

SAFETY ALERT



BEST IN SERVICE, BEST IN SAFETY



Subject: ABB Unigear 550 11kV circuit breaker vacuum bottle failure

Date: Monday 6 November 2017

Description:

An ABB Unigear 550 11kV circuit breaker failed, causing the total loss of supply to customers fed from Avalon Zone substation.

It was believed to be a vacuum bottle failure following a cable fault.



Recommendations:

- ABB to inspect the circuit breaker and investigate the cause of the failure
- Following any potential recommendations from ABB, all other Unigear 550 11kV circuit breakers on the network will be inspected and replaced if any issues are identified
- As the explosion vents are on top of this switch board, no work shall be undertaken above the switchboard
- No one is to access the rear of the live switchgear board and access points are to be blocked off
- Egress ways must remain clear when working on this board and area needs to be ventilated
- No circuit breaker on this board to be racked into the live busbar until inspection and testing has been completed on the total circuit breaker

For further information contact: The WEL Networks Health & Safety Team.