



**ICE**  
ELECTRICAL

# CAPABILITY Statement

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# WHY CHOOSE US

## TECHNICAL SKILLS | COMMUNICATION | RELIABILITY | CONSISTENCY | ON CALL SERVICE | FAST RESPONSE

At ICE Electrical Ltd, we power your world with precision and expertise. As a leading provider of commercial and industrial electrical services, we pride ourselves on delivering top-tier solutions to meet the unique needs of your business. Our skilled electricians bring a wealth of experience as well as a commitment to excellence, nationwide. As a registered Master Electrician, ICE Electrical relies on robust quality assurance, health and safety, risk management, reporting, sustainable systems and processes.

We have primary locations in Taranaki, Manawatu, Hawkes Bay and the Bay of Plenty. Our team can travel throughout Aotearoa New Zealand ensuring that wherever you need us, we can be available.

Whether you're upgrading your facility's electrical infrastructure, installing advanced systems or need reliable servicing and maintenance, ICE Electrical is your trusted partner. We are committed to the core values that make this company a respected name in the local electrical industry and have played a vital role in our development into the business that we are today. Our unique Client-Supplier-Contractor relationship works as a partnership, delivering cost effective practical solutions of the highest quality through transparent contract agreements and ensuring sustainable project margins for ourselves and our project partners. We leverage the latest technologies and industry best practices to provide your business with innovative solutions that enhance your operations and minimise downtime.

From onsite project development to ongoing maintenance contracts, domestic electrical design and individual assistance, we have the team, the products, the guaranteed supply and the commitment to our clients to ensure your satisfaction.



# ELECTRICIANS QUALIFICATIONS

## INDUSTRIAL

Our highly skilled industrial electricians are always focused on the best outcomes for our clients while minimising downtime and ensuring the safe and efficient operation of product lines and other industrial processes:

- Install and maintain electrical systems
- High Voltage & Currents
- Switchboards and other components
- Troubleshooting, diagnostics and electrical fault repairs
- Automated Systems such as PLC devices
- Strict adherence to safety protocols
- Reading and interpreting electrical plans and diagrams

## E4M

As specialists in all fields we deliver complex electrical for mechanical work including integrating and controlling mechanical systems including:

- Control Panels
- Motor Controls
- Power Distribution
- Commissioning and Testing
- Heating, ventilation and air conditioning systems
- KNX Building Environment Monitoring
- Human Centric Lighting systems

## AUTOMATION

When integrating electrical systems with automation technologies it's important to ensure your contractors can deliver. We're well versed in handling the electrical wiring, programming and maintenance of automation systems and ensuring efficient, reliable operation for

- Control Panels
- KNX Building Environment Monitoring
- Human Centric Lighting systems
- Solar/Sustainable Electrical Systems
- Programmable Logic Controllers (PLCs)



# INSPECTORS QUALIFICATIONS

Our accredited electrical inspectors are trained to verify the safety and compliance of electrical work, ensuring its adherence to regulations and standards.

## HAZARDOUS AREAS

- Reduce risk of plant loss (fire and/or explosion)
- Potential cost savings on insurance premiums
- Improved plant reliability
- Compliance with Aotearoa New Zealand regulations, standards, laws
- Confidence in operational safety

## MEDICAL

- Prioritising the safety of patients
- Adhering to the highest standards
- Ensuring all work complies with industry regulations
- Specialising in meeting AS/NZ 3003 requirements
- Maintenance, Repairs and Alterations



# INSTRUMENTATION (IMC) TECHS QUALIFICATIONS

We combine our electrical and instrumentation experience to install, maintain and troubleshoot industrial measurement and control systems. We work with a variety of equipment including sensors, controllers and communication systems.

