

# 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 x 20 MVA ONAN/ONAF transformers, a 17 panel 6.6kV switchboard and a 3600kVAr power factor correction capacitor.
- 110kV 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 within the specified time.



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