



FIRST ALERT

CB Fail Initiate resulted in a loss of FHL 110kV Bus

EVENT



While undertaking scheduled line protection maintenance at Fernhill Substation for CB 152 (FHL-WPW-Cct 1), a CB Fail initiate was triggered resulting in a total loss of the FHL 110kV Bus.

The CB Fail isolation switch (S4) was not selected to isolate before the testing of the protection relay commenced.

There is no bus coupler installed at FHL so on operation of the bus zone protection, a total loss of the 110 kV bus results.

An investigation is underway to establish the root cause.

IMMEDIATE ACTIONS

- Broadspectrum management and Transpower were informed and FHL 110kV Bus was returned to service
- The work scene was quarantined and initial investigation conducted on site.
- An investigation is underway.
- On completion of investigation, further updates will be circulated to all Service Providers.
- Technicians are reminded to confirm all intended isolation will allow for safe testing of equipment.
- Where the site has no bus coupler the increased risk to system security needs to be identified at the planning stage and additional planning and/or documentation needs to be implemented.



For more information
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