

# SP AusNet – Doreen 66kV/22kV Substation

Doreen - Victoria



66kV Bus installation at the Doreen Zone Substation

**Client:**

SP AusNet

**Location:**

Doreen

**Value:**

\$3,800,000

**Completion:**

March – November 2006

**Referee:**

Lance Hancock

SP AusNet

## Greenfield Zone Substation

In early 2006 Transmission and Distribution Company SP AusNet selected Powercor Network Services to design, procure, construct and commission a new 66kV/22kV zone substation at Doreen in the fast growing south east region of Melbourne.

Design began in March, with civil construction starting on site in April. The Zone Substation and all feeders were commissioned by the end of November 2006.

The use of highly skilled Powercor labour and subcontractors, coupled with Powercor's ability to effectively coordinate all required resources were key factors that allowed the project to be delivered on time.

Powercor Project Manager Anthony McCurry maintained a focus on quality and customer satisfaction that ensured that things were done right the first time and key milestones were met.

Works completed by Powercor Network Services included the following:

- Design
- Procurement
- Site establishment, fencing, roads and earth grid
- Foundations
- Control room
- 66kV outdoor switchgear and bus
- 66/22 kV transformer
- 22kV switchboard
- Protection and control systems
- AC & DC systems
- SCADA systems
- Commissioning

**“A Greenfield Zone Substation constructed and commissioned in less than 8 months”**



Powercor Network Services