- Installation and Commissioning
- Maintenance and Repair
- Calibration
- Safety Compliance
- Problem Solving





# OUR SPECIALTIES

# WATER ENERGY

- **AWARD WINNING CONSTRUCTION OF MULTIPLE WATER TREATMENT FACILITIES**
- **ELECTRICAL INSTRUMENT AND CONTROL SYSTEMS DESIGN AND BUILD**
- **PROGRESSIVE AND FORWARD-THINKING**
- **AOTEAROA NEW ZEALAND WIDE RESOURCE STRUCTURE**

When it comes to water energy, precision, reliability and industry know-how are non-negotiable. ICE Electrical's specialist team brings decades of experience delivering robust, code-compliant solutions tailored to complex industrial environments.

As the water industry moves toward a more sustainable, energy-efficient future, choosing the right electrical partner is critical. We specialise in supporting utilities and industrial clients through every stage of their energy transition – designing and implementing smart, scalable electrical systems that reduce energy consumption, integrate renewable technologies and enable real-time performance monitoring. We have a deep understanding of both water infrastructure and emerging energy solutions, we help future-proof your operations while lowering operational costs and environmental impact.

From initial design to final commissioning, we ensure that seamless integration includes the meeting of the highest safety and performance standards.

Whether upgrading existing infrastructure or building new, we're the efficient, on time and on budget partner that you can count on.



# WAIAROHA

## CRUCIAL TREATMENT PLANT UPGRADES ARE DELIVERING SAFE DRINKING WATER FOR THOUSANDS OF HASTINGS HOUSEHOLDS.

Waiaroha is a key Hastings District Council Drinking Water Strategy designed to improve water quality and supply. The strategy is being implemented in multiple stages, over multiple sites.

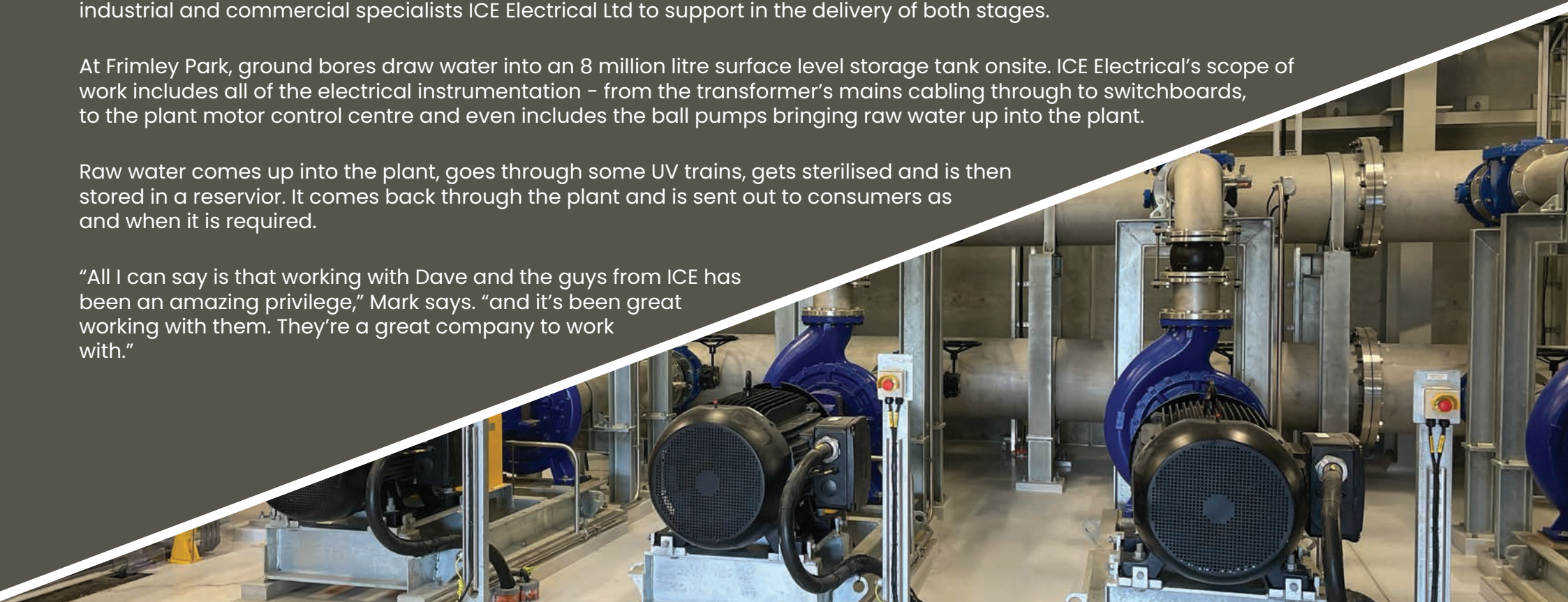
"This is a very unique project for the Hastings District Council," says Mark Currie, Drainways Contracting Managing Director. Drainways is the main project contractor. "It's a very large project. It's one of the finishing touches that the Council has been doing for this over \$90 million spend on the water upgrade since the Havelock North water crisis."

