# PSCCC P21 – PSRC I49 Joint Task Force Meeting Minutes

**Designation:** P21  
**Name:** Roadmap for Developing New or Updating Existing IEEE Standards to Address Issues of Centralized Protection and Control (CPC) Systems

**Meeting Location:**  
**Teams**

<table>
<thead>
<tr>
<th>Meeting Time:</th>
<th>10:00 AM Central</th>
<th>Meeting Date: 2023/08/09</th>
<th>Minutes Revised: 2023/09/18</th>
<th>Minutes Approved: 2023/09/18</th>
</tr>
</thead>
</table>

**Presiding Officer:**  
Craig Preuss, Brian Mugalian and Mike Dood, Co-Chairs  
Recorded by: Melvin Moncey Joseph  
Draft Number: 0.1

## Attendance:

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Attending via Phone (P) / Web (W) or Local (L)</th>
<th>M/CM/G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Craig Preuss</td>
<td>Black &amp; Veatch</td>
<td>W</td>
<td>M</td>
</tr>
<tr>
<td>Brian Mugalian</td>
<td>S&amp;C Electric Co</td>
<td>W</td>
<td>M</td>
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<tr>
<td>Sudarshan Reddy Byreddy</td>
<td>Burns &amp; McDonnell</td>
<td>W</td>
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<tr>
<td>Rafael Garcia</td>
<td>Oncor</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Charles Pestell</td>
<td>Powell Industries</td>
<td>W</td>
<td>M</td>
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<tr>
<td>Daniel Sabin</td>
<td>Schneider Electric</td>
<td>W</td>
<td>M</td>
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<tr>
<td>Muhammad Hamid</td>
<td>Black &amp; Veatch</td>
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<tr>
<td>Chris Huntley</td>
<td>SEL</td>
<td>W</td>
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<tr>
<td>Mike Dood</td>
<td>SEL</td>
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<tr>
<td>Gayle Nelms</td>
<td>SEL</td>
<td>W</td>
<td>M</td>
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<tr>
<td>Priya Raghuraman</td>
<td>Siemens Industry Inc</td>
<td>W</td>
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<tr>
<td>Jay Anderson</td>
<td>SEL</td>
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<tr>
<td>Austin Wade</td>
<td>SEL</td>
<td>W</td>
<td>M</td>
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<tr>
<td>Darren Deronde</td>
<td>Tesco Automation</td>
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<tr>
<td>Marcos Velazquez Lechuga</td>
<td>Doble Engineering</td>
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<tr>
<td>Don Ware</td>
<td>Qualus Power Services</td>
<td>W</td>
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<tr>
<td>Paul Harris</td>
<td>PacifiCorp</td>
<td>W</td>
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<tr>
<td>Daqing Hou</td>
<td>SEL</td>
<td>W</td>
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<tr>
<td>Dale Finney</td>
<td>SEL</td>
<td>W</td>
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<tr>
<td>Neil Saia</td>
<td>Entergy Services, LLC</td>
<td>W</td>
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<tr>
<td>Mark McChesney</td>
<td>Oncor Electric Delivery</td>
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<tr>
<td>Dustin Tessier</td>
<td>Tesco Automation</td>
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<tr>
<td>Jun Verzosa</td>
<td>Doble Engineering</td>
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<tr>
<td>Melvin Moncey Joseph</td>
<td>Black &amp; Veatch</td>
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<tr>
<td>Prasad Shrawane</td>
<td>Greater Sudbury Hydro Inc.</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Ibrahim Abdulhadi</td>
<td>University of Strathclyde, Glasgow</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Veselin Skendzic</td>
<td>SEL</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Charles (Ted) Witham</td>
<td>Eaton</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Paul Myrda</td>
<td>EPRI</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Priyanka Nadkar</td>
<td>SEL</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Eugenio Carvalheira</td>
<td>OMICRON</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Arun Shrestha</td>
<td>IEEE</td>
<td>W</td>
<td>G</td>
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<tr>
<td>Joshua Watson</td>
<td>Nebraska Public Power District</td>
<td>W</td>
<td>G</td>
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</tbody>
</table>

**M:** Member  
**CM:** Corresponding Member  
**G:** Guest

## Minutes of Meeting

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Notes</th>
<th>Action by</th>
</tr>
</thead>
</table>

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**PSCC Committee**
<table>
<thead>
<tr>
<th>Item no.</th>
<th>Notes</th>
<th>Action by</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CALL TO ORDER</strong></td>
<td>The co-chairs brought the meeting to order at approximately 10:00 AM.</td>
<td></td>
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<tr>
<td><strong>INTRODUCTIONS AND QUORUM</strong></td>
<td>Quorum was met.</td>
<td></td>
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<tr>
<td><strong>AGENDA APPROVAL</strong></td>
<td>Jay Anderson motioned to approve, and it was seconded by Mark McChesney. No objections or abstentions.</td>
<td></td>
</tr>
<tr>
<td><strong>APPROVAL OF PREVIOUS MINUTES</strong></td>
<td>Meeting minutes were shown, and a minor amendment was made. Mark McChesney motioned to approve the modified minutes, and it was seconded by Don Ware. No objections or abstentions.</td>
<td></td>
</tr>
<tr>
<td><strong>P21 / 149 ASSIGNMENT</strong></td>
<td>Roadmap for developing new or updating existing IEEE standards to address issues of Centralized Protection and Control (CPC) Systems</td>
<td></td>
</tr>
<tr>
<td><strong>REVIEW OF COPYRIGHT SLIDES</strong></td>
<td>The task force will follow IEEE-SA copyright policies as best practice since the task force is preparing a report.</td>
<td></td>
</tr>
<tr>
<td><strong>REVIEW OF PARTICIPANT BEHAVIOR SLIDES</strong></td>
<td>The task force will follow IEEE-SA participant behavior as best practice since the task force is preparing a report.</td>
<td></td>
</tr>
<tr>
<td><strong>OLD BUSINESS</strong></td>
<td>None</td>
<td></td>
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<tr>
<td><strong>NEW BUSINESS</strong></td>
<td>Meeting schedule. VPAC alliance which is related to TF work has a conflict with current meeting times. A member informed that the conflict won't be an issue if we move the meeting to the next week. This was agreed by the members. Secretary to cancel current meeting and send a new one starting from 30th of August till the in-person meeting on the 18th of September. During the in-person meeting, we will confirmation on whether to meet on 27th of September.</td>
<td></td>
</tr>
<tr>
<td><strong>Presentation</strong></td>
<td>Presentation on IEEE C37.2 by Mike Dood.</td>
<td></td>
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<tr>
<td><strong>Next steps:</strong></td>
<td>Question to have subgroups after each presentation to start working on the report.</td>
<td></td>
</tr>
<tr>
<td><strong>Discussion on how to represent CPC in C37.2.</strong></td>
<td>Will the presentations be uploaded in iMeet site.</td>
<td></td>
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<tr>
<td><strong>ITEMS REPORTED OUT OF EXECUTIVE SESSION</strong></td>
<td>There was no executive session.</td>
<td></td>
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<tr>
<td><strong>TIME OF FINAL ADJOURNMENT</strong></td>
<td>Approximately 11:00 AM.</td>
<td></td>
</tr>
<tr>
<td><strong>NEXT FACE TO FACE MEETINGS</strong></td>
<td>September 18 – 21, 2023 Myrtle Beach, SC January 7 – 11 2024 New Orleans, LA May 11- 18 2024 Buffalo, NY</td>
<td></td>
</tr>
</tbody>
</table>