

Technical Bulletin

TB 0359 - Updates to SDI120 - CT Installation and LV Battery Commissioning

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Background

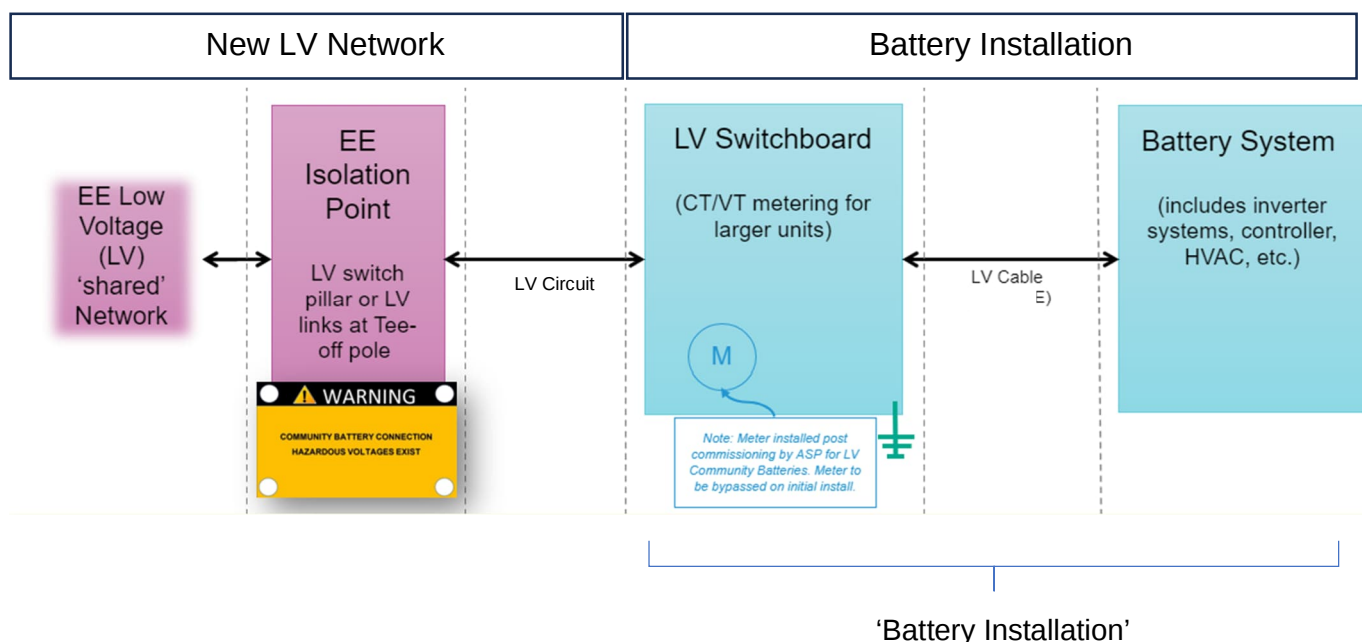
Cable screens passing thru CTs in RMUs

In accordance with the recently published TB358 due to a number of instances of incorrect CT installations in Distribution RMUs the commissioning checks for underground mains cables (table L) has been amended to include a visual inspection during cable commissioning. In addition, clause 4.7.8 has been updated to include details and diagrams to illustrate correct installation of CTs.

Consolidate LV Battery Commissioning Form

To simplify the number of commissioning forms related to LV Battery installations the previously published tables Q1 'Pole Mounted Batteries' and Q2 'Ground mounted Batteries' have been replaced with a new Q1 'Consolidated Battery Commissioning Form' that incorporates elements of tables C, K and P removing the need to also complete additional forms for the LV switchboard, earthing and the LV cable of the battery system.

The 'new LV network' (the left side of the diagram below) that is supplying the battery installation shall be checked and tested in accordance with existing commissioning processes.



For the 'battery installation' (right side of above diagram) from the LV switchboard through to the battery itself use the Consolidated Battery Commissioning Form (table Q1) of amendment 4.2 of SDI120. Table S of Annexure 2 now outlines the anti-islanding checks required for batteries as a part of post commissioning.

Actions

When installing CTs and commissioning cables terminated to Distribution RMUs complete the CT installation in accordance with clause 4.7.8 and complete the commissioning checks outlined in step 1 of table L in amendment 4.2 of SDI120.

When commissioning LV Batteries utilise table Q1 'Consolidated Battery Commissioning Form' of amendment 4.2 of SDI120.

Table S in Annexure 2 shall be followed including anti islanding checks as a part of Post Commissioning.

Implementation

The contents of this Technical Bulletin are applicable immediately.

Impacted Standards

The contents of this technical bulletin have been reflected in the latest amendment 4.2 of SDI120:

Contacts

For further information contact:

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