

Lines Engineering

LineTech Consulting (a division of LTH Ltd) is New Zealand's premier provider of Lines Engineering, Asset Management, NZECP34 studies, Asset Inspection, Energy Efficiency, Project Management, and Electrical Specialist services. LineTech Consulting are a 100% employee-owned company with a long and successful track-record in New Zealand, Australia, and the Pacific Islands.

LineTech Consulting bring a qualified and experienced team of Civil, Electrical, Mechanical, and Structural Design Engineers who can support your project needs from feasibility through to field implementation support.

LineTech Consulting Lines Engineering services include:

- + Transmission Line Design
- + Distribution Line Design
- + Line design with PLS-CADD and CATAN
- + Structural analysis with PLS-POLE and TOWER
- + Design of new lines including route selection
- + Upgrades, uprating, and reconductoring of existing lines
- + Structure and foundation design
- + Tower and foundation strengthening
- + Independent design review or verification
- + Drafting services including: Plan and Profile drawings, electrical clearance diagrams, sag and tension charts, and fabrication drawings
- + Material schedules
- + Conductor selection
- + Earthing design
- + Earth Potential Rise analysis
- + Lightning design
- + Insulation design

- + Conductor ratings
- + Purchase specification development
- + Owner's Engineer
- + Construction support
- + Cost estimation
- + Engineering Investigations, Innovation, Technology Reviews, and R&D
- + Design standard development, review and benchmarking
- + Substation civil and structural design
- + Constructability reviews

LineTech Consulting also have expertise in the following complementary areas:

- + NZECP34 studies
- + Asset Management
- + Asset Inspections
- + UAV Inspections
- + Electrical Specialist Services
- + Project Management

CONTACT US

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