



AUSTRALIA
SINCE 1910



CAPABILITY STATEMENT | 2024

ELECTRICAL AND COMMUNICATIONS CONTRACTORS | SINCE 1910



Capable and Honourable Hands

When George Stowe passed the Stowe business to Bert Madson, he wrote that he was 'proud to admit that the business name of "Stowe" was in capable and honourable hands'.

Stowe's success is based upon upholding those standards, by providing capable and honourable hands to our customers and our industry each and every day. I'm very proud to follow in the 100-year tradition of my father and grandfather, in offering those hands to you.

CHRIS MADSON
Managing Director



Francis Bell & Co. Limited

Incorporated on the 14th September 1910 with George Stowe, Francis Bell and 6 other shareholders.



George T. Stowe

With the retirement of Francis Bell in 1922, the Company was renamed to The George T. Stowe Electrical Co. Ltd.

David Madson

In 1984, David Madson, the son of Bert Madson, bought Sam Bogen's family out of Stowe Electric, placing 100% of the ownership with the Madson family, where it remains today.

Stowe Australia Pty Limited

In 1999, the company continued to expand and the decision was made to merge Stowe Electric and Stowe Communications into Stowe Australia Pty Limited, which is how it remains today.



100 Years of Stowe Australia

On the 14th September 2010, we celebrated the centenary of the company's incorporation.

Further research has uncovered records confirming that Francis Bell registered an electrical contracting company under the Registration of Firms Act on 20th December 1904, as well as correspondence between his company Francis Bell & Co, and the Sydney City Council in 1905.



Bert Madson Commences

On the 12 February 1915, a young Alfred "Bert" Madson begins his electrical apprenticeship at Francis Bell & Co.



Stowe Electric Pty Ltd

In June 1937, the company was sold to George T Stowe's leading foreman, Bert Madson and Sam Bogen, with the company being renamed to Stowe Electric Pty Ltd.



Stowe Communications

In 1993 Stowe Voice & Data was created. The division initially traded under Stowe Electric, however was later established as Stowe Communications.

Chris Madson

In September 2004, Chris Madson became the 3rd generation of the Madson family to work full-time for the Stowe brand. Initially working in our finance team, Chris took on the Managing Director role in 2007, where he remains today.

The Future of Stowe Australia

By continuing to respect our four core values of safety, customer, people and innovation, the Stowe name entrusted to us by George Stowe all those years ago, will continue in 'capable and honourable hands' for decades to come.





STOWE HISTORY

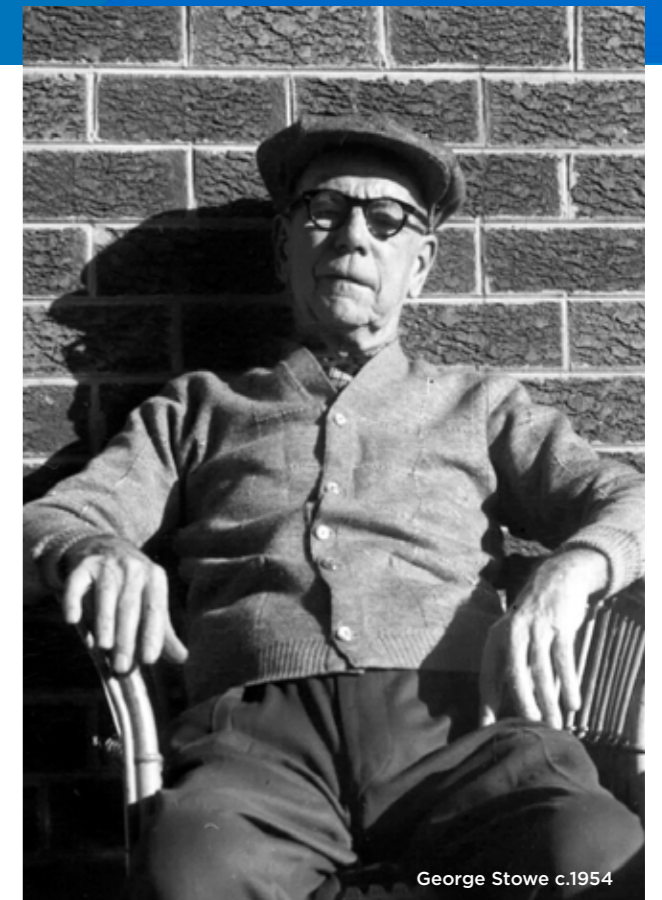
Stowe Australia is the leading, **family-owned electrical company** in Australia today.

With a history dating back to the 1890's, Stowe Australia is the leading **family-owned** electrical and communications contractor in Australia today. We employ more than 1,500 full-time staff in over 12 office locations, with an annual turnover exceeding \$500M.