Stage one was delivering the complex and impressive Frimley Park Water Treatment Plant, servicing two thirds of Hastings households. Stage Two was developing the Eastbourne plant and "water education centre", servicing the other third of residents. Drainways engaged industrial and commercial specialists ICE Electrical Ltd to support in the delivery of both stages.

At Frimley Park, ground bores draw water into an 8 million litre surface level storage tank onsite. ICE Electrical's scope of work includes all of the electrical instrumentation – from the transformer's mains cabling through to switchboards, to the plant motor control centre and even includes the ball pumps bringing raw water up into the plant.

Raw water comes up into the plant, goes through some UV trains, gets sterilised and is then stored in a reservoir. It comes back through the plant and is sent out to consumers as and when it is required.

"All I can say is that working with Dave and the guys from ICE has been an amazing privilege," Mark says. "and it's been great working with them. They're a great company to work with."



# MEDICAL

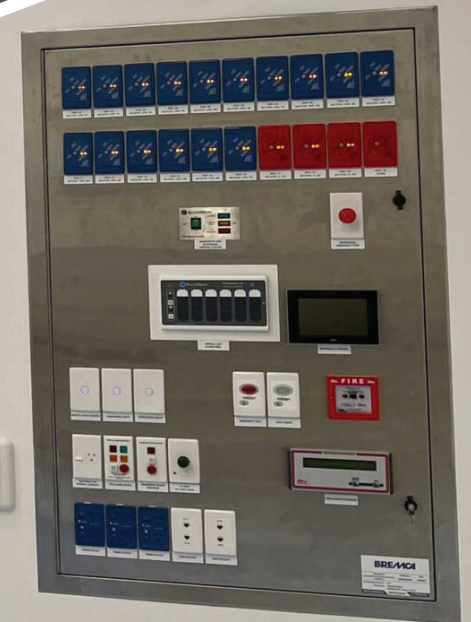
- **COMPREHENSIVE KNOWLEDGE**
- **BODY AND CARDIAC PROTECTED AREAS**
- **TRUSTED SOURCE OF GUIDANCE**
- **SUCCESSFUL DELIVERY OF NUMEROUS PUBLIC AND PRIVATE SECTOR PROJECTS**
- **MEDICAL AREA INSPECTION SERVICES**

ICE Electrical's expertise in patient area electrical installations is unmatched. We excel in procedure, assessment and compliance, ensuring your patient care environments meet the highest standards.

We prioritise the safety of your patients – our team goes above and beyond to ensure that all work complies with industry regulations.

We specialise in meeting AS/NZS 3003 requirements, which provide the guidance on electrical installations in patient areas. This standard sets out the requirements for new electrical installations as well as for maintenance, repairs and alterations to the installations.

Whether it's the construction of a new area, the upgrade of existing infrastructure or a compliance review, the logical decision is to choose ICE Electrical.



# SOUTHERN CROSS EXPANSION PROJECT

## SOUTHERN CROSS' \$11M HOSPITAL EXPANSION IS COMPLETE, WITH ELECTRICAL WORKS BY ICE ELECTRICAL.

The expansion connects the existing operating theatre suite and the East Ward, plus adds two new operating theatres, another 12 bed unit and a 13 chair day stay unit, to the hospital.

