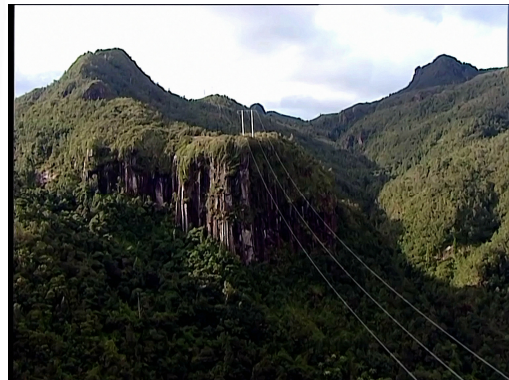


edison

Kopu/Coroglen Transmission Line

INDUSTRY SECTOR: Distribution - Lines
EDISON SERVICE: Project Management
CLIENT: Powerco



Project Overview:

The 66kV line between Kopu and Coroglen was originally a 50kV line built in the 1950's by the New Zealand Electricity Department. The line was constructed using light conductor and travels through some rugged terrain to bring electricity supply to the upper Coromandel Peninsula.

Due to substantial increases in load from significant property development in the region the line is not sufficiently rated to carry the peak loads required.

Powerco identified that the line needed to be reconducted and uprated it to be able to operate at 110 kV in the future. The line upgrade project for the project works had an approximate value of \$4.4 million.

Helicopters were used to assist with the construction of new pole structures at remote locations and diesel generation was required to keep supply outages to a minimum.

Edison Delivery:

Edison was engaged by Powerco to carry out the Project Management function required for the design and installation works. Edison provided a full project management service including all tender preparation, evaluation and award, material procurement and on site supervision of contracted resources.

Liaison with the Department of Conservation for access to remote poles sites in protected areas was critical to the successful delivery of the project.

Client Feedback:

"Edison provided an excellent project management service. They simply got on with the job and made it easy for us to achieve delivery to budget and timeframe"

Keith Forlong, Powerco