

| Designation:<br>P13                |          | Name: A Beginner's Guide to IEC 61850 and Related Standards |                    |                      |                         |                             |          |                         |                 |      |
|------------------------------------|----------|---|--------------------|----------------------|-------------------------|-----------------------------|----------|-------------------------|-----------------|------|
| Meeting Locati                     | on:      |   | Meeting Time:      | М                    | eeting Date:            | Minutes Revised:            |          | Minutes Appr            | oved:           |      |
| Hybrid: Jacksonville, FL and Webex |          |   | 8:00AM ET          | 2023/1/11            |                         |                             |          | DRAFT                   |                 |      |
| PAR Output:                        |          |   | PAR Approval Date: | PAR Expiration Date: |                         | Target Sponsor Ballot Date: |          | Target Completion Date: |                 |      |
| N/A                                |          |   | N/A N/A            |                      | N/A                     |                             | N/A      |                         |                 |      |
| Presiding Office                   | l<br>er: |   |                    | Record               | led by:                 |                             | Draft N  | umber:                  | _               |      |
| Eugenio Car                        |          | Chair   |                    |                      | Brittany Chapman 0      |                             | )        |                         |                 |      |
| Attendance                         | :        | Maria   |                    |                      |                         |                             |          | Attendir<br>Phone (P)   | / Web M/        | /NVM |
| Anderson                           |          | Name  |                    |                      | SEL                     | filiation                   |          | (W) or Lo               | M               | G    |
|                                    |          | Aditya  |                    |                      | PNNL                    |                             | <u> </u> |                         | G               |      |
|                                    |          | Raymo   |                    |                      |                         |                             | W        |                         | G               |      |
|                                    |          | Eugen   |                    |                      | OMICRON                 |                             | ī        |                         | Chair           |      |
| Casilla                            |          |   | Nestor             |                      | Doble Engineering       |                             | W        |                         | M               |      |
| Chapman Chapman                    |          |   | Brittany           |                      | Commonwealth Associates |                             | W        |                         | Sec             |      |
|                                    |          | Micha   |                    | SEL                  |                         | W                           | 1        | M                       |                 |      |
|                                    |          | James   |                    |                      | Eaton                   |                             | L        |                         | G               |      |
|                                    |          | Nicho   | las                |                      | NuGrid Power Corp       |                             | W        |                         | <mark>VC</mark> |      |
|                                    |          | Priyan  |                    |                      | SEL                     |                             | W        |                         | M               |      |
| Reed                               |          | Jason   |                    |                      |                         |                             | W        |                         | G               |      |
| Ruiz Jose                          |          |   |                    | Doble Engineering    |                         | W                           |          | G                       |                 |      |
| Stagi Rick                         |          |   |                    | MOXA                 |                         | L                           |          | NVM                     |                 |      |
| Sun Caroly                         |          | <mark>n</mark>  |                    |                      |                         | W                           |          | G                       |                 |      |
| Thibideau Eric                     |          |   |                    | Hydro Quebec         |                         | L                           |          | <mark>G</mark>          |                 |      |
| Turner Justin                      |          |   |                    | GE Renewables        |                         | W                           |          | M                       |                 |      |
| Velasquez Marc                     |          | <mark>os</mark>   |                    | Doble Engineering    |                         | W                           |          | M                       |                 |      |
|                                    |          |   |                    |                      |                         |                             |          |                         |                 |      |
|                                    |          |   |                    |                      |                         |                             |          |                         | ·               | -    |
|                                    |          |   |                    |                      |                         |                             |          |                         |                 |      |

| Item no.         | Notes  | Action by      |
|------------------|--|----------------|
| CALL TO ORDER    | Called to order by Eugenio Carvalheira.                            | E. Carvalheira |
| ESTABLISH QUORUM | 17 voting members total, 11 attended, Quorum achieved              |                |
|                  | Justin Turner Motions to approve, Marcos Seconds.<br>Motion Passes |                |

Com**R\$66\Genthitten**fidential Minutes of Meeting

| Itom no                                     | Notes  | Action by                |
|---|--|--------------------------|
| CALL FOR PATENTS                            | Pre-PAR slides were shown  | Action by E. Carvalheira |
| COPYRIGHT SLIDES                            | Copyright slides were shown  | E. Carvalheira           |
| APPROVAL OF PREVIOUS MINUTES                | Sept 22, 2021minutes presented. Justin Turner motions to approve, James Bougie seconds   |                          |
| TITLE/SCOPE<br>DISCUSSION                   | Discussed scope of this task force.  | TF                       |
| REVIEW OF CONTRIBUTIONS                     | <ul> <li>James Bougie and Nicholas Kraemer submitted contributions.</li> <li>The group viewed Nicholas Kraemer's contribution on related standards.</li> <li>The contribution was separated into standards used by 61850 versus those that 61850 uses.</li> <li>The group discussed adjustments to Nicholas's contribution related to 61850-9-2. These were noted directly in the word document containing the contribution.</li> <li>Herb commented on adding security standards to this contribution.</li> <li>Discussion around the focus of the overall guide took place. A recommendation was made to make this a best practice focused document. This was also discussed in the context of a beginners guide.</li> <li>Discussion was held on adding dates to add extra context, but this was decided against due to potentially dating the report. Group decided to continue with general details and overviews.</li> <li>Contribution review finalized by asking group members to review in iMeet and reply to Nicholas with additional comments.</li> <li>James Bougie contributed section 1.e and 2b, but the group did not review this contribution during this meeting.</li> </ul> |                          |
| OUTLINE ADJUSTMENTS AND WRITING ASSIGNMENTS | The group moved to reviewing the outline and the current assignments.  Eugenio requested volunteers for open sections in the document.  Herb asked where to put website resources in the current outline and will be supplying a list to the task force.  - Tissue databases - Redmine - IEC downloads for components  Herb's name was also added to section 5 to provide contributions.  Discussion around where to put 7-1 in the guide was discussed.  Recommendation was decided to add it as a key reference for future reading.  Question was asked about where routable protocols and their use come in to the document.  | TF                       |
| TIME OF FINAL<br>ADJOURNMENT                | Adjourned at 9:05AM ET. Jay Anderson moved, Justin Turner Seconds  |                          |
| NEXT FACE TO FACE<br>MEETING                | May 8-11, 2023 Las Vegas, NV   |                          |

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| Item no.       | Notes   | Action by |
|----------------|---|-----------|
| FUTURE MEETING | Room for 30, with projector and teleconference capabilities |           |
| ROOM           |   |           |
| REOUIREMENTS   |   |           |