

## **PSCC Subcommittee P1 Meeting Minutes**

Designation: Name:

P1 Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Applications. Amendment

1: Adding a TLV to indicate the latest IERS-specified UTC Leap Second Event.

| §                    | the state of the s |                      |                             | 107                     |  |
|----------------------|--|----------------------|-----------------------------|-------------------------|--|
| Meeting Location:    | Meeting Time:  | Meeting Date:        | Minutes Revised:            | Minutes Approved:       |  |
| Teams                | 10:00 CDT  | 2022/05/27           | N/A                         | 2022/06/27              |  |
| PAR Submission Date: | PAR Approval Date:   | PAR Expiration Date: | Target Sponsor Ballot Date: | Target Completion Date: |  |
| 2020-01-23           | 2020-03-05   | 2024-12-31           | N/A                         | N/A                     |  |
| Presiding Officer:   |  | Recorded by:         |                             | Draft Number:           |  |
| Chris Huntley, Chair |  | n/a [                |                             | D2.4j                   |  |

Attendance:

| Name                  | s.       | Affiliation          | Attending via<br>Phone (P) / Web<br>(W) or Local (L) | M/CM/G       |
|-----------------------|----------|----------------------|--|--------------|
| Members               | Present? | Ammadon              | (VV) OI EGCAI (E)                                    | III, CIII, G |
| Christopher Huntley   | X        | SEL                  | W  | М            |
| Jay Anderson          | Х        | SEL                  | W  | М            |
| Galina Antonova       | Х        | Hitachi Energy       | W  | М            |
| Ken Fodero            |          | SEL                  | W  | М            |
| Jalal Gohari          | Х        | Parsons Brinckerhoff | W  | М            |
| Nicholas Kraemer      |          | NuGrid Power Corp    | W  | М            |
| Ya-Shian Li-Baboud    | Х        | NIST                 | W  | М            |
| Sakis Meliopoulos     |          | Georgia Tech.        | W  | М            |
| Bruce Muschlitz       | Х        | Novatech             | W  | М            |
| Benton Vandiver       | X        | Hitachi Energy       | W  | M            |
| Harsh Vardhan         | X        | GE                   | W  | М            |
| Jean Sebastien Gagnon | X        | Vizimax              | w  | G            |
| Erin Morales          | Х        | IEEE SA              | W  | G            |
| Malia Zaman           | Х        | IEEE SA              | W  | G            |
|                       |          |                      |  |              |
|                       |          |                      |  |              |
|                       |          |                      |  | 3            |
|                       |          |                      |  |              |
|                       |          |                      |  |              |

M:Member

CM: Corresponding Member

G: Guest

PSCC Committee Minutes of Meeting

| Item no.                  | Notes   | Action by                   |  |  |
|---------------------------|---|-----------------------------|--|--|
| CALL TO ORDER             | Performed by Chair 10:02 CDT  | C. Huntley                  |  |  |
| CALL FOR PATENTS          | IEEE-SA slides presented to group.  | C. Huntley                  |  |  |
|                           | Response : negative.  | 7.0                         |  |  |
| COPYRIGHT POLICY          | IEEE-SA slides presented to group.  | C. Huntley                  |  |  |
| BEHAVIOR SLIDES           | Participant behavior in IEEE-SA activities slides presented to group.   | C. Huntley                  |  |  |
| Attendees/Quorum          | 8 of 11 members attending; 11 total. Quorum achieved.   | All                         |  |  |
| APPROVAL OF               | Minutes of 2022-05-10 meeting were displayed. The amended Minutes were  | Motion to                   |  |  |
| PREVIOUS MINUTES          | approved.   | approve from B.             |  |  |
|                           |   | Vandiver 2 <sup>nd</sup> B. |  |  |
|                           |   | Muschlitz                   |  |  |
| AGENDA APPROVAL           | The proposed agenda for this meeting from the Chair was emailed to all  | Motion to                   |  |  |
|                           | attendees and was presented. Agenda was approved.   | approve from J.             |  |  |
|                           |   | Gohari; 2 <sup>nd</sup> Ya- |  |  |
| D                         |   | Shian Li-Baboud             |  |  |
| Presentation & Discussion | Additional comments received from Subgroup were reviewed (comments  | C. Huntley and<br>members   |  |  |
| Discussion                | highlighted Yellow/Red).  | members                     |  |  |
|                           | I-73 to I-69: OK  |                             |  |  |
|                           | I-68: Changed as recommended to "may benefit from"  |                             |  |  |
|                           | I-65: same  |                             |  |  |
|                           | I-64 to I-62: OK  |                             |  |  |
|                           | I-58 to I-53: OK  |                             |  |  |
|                           | I-51: OK  |                             |  |  |
|                           | I-50: Continued discussion on whether TLV is mandatory. Subgroup will   |                             |  |  |
|                           |   |                             |  |  |
|                           | provide a motion on confirming the TLV as mandatory and a list of pros/cons. The vote will be included in the Agenda for the next |                             |  |  |
|                           | meeting.  |                             |  |  |
|                           | 1.40 1.45 07  |                             |  |  |
|                           | I-49, I-47: OK  |                             |  |  |
|                           | I-46: Include Clause 6 in the TOC. Need to harmonize TOC with the proposed changes to C37.238 (e.g., add 6.2.3, 6.4, etc.)        |                             |  |  |
|                           | I-45: subgroup to review  |                             |  |  |
|                           | I-44: same as I-68  |                             |  |  |
|                           | I-40 to I-37: OK  |                             |  |  |
|                           | 134 to I-32: OK   |                             |  |  |
|                           | I-31: same as I:68  |                             |  |  |
|                           | I-29: OK  |                             |  |  |
|                           | I-28: same as I-50  |                             |  |  |
|                           | I27 to I-26: OK   |                             |  |  |
|                           | I-25: Subgroup to provide statement on use of UTC when free-running if  | V .                         |  |  |
|                           | needed  |                             |  |  |
|                           | I-24: proposal to remove Note 4. Subgroup to review.  |                             |  |  |
|                           | I-23 to I-21: OK  |                             |  |  |
|                           |   |                             |  |  |
|                           |   |                             |  |  |
|                           |   |                             |  |  |
|                           |   |                             |  |  |
|                           |   |                             |  |  |

PSCC Committee Minutes of Meeting

## Minutes of meeting (continued)

Page 3 of 3

| Item no.                     | Notes   | Action by                       |
|------------------------------|---|---------------------------------|
| Next steps                   | Next Webex meeting scheduled for the Friday, June 10th, 2022 at 10:00 –   | All                             |
|                              | 11:30 CDT. Meeting details will be sent to attendees.  The minutes for today's meeting will be distributed by email for review, to be voted on at that meeting. |                                 |
|                              | Edited documents will be sent to members.   |                                 |
|                              | The agenda for the next meeting will be sent out. Any changes will be incorporated and the agenda will be re-sent if required.                                  |                                 |
| TIME OF FINAL<br>ADJOURNMENT | 11:30 CDT   | Meeting<br>adjourned on<br>time |

PSCC Committee Minutes of Meeting