also, he will submit a case study that demonstrates how to evaluate if a pool is properly bonded. Scott Kruse mentioned that he was still working on Clause 9 to determine the best way to incorporate a Stray Voltage program. Six case studies have been formatted and will be added to the guide. It was determined that the case studies will get added to the draft and sent out to the group for review.

The Chair reviewed the timeline and indicated that the draft is 6 months behind the original goal. He will be submitting a 1-2yr PAR extension but wants to have an approved Draft 3. The plan is to send the draft to members of the working group and allow a 2-week review/comment period. All comments will be reviewed and if necessary section leads will incorporate changes. Once the comments have been addressed the draft will be sent out again for a vote to approve. The Chair is hoping the draft is approved by early February so it can be sent for MEC review and a ballot pool can be formed. There was discussion regarding grammatical edits and Sal mentioned that in another working group one of the members had a technical editor at their company who reviewed the document. Chris Mullins offered to have his team edit the document.

There was no new business.

Round Table:

Sal Martino encouraged everyone to help meet the timeline.

Doug Dorr recommended to extend the PAR for 2yrs.

John McDaniel offered to help with the balloting process.

Paul Ortmann will be adding content to the descriptions of the tests in Clause 7.

John McDaniel motioned to adjourn, and Larry Conrad seconded, meeting adjourned at 3:18 PST.

The next meeting is scheduled to be held at the IEEE General Meeting, July 2022 in Denver, Colorado.