The 18 month long development required areas of demolition, alteration and refurbishment, as well as new construction.

"All patient areas were wired as Body or Cardiac protected areas, all socket outlets were protected by medical grade RCD's so there were some very unique aspects to this job," John says.

"We installed the world's most advanced and simple automatic monitoring and testing system- the Hive Mesh System- to achieve the necessary emergency lighting.

"We achieved optimum lighting control using a DALI 2 compliant system to incorporate monitoring and testing functionality. It also gives the client the best for their needs."

ICE Electrical has a long working history with Southern Cross Hospital. We first began working with them in 2007.

"We will keep working with them in future, we will be upgrading existing lighting in other areas of the hospital as well as converting nearby spaces into new offices and storage areas. Southern Cross Hospital is a pleasure to work with."



# ENERGY TRANSITION STRATEGIES

As the energy landscape shifts toward sustainability and resilience, we provide clients with strategic solutions designed to empower our clients and lead the transition. Our Energy Transition Strategies are designed to reduce energy costs, enhance reliability and move businesses toward greater energy independence.

## ENERGY AUDITS

Our comprehensive energy audits identify inefficiencies as well as opportunities for improvement across your entire operation. By analysing your energy usage patterns, we can tailor solutions that will reduce energy waste, lower operational costs and improve your business's environmental performance.

## BATTERY ENERGY STORAGE SYSTEMS (BESS)

Battery storage is critical to future-ready energy management. Our BESS solutions help you store excess energy, improve grid stability and maintain operations during outages or peak demand. Integrating BESS increases resilience while enabling smarter, time-shifted energy use.

## ON-AND-OFF PEAK SOLAR INTEGRATION

We design and implement solar systems optimised for both peak and off-peak periods. Whether your goal is to offset daytime loads or shift production to non-peak times, our solar strategies ensure you get the most out of every kilowatt generated.

## PEAK SHAVING

Reduce your demand charges with intelligent peak shaving solutions. By managing and minimising energy spikes, we help you avoid costly tariffs and smooth your energy usage profile without compromising performance.



# ENERGY TRANSITION STRATEGIES

## FLEXIBLE ENERGY SOLUTIONS

Every operation is unique and so are its energy needs. We deliver flexible, end-to-end energy systems that adapt to your specific load profiles, site conditions and business objectives. From hybrid solar-storage configurations and demand response programs to EV charging integration and micro-grid ready systems, our solutions scale with your growth while also evolving alongside emerging technologies. We generate solutions with adaptability and long-term performance in mind.

## ENERGY INDEPENDENCE

Achieving full control over your energy generation, storage and consumption through an integrated system can help to reduce grid reliance as well as to protect your business from volatility in the energy market. Our energy independence strategies combine renewables, advanced control systems and storage technologies to reduce reliance on the grid and protect against market volatility, blackouts and rising energy prices. By generating, managing and storing your own power, you gain more than security and reliability, you gain the freedom to make energy decisions that best suit your operational and environmental goals. It's a smarter way to power the future of your business.

## LET'S SHAPE A SMARTER, MORE SUSTAINABLE ENERGY FUTURE FOR YOUR BUSINESS – TOGETHER.

Our team is here to help you navigate your energy transition with confidence. We deliver more than products – we deliver complete, integrated energy strategies tailored to your unique needs. From initial audits and feasibility studies to full system design, installation and ongoing support, we partner with you every step of the way. Our commitment to technical excellence, innovation and customer success ensures you gain maximum value from every solution we provide. Together we can build a cleaner, more independent energy future for your business.



