

PROJECT DATA

Starwood MDF Plant 100/6.6kV Substation

CLIENT Bell Bay Power Pty Ltd

PROJECT LOCATION Bell Bay, Tasmania

DATE OF PROJECT 1996 -1997

SERVICES PROVIDED



The project required the design, construction and commissioning of:

- 110/6.6V substation comprising 2 x20 MVA ONAN/ONAF transformers,
- a 17 panel 6.6kV switchboard and a 3600kVAr power factor correction capacitor.
- 10kV compact steel mono-pole transmission line
- 110kV XLPE cable

Project management - contract administration and negotiation, cost and schedule control, quality assurance.

System Studies - Load flow, fault analysis and harmonic content.

The production of an environmental report for the transmission line and gaining the necessary government approvals.

The design of the switchyard drainage to ensure that the risk of contamination of the environment was minimized.

The coordination of a number of specialist contracts for the supply of equipment and labour.

Despite adverse weather conditions the project was completed.



Head Office
4 Elizabeth Street
Hobart, Tasmania 7000
GPO Box 355, Hobart
Tasmania 7001, Australia
PHONE 1300 360 441
FAX +61 3 6230 5460
EMAIL
consulting@hydro.com.au
Hydro Tasmania is a business
of the Hydro-Electric Corporation
www.hydrotasmaniiconsulting.com.au