



DISTRIBUTION NETWORKS

As New Zealand's largest electrical contractor, you can be assured that Northpower has the capacity and the capability to deliver on any project. We offer a vast range of services, from designing, building or upgrading electrical networks, to faults resolution and maintenance.

“safe, reliable, hassle free service”

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Northpower

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Northpower provides a complete design and build package for new and upgraded substations, transmission networks, and distribution networks.

With an extensive array of resources to call on, we can put together a team of design, installation and project management experts to find a safe, reliable, hassle free solution for our clients.

Our specialist capabilities include conversions from overhead lines to underground, and maintenance services for networks of any size. We also design and build fibre optic communication networks, using our wealth of company expertise to implement highly cost-effective solutions.

We can help you improve the reliability of your network and reduce unplanned customer outages through our highly responsive service covering infrastructure assets, lines, subtransmission, metering and substations.

At Northpower we always meet client deadlines because we understand how important these are. We assign experienced project managers to give a complete service covering communication with all parties and supervision of civil works contractors.

Our satisfied customers include major lines companies throughout the North Island, and our own lines network in Northland.

We work with clients to develop maintenance plans and schedule maintenance spend by using risk management methodologies based on network fault data and equipment failure reports.

Our asset maintenance system captures defect data, assigns work for repair and ensures that GIS asset management data is kept up to date. Asset inspections are conducted utilising the latest in available technology; thermal imaging, ultrasound, partial discharge, corona and visual surveys. Line inspections are conducted by ground or aerial inspection.

We believe it's our ability to respond to customer needs and deliver on them that sets us apart from our competitors. The most important thing to us is client satisfaction and building long term relationships.

DISTRIBUTION NETWORKS CAPABILITIES:

- Maintenance planning and development
- Asset inspections
- Fault investigation and analysis
- Geographic Information System (GIS) and cable location service
- HV and LV electrical system maintenance including live line glove and barrier work up to 33KV
- Network upgrade improvements
- 24 hour fault response service
- Immediate replacement of broken poles and conductors



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