

Technical Bulletin

TB 0372 – Inspection Requirements for Pole-Mounted Batteries

Date: 15/07/2025

Purpose

This technical bulletin has been issued to communicate the defects to look out for during the inspection of pole-mounted battery systems. Inspections shall be completed as part of the OLIGLI program that is governed by MMI 0001.

Background

As part of Endeavour Energy's ongoing efforts to enhance the reliability, resilience and efficiency of our distribution network, we have installed a number of battery energy storage systems across the network and will continue to do so. To ensure the long-term performance of these assets the following inspection activity has been developed.

Actions

OLI inspectors are to inspect the pole mounted assets as part of the existing OLI program.

As this is a pole-mounted installation, inspections are to be conducted from ground level.

Inspections shall include the following:

- Signs of physical damage, corrosion, or wear and tear on the enclosure.
- Unusual noise or vibration from the fans.
 - Filters clogged or blocked by debris, dust or vermin.

Vegetation defects of pole-mounted batteries shall be managed in a similar manner to that of pole-mounted transformers.

Defects associated with these inspections have been added to the Defect Handbook MMI 0002 and have also been included below.

Any defect that requires corrective action must be recorded in SAP.



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Defect Description	Indicative Defect Photo	Task Details
Enclosure corroded Indicators are signs of corrosion, wear or tear on the enclosure		Standard Job - Replace BESS corroded part (BESSCP). SAP Priority - 7
Fan vibration Indicators are unusual noise or vibration from fan		Standard Job -Replace BESS fan (BESSFA). SAP Priority - 7
Filter Blocked Indicators are debris, dust or vermin in filter.		Standard Job - Replace BESS filter (BESSFT). SAP Priority - 7
Failed BESS Indicators: – Little or no energy capacity in battery - Inability to charge or discharge properly		Standard Job - Replace BESS battery (BESSCD). SAP Priority - 2

Implementation

The contents of this Technical Bulletin shall be implemented immediately and be maintained until such time the Technical Bulletin is withdrawn.

Contacts

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