

Albany 100Mvar SVC

Project: Albany 100mvar SVC

Client: Nokian

Location: Albany Substation

Contract value: \$5,000,000

DESCRIPTION

Transpower has been focusing on upgrading the Albany substation to provide the necessary voltage support to the wider Auckland and Northland region.

SCOPE

Electrix has played a key part in the upgrading of the Albany Substation. Initially Electrix installed a third 220/33kV 120MVA supply transformer in support of the two existing units. An extension of this project also saw the provision of additional operational security on the 220kV Bus System to further improve the reliability of the substation.

Electrix successfully completed the upgrade in multiple stages while the substation continued to provide power to the region.

In addition to the above works, Electrix, subcontractor to Nokian Capacitors, managed the local design / build / construct component of the new \$20m 220kV 100Mvar Static Var Compensator (SVC) - a relatively new technology in New Zealand.

VALUE TO CLIENT

Transpower now have a network that can supply the optimum level of power at any given time.

