



TRANSPOWER



FIRST ALERT

Date: 2/3/2017

Maximo Reference: 96913

CBF and BZ testing causes LOS in South Island

EVENT



Figure 1- New labels attached post-event warning technicians of i-Trip

- Due to the CBF and BZ test/isolate/service switches not isolating all protection circuit outputs during testing, an I-trip was sent to the Twizel end of the circuit and tripped the Circuit Breakers of “in-service” equipment.

IMMEDIATE ACTIONS

- Testing on BZ and CBF stopped and Operational Control returned.
- NGOC assisted with return of all circuits and equipment.
- Transpower Management advised
- Investigation commenced
- **PROTECTION WORKS STAND-DOWN 9-10TH March 2017** - allowing for:
 - Review of planning, work practices, procedures, Work Method Statements, competence and general mind-set of workforce
 - Identify and implement planned actions aimed at reducing risk to the power system during protection works
- Reminder to all personnel that all work carried out under the Minor Works Management System ([Work Authority Procedure TP.SS 06.56](#)) needs to be planned, with work and testing methodology documented
- Reminder to all personnel that a Work Method Statement is required for work on protection systems where circuit changes, testing or isolations are involved in the work and are to include:
 - A peer review
 - Secondary isolation/restoration sequences
 - Checking and recording of protection configurations or switches as work progresses



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