TRANSPOWER

ElectroNet TRANSMISSION

Date 29 January 2016

Maximo Reference 89050

FIRST ALERT

Operational Error on Merlin Gerin CB

Location: **Stoke 33kV Switchroom**
Incident: **Incorrect Operation of Circuit Breaker CB2162**

EVENT

On 29th January 2016 ETL was carrying out maintenance on CB2162 that required the CB to be Open and Racked Out with the Bus and Cable shutters closed, locked and tagged.

CB2162 controls Network Tasman Ltd Waimea Road distribution feeder and was off loaded by their Operator and Operational Control of the circuit breaker was passed onto NGOC.

NGOC opened CB2162 and requested the ETL Switcher confirm CB2162 was in the open position. ETL Switcher confirmed that was correct and NGOC passed Operational Control of CB 2162 to ETL.

ETL then proceeded to rack out the circuit breaker as per manufacturer's instructions. This requires the Isolating Mechanism system being moved from locked position '1' to Isolating Mechanism Free position '2' . At the same time as pushing the Isolating Mechanism lever to the Free position, the Switcher is required to hold in the circuit breaker 'Off' button identified in the instructions as Button '0'.

It was during the selection of the button that the ETL Switcher incorrectly selected the 'On' button closing the circuit breaker.

The ETL Switcher immediately realised his error and opened the circuit breaker.

IMMEDIATE ACTIONS

- Opened circuit breaker
- Notified management
- Investigation commenced

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For more information please contact:

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