Creating a safe and rewarding environment for our people, we power and connect the infrastructure of Australian day-to-day living. Our projects have included office buildings, shopping centres, hospitals, railways, airports, ports, defence facilities, schools, convention centres, stadiums, and town halls. We work closely with our clients, and are committed to adding value to their everyday operations and the wider community.

The ownership and driving force of the company has been retained by the Madson family over three generations (more than 85 years), with Chris Madson as the current Managing Director. Our foundations as a family owned and operated business means that a strong loyalty and culture exists amongst our employees, which has allowed us to establish a long-term customer base through repeat business.

As a family-owned company, our employee development and engagement programs means that Stowe can offer our staff opportunities to learn and progress, so that our clients can be confident that they're receiving the latest in construction technology and processes. These programs are constantly under review to ensure that Stowe Australia, will remain a leader in the electrical and communications industry for many years to come.



George Stowe c.1954



1500+
FULL-TIME EMPLOYEES



12
OFFICE LOCATIONS
AUSTRALIA WIDE



\$500M+
ANNUAL TURNOVER

CAPABILITIES

Delivering **electrical and communications** contracting services throughout Australia.



Project Manager John Brumec, Western Sydney Stadium

We service the commercial, infrastructure and industrial electrical sectors, offering a wide **range of capabilities** that are scalable, diverse, and comprehensive.

- Electrical & Communications
- High Voltage Power Systems
- Electrical Engineering
- Digital Engineering
- Civil & Hydro Excavation
- Automation & Control Systems
- Maintenance Programs
- Lighting Control Systems
- Security Works
- Audio Visual
- Hazardous Area & Aviation Fuel Systems
- Ship to Shore Frequency Conversions
- Electric Vehicle Charging



CORE VALUES



SAFETY

Achieve our mission of ZERO HARM to people and the environment.



CUSTOMER

Build and maintain a satisfied customer base through fair dealings based on trust and respect, and always offer a quality service.



PEOPLE

Nurture our long-term relationships with our suppliers and, most importantly, our employees.



INNOVATION

Pioneer the electrical and communications sector through safe work initiatives, innovation and diversity in our service offering.

Our **core values** underpin **everything we do.**



Sydney CBD Client Services Team

EXECUTIVE MANAGEMENT TEAM



CHRIS MADSON
Managing Director



MICHAEL PAWELKO
Chief Operating Officer /
Director



SCOTT GANDY
General Manager NSW, ACT
& WA / Director



TED JAMES
Chief Financial Officer,
Company Secretary / Director



BARRY HORE
Non-Executive Director



PETER LAGOS
General Manager VIC



DANNY ATKINSON
General Manager QLD

OUR PEOPLE

With people being our main asset, it's important that we focus on their **development** and **safety** to ensure that we can provide our employees with a reason to stay with us.

How do we do this? We understand that every employee has their own aspirations and goals. Some prefer to expand their technical knowledge, whilst others aim for a leadership and management position. We offer a range of internal and external training programs designed to provide a rewarding pathway, no matter which area of specialization is chosen. The result is a skilled, high-performing, and stable workforce.

Stowe Australia has over 150 current employees who have more than 15 years of continuous service with the company.



260
APPRENTICES



150+
EMPLOYEES WITH
15+YEARS OF SERVICE



7%
FEMALE EMPLOYEES

FINANCIALS

A sound business with a solid **financial history.**

The construction industry is often characterised by undercapitalisation, so it's critical that we provide our suppliers, customers, and employees with a financially robust partner.



Western Division Office, Penrith NSW

For our clients and staff, the assurance of collaborating with an organization boasting a sturdy financial footing is invaluable. Our strong balance sheet and the practice of purchasing our assets outright rather than relying on financing them, provides confidence to our staff, customers and supply chain knowing that they're working for an organisation that's here to stay.

An integral part of our culture is how we recognise the contribution made by our employees to our success. Financially, we demonstrate this through an annual profit share distribution from the company's pre-tax profit to our employees from field staff up.



STRONG FINANCIAL POSITION

A strong **Net Asset position** with sound financial management.

Working for Stowe also means that our staff have access to our employee discount portal **ENERGY**, allowing them to save money on weekly shopping bills, fuel, luxury items and electronics.

The combination of our talented workforce, assets, strategic approach, and a robust balance sheet devoid of debt has enabled us to consistently outperform our competitors. This, in turn, has allowed us to provide our staff with a rewarding work environment that has served our organization well throughout our 113-year history, spanning numerous economic cycles.



27K
JOBS COMPLETED
2022/2023



\$541M
REVENUE 2022/2023



\$49M
NET ASSET POSITION



\$461M
WORK ON HAND

INSURANCES

Public Liability	\$50M
Contract Works	\$70M
Professional Indemnity	\$20M
Motor Vehicle	\$20M
Cyber	\$5M
Airside	\$10M
Workers Compensation	Compensation benefits & common law liability.

OUR SERVICES

A comprehensive services contractor.

We create value for our clients by offering a comprehensive range of in-house electrical, civil, communications, design and digital engineering solutions to meet the requirements of our projects, both large and small.



