

Powercor Low Conductor Clearance

Project: Powercor Low Conductor Clearance

Client: Powercor Australia Ltd

Location: Western and Northern Victoria

Contract Value: AUS \$1 - 1.5 Million

In early January, 2000, Electrix Pty Ltd was contracted to undertake the design and construction for the Low Conductor Clearance Project across 350 Powercor sites.

The scope of the work included:

- LV Underground installations and removal of the Overhead conductors;
- installation of HV and LV poles;
- erection of raiser brackets on existing poles;
- installation of ground guys and surface logs &
- re-sagging both HV and LV structures.

Vemtec was engaged to produce the required complex designs while Electrix completed the HV work under HV shutdown conditions, using Glove and Barrier works practices. All LV work was completed alive.

The challenging and varied terrain required the use of an excavator and Peru to access the dense areas of the South West region.

A close working relationship was established with Powercor throughout the project and Mr Andrew McKay, Manager Priority Maintenance, of Powercor, has reported that "the Conductor Clearance Project was the first major design and construct contestable project of its type for Powercor. Electrix successfully completed their component of the project and have highlighted many opportunities for us to enhance our contracting processes for similar projects in the future".



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