

edison

66kV Reconductor Project Management

INDUSTRY SECTOR: Distribution – Overhead Lines
EDISON SERVICE: Project Management
CLIENT: Powerco



Project Overview:

The project objective was to ensure the security, diversity and certainty of electricity supply to PowerCo's growing customer base on the Coromandel Peninsula.

The construction of the 110kV Coroglen to Kaimarama line in 2011 allowed the 66kV line to be taken out of service to allow for critical maintenance to be undertaken.

The project scope entailed replacing the existing Mink ACSR conductor with Krypton ACSR. Additionally, as a result of modelling the transmission line and applying the latest design standards a significant number of poles and crossarms required replacement.

Edison Delivery:

Edison was engaged by PowerCo to project manage the design, procurement and construction stages of the project. This included the following aspects:

- Managing the design subcontract
- Procurement of the long lead time construction materials (conductor, poles, cross-arms & insulators)
- Procurement of the construction contract
- Management of the construction contract
- Liaison with landowners before, during and after the construction works

A feature of the construction works was the pole sites were entirely on privately owned property, much of it working farm land. Liaising with landowners was a key aspect of this project as was planning and scheduling construction activities to minimise damage and disturbance.

Client Feedback:

"Edison provided valuable support for all landowner liaison, overall procurement of major material items and the construction project management for this project on behalf of PowerCo ensuring it was completed on time and without incident".

Keith Forlong, Eastern External Works Manager, PowerCo