

PROJECT DATA

Liapootah 220 kV Switching Station Protection and Control Upgrade



CLIENT	Transend Networks
PROJECT LOCATION	Liapootah Switching Station, Tasmania
DATE OF PROJECT	1/9/2004 to 1/4/2005
SERVICES PROVIDED	<ul style="list-style-type: none">• Protection panel design• Protection panel interface design• Protection settings• SCADA system design, installation and commission• Protection panel FAT Witness• Site commissioning

Transend Networks Pty Ltd required protection and control assets at Liapootah 220 kV Switching Station to be upgraded and segregated from a Generators premises, with the new assets relocated in a new control building within the existing switchyard.

The extent of the work at Liapootah included five new transmission line protection panels, a protection and control panel for the bus coupler and a SCADA system including a local HMI. The project also incorporated four new protection and control panels for the remote transmission line bays associated with Liapootah switching station upgrade. The design was later augmented to cover non-intact (secure n-1) conditions in the transmission system, again with our involvement in pre-feasibility and subsequent due-diligence.



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