

Transline Compliance Project – Package 2

Project: EA. 1178/00

Client: Transend Networks

Location: Tasmania

Contract Value: \$8,500,000

Completion Date: June 2003

Electrix Pty Ltd won the contract to upgrade 10 of Transend's transmission lines from 110kV to 220kV to meet the requirements for higher operating temperatures and bring the lines into line with HB C(b)1 a National Standard for Transmission Lines.

The work is ongoing and includes:

- Condition assessment and preparation of design recommendations and drawings.
- Strengthening lattice steel towers and foundations.
- Fitting new insulators and hardware.
- Designing and installing extensions to towers to increase ground clearance. This work is being done energised and de-energised.
- Converting suspension towers to strains.
- Re-tensioning conductors.
- Removing and relocating structures.
- Designing and installing single and Pi pole crossovers and deviations.

This has been a long running contract where Electrix is able to work with Transend to produce cost effective alternatives to achieve the desired result. The different activities are bound by the availability of continuous line outages and access to the lines. Electrix developed effective liveline options for a number of the critical activities to reduce outage costs and program deadlines. The work is ongoing.



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