

SAFER, STRONGER, MORE POWERFUL NETWORKS

HV ELECTRICAL



FIRST CHOICE FOR_ HV ELECTRICAL

The high-voltage electrical sector demands the very highest standards of construction capability to ensure that projects are completed safely and without disruption to essential networks.

With Cassidy Construction you have a contractor partner with a deep understanding of the highly specialised high-voltage electrical environment and an extensive track record of delivering safe and successful projects in the sector.

Our self-performing capability allows us to draw on highly qualified specialist teams, control processes and procedures, and ensure safe, timely delivery of your asset to the utmost quality.

Clients with challenging projects who want to avoid disruption to their business seek out our expertise in technical and hazardous construction and our experience in working on live sites.

We are passionate advocates of early contractor involvement (ECI) and employ an in-house building information modelling (BIM) team to help finetune your design and suggest efficiencies.

We work with public and private clients around the country and we're proud to say that after more than two decades in the business, the vast majority of our work comes from repeat clients whose experience of partnering with Cassidy Construction makes us their First Choice for future projects.

How Cassidy Construction adds value

- **Expertise in HV electrical construction**
- **Extensive HV experience**
- **Next-practice HSE systems**
- **Specialist trained HV people**
- **Excellence in quality management**
- **More sustainable outcomes**
- **Industry leaders in BIM**
- **ECI de-risks your project**
- **Proactive, clear communication**
- **Self-performing civil, drainage, concrete, carpentry and painting**
- **Holistic service for the life of your asset**

HV ELECTRICAL CONSTRUCTION EXPERTS

Our capabilities

- Greenfield and brownfield builds
- Substation construction, including building services
- Transformer building construction
- Outdoor switchyards and transformer bays
- Concrete structures
- Concrete ducting
- Trenching and conduit installation
- Piling and drainage works
- Earthworks
- Seismic strengthening of buildings and structures

Embracing challenges

High-voltage projects are among the most complex and potentially hazardous in the construction sector. That's why we love them.

At Cassidy Construction we enjoy a challenge, and our self-performing capabilities mean we can control all aspects of your project to ensure safe and timely delivery.

Experience and expertise

We are experienced in high-voltage work in both greenfield and brownfield environments – from constructing new substations, transformer buildings and outdoor transformer bays, to seismic strengthening of existing buildings and structures. Our capabilities extend to building services, concrete foundations and plinths, trenching and conduit installation, concrete ducting, and piling, civil and drainage works.

Our engineers and project managers are experts in managing projects around the service and safety requirements of high-voltage sites, and if you involve us early you'll benefit from our expertise in digital modelling to de-risk your project.

Relentlessly focussed on safety

Safety always comes first on a Cassidy construction site, but even more so on high-voltage electrical projects. Having worked on live high-voltage sites for 25 years, we understand the particular demands of the sector and have exemplary processes and procedures in place to ensure safe working environments.

Our ISO 45001 and 14001 accredited health, safety and environment (HSE) management system is the cornerstone of our risk-based safety culture. Our people are safety trained beyond compliance and our key site-management teams all hold the New Zealand Certificate in Workplace Health and Safety Practice.

A culture of continual improvement

Our dedicated in-house HSE team takes a proactive approach to identifying risks in their pursuit of a zero-harm workplace.

As our 2022 independent ISO audit concluded: 'Cassidy demonstrates a positive OHS culture, including continual improvement. Health and safety is a way of life at Cassidy.'

CASSIDY
CONSTRUCTION



PUSHING BOUNDARIES

HOW WE DO IT DIFFERENTLY

At Cassidy Construction we believe in pushing boundaries to provide better service to our clients. We continually invest in upskilling and innovation to stay at the forefront of the construction sector.



ECI

Early contractor involvement done right

We work proactively and collaboratively with clients and contractors to streamline methodologies and de-risk projects early in the design and planning process.



BIM

Modelling the future with digital technology

Our building information modelling capability allows us to preview projects virtually, simulate potential impacts and deliver solutions before they become real-life problems.



HSE

Controlling risk through HECA

We are committed to a zero-harm workplace and continually seek ways to safeguard our sites, including implementing programmes such as high energy control assessment (HECA).



QA

Delivering the quality results our clients demand and deserve

We set exceptional standards for the quality of our work and continually monitor our delivery via our ISO 9001 aligned in-house quality management system.

BUILDING POSITIVE CHANGE

We aim to be your First Choice for HV electrical projects, not only because you trust us to deliver a quality result, but also because we demonstrate a genuine commitment to contributing to the prosperity of Aotearoa New Zealand and the wellbeing of its people.

We have articulated this commitment to public value in our Building Positive Change strategy, which sets specific goals around environmental, economic and social sustainability.



Please visit our website cassidy.co.nz to find out more about our current initiatives and our progress towards achieving these goals.

SOCIAL & CULTURAL CHANGE

We will be a force for good in our society by:

- embedding diversity, equity and inclusivity within our workplaces
- prioritising the health, safety and wellness of our people
- improving supplier diversity
- engaging with and supporting our communities
- partnering with more Māori and Pasifika-owned businesses

ECONOMIC CHANGE

We will help build skills and careers in the construction sector by:

- funding apprenticeships, scholarships and cadetships
- strengthening training and development pathways for our people
- supporting our subcontractors with skills development
- creating opportunities for local businesses

ENVIRONMENTAL CHANGE

We will reduce the environmental impact of our work by:

- reducing emissions
- diverting site waste from landfill
- engaging subcontractors with similar goals



Te Mihi Power Station M3
Vessel Civil Works
Contact Energy

Scan QR to read case study





Sandspit Substation Vector

Scan QR to read case study





Riverhead Substation Vector

Scan QR to read case study





Tauhara Steamfields
Contact Energy

Scan QR to read case study





**Mangawhai Central
Substation**
Northpower

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Ōpunake Switchroom

Powerco

Scan QR to read case study





Barber Rd Substation

Counties Energy

Scan QR to read case study





Atkinson Substation
Vector

Scan QR to read case study