

# Fosterville Gold Mine – Terminal Station

Fosterville - Victoria



Fosterville 220kV Terminal Station

**Client:**

Perseverance Exploration Pty Ltd

**Location:**

Bendigo

**Value:**

\$2,100,000

**Completion:**

2005

**Referee:**

Martin Bouwmeester, Perseverance Corp

## Innovative Greenfield Terminal Substation

The project involved procurement, construction and commissioning of a 220kV/11kV Terminal Station at Fosterville in central Victoria to provide supply to the Perseverance Gold Mine.

Associated works included design and construction of 220kV line lattice towers to connect to the Bendigo to Shepparton transmission line.

Access to the existing transmission line customers was restricted to a maximum of two outages.

Powercor's project management skills and ability to coordinate the

requirements of the end user and the network owner were showcased during this innovative "mini terminal station"

Powercor's highly capable and experience testing and commissioning technicians capabilities ensured that the substation was commissioned with the system security maintained at all times.

This Greenfield project included the following features:

- 220kV Tower tee off
- 220kV terminal station
- Control room and 11kV switchroom
- 1.4km 11kV private overhead and underground line connecting the station to the Perseverance mine site
- Protection and control interfaces to SP AusNet's transmission network

***"An innovative Terminal Station constructed and commissioned with a minimum of fuss"***



PNS also designed and constructed the new lattice Tower Tee Off

