



CASE STUDY: TRANSPOWER MAINTENANCE AND PROJECT WORKS

Northpower is one of only a handful of New Zealand contracting companies authorised to work on Transpower's national high-voltage electricity transmission grid.

PROJECT SCOPE

Due to the company's size, resources and industry reputation, Northpower was identified as a potential industry partner for Transpower and was invited to pre-qualify for work on its national grid.

Through a competitive tender process, Northpower has won contracts to provide project-based construction and maintenance work on Transpower's de-energised 110kV and 220kV networks. The work is very diverse and includes construction, maintenance and upgrades to existing network assets.

Northpower has carried out replacements of poles, foundations, insulators, cross arms, tower steel members and conductors at a number of North Island locations on the Transpower grid including Highbrook and the Waikato.

CHALLENGES

Due to the diversity and the nature of the work, an extensive range of specialist skills are required. The challenge for Northpower has been to ensure that sufficient numbers of skilled personnel are available to work

FACTS AND FIGURES

- Transpower qualified to 110kV and 220kV
- 18 Transmission qualified Linesmen
- 1 Landowner Liaison Officer
- 1 Transmission Business Manager
- 1 Transmission Project Manager



on each project and to manage a continuous workload.

Carrying out a range of projects for a large company like Transpower has made it essential for Northpower staff to have an excellent and comprehensive understanding of the client's business systems, communication and documentation requirements to achieve key outcomes.

SOLUTIONS

Northpower has grown its transmission capabilities by investing in training existing staff and recruiting additional key staff qualified to build and maintain 110kV and 220kV networks. Strategic alliances with other Transpower contractors with specialist skills have also boosted our capacity.

RESULTS

Understanding the client's processes and deliverables has been the key to providing a high quality service. This has been achieved through the development of a strong and ongoing relationship with Transpower's project team, and through the establishment of a dedicated Transmission business team to focus on Transpower deliverables.