# INDUSTRIAL & COMMERCIAL SERVICING

## WE OFFER

- FACILITY MAINTENANCE
- SUBCONTRACTOR MANAGEMENT
- PREVENTATIVE MAINTENANCE STRATEGIES
- PROMPT RESPONSE TIMES
- VAST SUPPORT NETWORK
- CONFIDENCE IN EXECUTION
- CUSTOMER DRIVEN APPROACH
- HAZARDOUS AREAS CAPABILITY, INCLUDING INSPECTIONS
- AIR CONDITIONING
- TEST & TAGGING



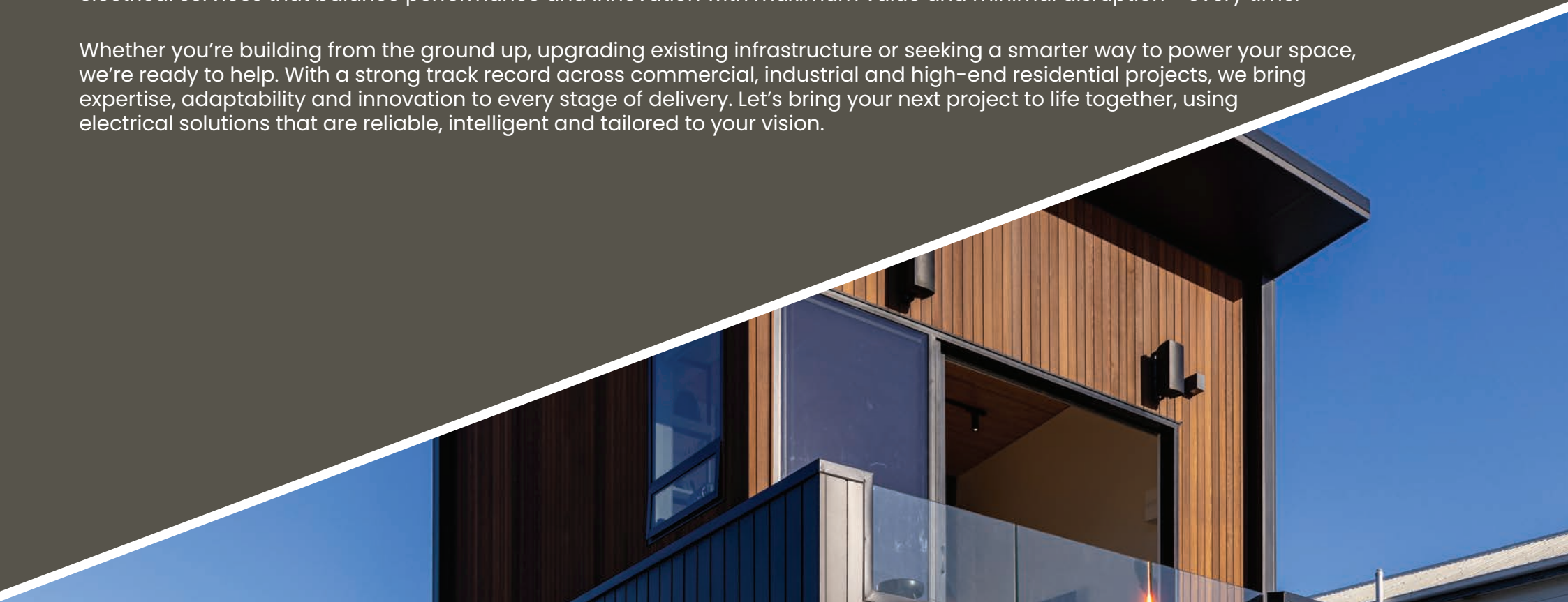
# PROJECTS : POWERING PERFORMANCE ACROSS SECTORS

From cutting-edge commercial developments to complex industrial operations and high-end bespoke homes, we deliver electrical solutions that are precise, scalable and future-ready.

Our approach is built on deep technical knowledge, smart design and a commitment to delivering value at every stage of the project lifecycle.

We partner with developers, architects, builders and end users across a wide range of sectors to ensure each project delivers integrated electrical services that balance performance and innovation with maximum value and minimal disruption - every time.

