



TRANSPOWER



FIRST ALERT

07.02.2025

CB982A Y phase Failed During Operation

On 31.01.2025 at 06:08am Haywards Filter bank 5 tripped via protection operation. When staff arrived on site, they discovered HAY-CB-982A Y phase had suffered a catastrophic failure resulting in the loss of SF6, with porcelain and mechanical components dispersed across the filter bank switchyard.

The failed circuit breaker is a Siemens type 3AP2. These circuit breakers are associated with HVDC assets and are only installed at Haywards and Benmore Substations. The 3AP2 circuit breaker is an SF6 circuit breaker with double head/interrupter arrangement.

Equipment adjacent to filter bank 5 and the wider location in Switchyard D where debris were discovered, is being assessed for damage prior to being returned to service.

- No injuries to any personnel.
- This happened early in the morning when no staff were on site.



IMMEDIATE ACTIONS

- Investigation has commenced.
- The immediate areas around the 3AP2 type circuit breakers at Haywards and Benmore, have been cordoned off and are restricted access areas until further notice.
- The concern relates only to Siemens type 3AP2 circuit breakers. Transpower is engaging NZ subject matter experts and Siemens Original Equipment Manufacturer (OEM) for advice.



For more information please contact:

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