

IEC 61850 TPWG - Feature #5320

TISSUE entered requesting SV subscriber testing

02/25/2022 02:53 PM - Joel Greene

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|---|--------|------------------------|------------|
| Status: | Closed | Start date: | 02/25/2022 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| <p>We are a utility and we are in the middle of the engineering process for our upcoming full digital substations wherein we will be installing the IEDs which are capable of subscribing to Sampled Values. Now, the test certificates for Merging Units mention that they are tested for SV publishing test cases (e.g., Svp1, Svp2 etc.). So, we assumed that the protection and control IEDs which subscribe to SV streams should be tested for SV subscribing test cases (e.g., Svs1, Svs2 etc. as per 6.2.6.3 and 6.2.6.8.3 of IEC 61850-10), but we couldn't find any IEDs which are tested for SV subscribing test cases (we've browsed the test certificates published on this website: http://www.ucaiug.org/org/TechnicalO/Testing/Lists/IEC61850Ed1ClientCertificates/AllItems.aspx)</p> <p>As there are no test procedures available for SV subscribing test cases, we urge UCA and IEC TC 57 to issue the test procedures for SV Subscription as almost all the IED manufactures have their IEDs capable of subscribing to SV and utilities which are in the process of implementing full digital substations will be in a fix while engineering the systems as they will not be sure about the behavior of the protection and control IEDs subscribing to SV.</p> <p>We also urge IED manufacturers to please mention the behavior of their IEDs (to the SV subscribing test cases e.g., Svs1, Svs2 etc.) in the PIXIT documents even though the test procedures for SV subscription are not defined.</p> <p>Power Grid Corporation of India Limited</p> | | | |

History

#1 - 06/14/2022 03:18 PM - Joel Greene

Per Bruce, these tests were added in 2021.

#2 - 06/14/2022 03:26 PM - Herbert Falk

- Status changed from New to Closed

There have been several revisions to SV subscriber test cases.