Whether you're building from the ground up, upgrading existing infrastructure or seeking a smarter way to power your space, we're ready to help. With a strong track record across commercial, industrial and high-end residential projects, we bring expertise, adaptability and innovation to every stage of delivery. Let's bring your next project to life together, using electrical solutions that are reliable, intelligent and tailored to your vision.



# COMMERCIAL PROJECTS

## SMART SOLUTIONS FOR COMMERCIAL ENVIRONMENTS

In commercial settings, electrical infrastructure is more than just a utility – it's the backbone of daily operations, customer experiences and long-term sustainability. We provide tailored electrical solutions for a broad range of commercial spaces including:

- Office buildings and corporate headquarters
- Retail precincts and shopping centres
- Medical facilities and clinics
- Hotels, entertainment venues & restaurants
- Education and public sector buildings

Our commercial services are designed to optimise functionality, comply with regulatory standards and support future growth. From early-stage consultation through to installation and post completion support, we prioritise efficiency, aesthetics and minimal disruption to operations. We support builders, developers and facility managers with tailored electrical systems that meet the high demands of modern commercial environments. From office fitouts and retail centres to hospitality and healthcare facilities, our work enhances safety, usability and energy performance.

Our experience in stakeholder engagement ensures minimal disruption during operations and seamless delivery on tight timelines.

### KEY SERVICES:

- End to end electrical fitouts
- Energy efficient lighting & controls
- Power distribution, switchboard upgrades
- Structured cabling & communications
- Emergency lighting & backup systems
- Building automation & smart integration



# INDUSTRIAL PROJECTS

## POWERING PRODUCTIVITY AND OPERATIONAL EXCELLENCE

Industrial environments require robust, reliable electrical systems that are also built for and capable of continuous operation. We deliver high-performance electrical infrastructure for:

- Warehousing and logistics hubs
- Manufacturing plants and processing facilities
- Utilities and infrastructure projects
- Waste management and recycling plants
- Agricultural and food production operations

Our expertise lies in our ability to design and install systems that meet strict safety, performance and environmental standards while supporting process efficiency and long-term scalability.

### KEY SERVICES:

- Main Switchboard and sub-distribution installation
- Heavy-duty power and control cabling
- Plant automation and control systems
- Motor control centres (MCCs)
- Hazardous area installations (where applicable)
- Preventative maintenance and asset lifecycle support



# HIGH END RESIDENTIAL

## BESPOKE ELECTRICAL SYSTEMS THAT ELEVATE EVERYDAY LIVING

Residential electrical systems should be designed with comfort, convenience and lifestyle at the forefront. We work with architects, designers and home builders to deliver premium, discreet and intelligently integrated electrical services for:

