



TRANSPOWER



FIRST ALERT

Date: 20/05/15

Maximo Incident 7835

Wanganui 33kV Feeder Cable Strike

EVENT

At 2.02pm on the 19th May 2015, during the excavation of a new security fence at Wanganui Substation, an excavator with an auger struck the WGN CB 2032 feeder cables while being used for drilling post holes. The ground radar had earlier indicated that there was something in the ground at 600mm in depth, and this was assumed to be mag-slab, as it was discovered during excavation of cables nearby to the location. Due to this, the maximum auger depth used was 600mm resulting in the auger nicking the sheath of the 33kV XLPE power cable of WGN_CB_2032 Taupo Quay feeder and resulting in a tripping of WGN 33BS A.

All work on site was stopped immediately. ABB Supervisor then checked the site was safe and all staff involved were OK and immediate assessment of damage was carried out.



IMMEDIATE ACTIONS

- Work immediately stopped and supervisor ensured staff safety
- Damage to the plant assessed
- Investigation was carried out to identify the tripped cable, and technicians were on site to assist with diagnosis and restoration. Subsequently, an investigation was conducted to identify the root cause of the issue.



For more information
please contact:

Name: Chetan Chauhan
Designation: ABB Project Manager
Mob: 021 564 787
Chetan.Chauhan@nz.abb.co.nz