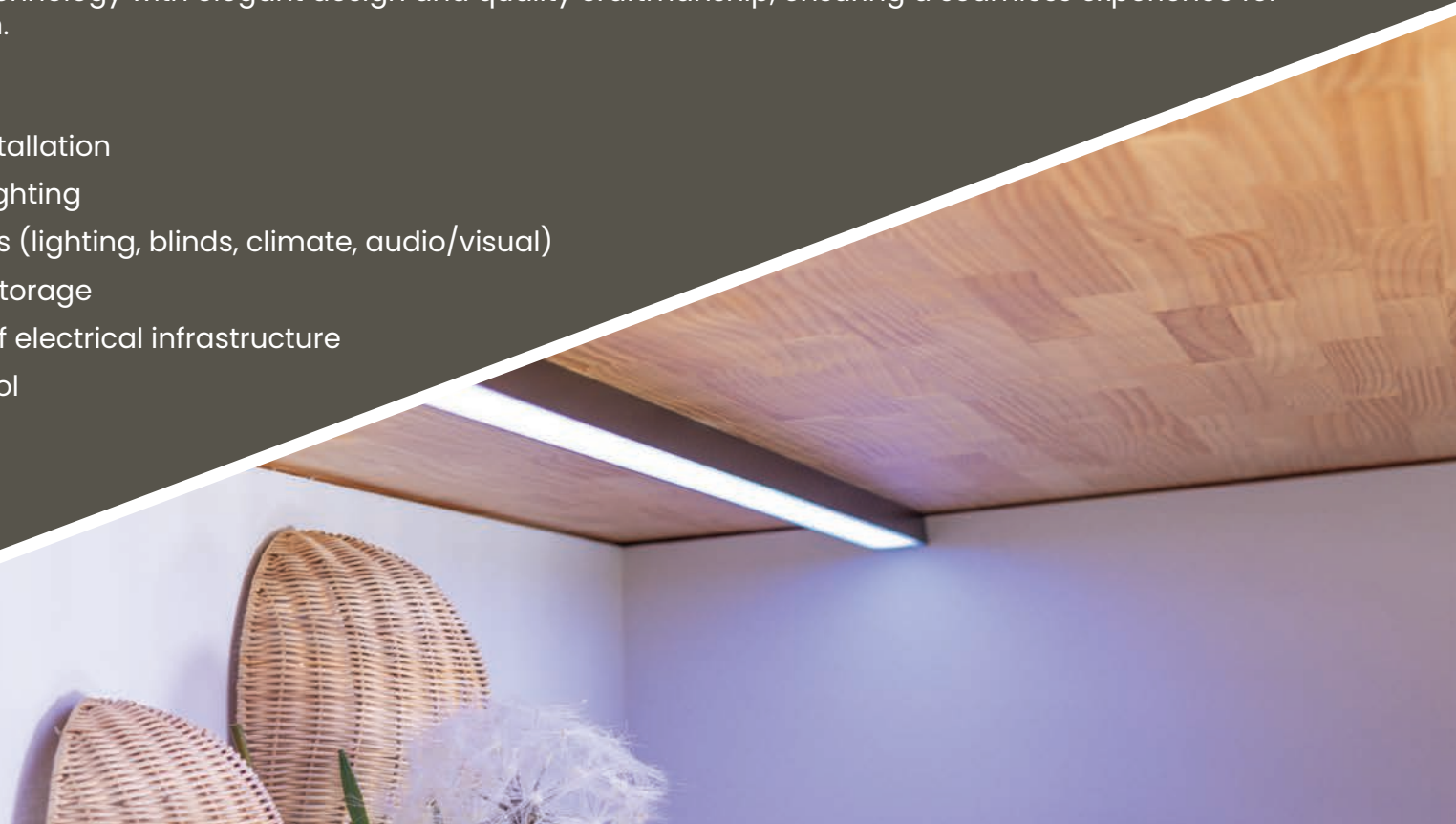
- Custom-built homes
- Luxury apartments and penthouses
- Architectural renovations and extensions
- Smart home upgrades and energy independence

Our approach combines cutting-edge technology with elegant design and quality craftsmanship, ensuring a seamless experience for homeowners from concept to completion.

### KEY SERVICES:

- Full home wiring and switchboard installation
- Designer lighting plans and feature lighting
- Home automation and smart systems (lighting, blinds, climate, audio/visual)
- Solar power integration and battery storage
- EV charging stations and future-proof electrical infrastructure
- Security, intercoms and access control

Our team ensures every detail aligns with the vision and every system performs effortlessly in the background to create a home that's as intelligent as it is beautiful.

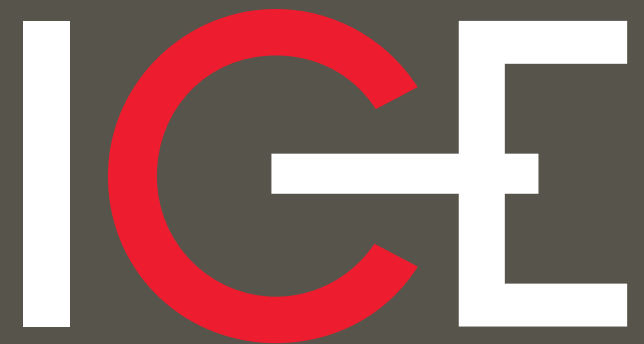


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