PROJECT CATEGORIES

Data Centres	Petrochemical	Manufacturing
Healthcare	Mining	Rail
Commercial	Airports	Stadiums
Utility Feeders	Aviation Fueling	Government
Defence Assets	Ports	Retail

By offering a diverse range of services in-house, we are a one-stop-shop to design, build and maintain your assets. This capability also means that we do the coordination of all services for you, so that your project can be delivered easily and efficiently. Whilst our services vary from project to project, some of the main functions we provide include:

DESIGN & ENGINEERING

- High voltage design and engineering
- Low voltage and building services engineering.
- Lighting control systems
- Digital engineering
- Structured cabling design
- Security and audio visual
- Utility design

CONSTRUCTION

- All electrical & communications services
- Hazardous area
- High voltage utility feeders
- Civil excavation & non-destructive digging
- Security & audio visual
- Lighting control systems
- Nursecall systems

MAINTENANCE

- High voltage electrical
- Low voltage electrical
- Communications systems
- Fixed plant, building & campus
- DC power systems
- Compliance audits
- Power quality & analysis
- Transformer and oil testing
- 24/7 mobile service



HV & LV ELECTRICAL DESIGN

We design from the **constructors perspective.**



With over **100 years of practical construction experience**, we know the many benefits that good design can bring.

From shopping centres to data centres, container terminals to metal recycling yards, our Engineering team designs from the perspective of the constructor. This ensures appropriate value solutions are identified and importantly, that power systems can be constructed, and move seamlessly from the design phase into construction.

In some states, Stowe Australia holds utility accreditations to design networks that include public street lighting, low voltage distributors and high voltage overhead and underground networks for both public and private customers.

Our Engineering teams are equipped with longstanding practical knowledge and the experience to design cost effective, fit for purpose, functional solutions for all types of electrical and communications applications.



Our team have the capability to take on full design and construct contracts, design to completion, or to value engineer an existing design to ensure that the final product is practical and meets with all relevant codes and standards. We use a vast array of the latest construction industry software including Building Information Modelling (BIM) and Virtual Reality (VR), so that we can meet the needs of any project, irrespective of size or complexity.

HIGHLIGHTED PROJECTS

CLIENT

Western Sydney Stadium

Stadium lighting control and electrical power supply

Lendlease

CSL Laboratory Melbourne

Design and coordination of biopharmaceutical manufacturing development

Besix Watpac

Crown Resort & Hotel Sydney

33kV substations including SCADA, protection, blast studies and earthing

Crown / Lendlease

Frankston Hospital Melbourne

Design development of a 70,000sq mtr 500 new bed hospital & central plant.

Lendlease

Kangaroo Point Green Bridge Brisbane

New pedestrian bridge linking Kangaroo Point to the Brisbane CBD.

Besix Watpac



Accor Stadium, Sydney Olympic Park



Sydney Build Expo - iCC Sydney

Powering collaboration through **connected data.**

DIGITAL ENGINEERING

Stowe Australia prides itself on being able to not only provide a superior quality service and installation, but deliver projects that require a **unique or challenging** engineered solution.

Underpinning our ability to deliver these projects is our efficient, innovative and collaborative approach to Building Information Modelling (BIM) and our broader workflows in Digital Engineering (DE).

Stowe Australia has adopted the industry leading Autodesk Construction Cloud solution that not only provides a common data environment for our own use, but allows seamless access to all required stakeholders – ensuring effective and efficient communication with our delivery team and clients. Through the common data environment, we can provide the right information, at the right time, to the right person.

Stowe Australia's digital engineering solution connects all our business units and provides common data access to all required internal positions.

Our Building Information Modelling team specifically, has a number of unique roles and responsibilities that ensures Stowe not only provides a strong project focused BIM Leads, but a national support team to assist them. Our cloud based technology and software solutions allows Stowe to provide dedicated BIM resources as projects require without being geographically disadvantaged.

Our BIM Team is supported by;

- BIM Technicians
- Project BIM Leads
- Regional BIM Managers
- National Digital Engineering Manager



Technology

Stowe Australia's authoring tool of choice is Autodesk Revit. As this software is heavily favored in the Australian construction industry, Stowe is able to commit to delivering the smallest to the most complex Electrical BIM's in a native format common to most.

Stowe uses a number of Australian industry accepted software packages to not only achieve our goals but to ensure efficient transfer of information to the delivery team in their native format.

While not an exhaustive list, our team has embraced:

- | | |
|-----------------------|-----------------------|
| ■ Building Connected | ■ AutoCAD |
| ■ ConEst | ■ Navisworks |
| ■ ProEst | ■ Revizto |
| ■ BIM Collaborate Pro | ■ Unifi |
| ■ Autodesk Build | ■ Microsoft Project |
| ■ PlanGrid | ■ Oracle Primavera P6 |
| ■ Revit | |

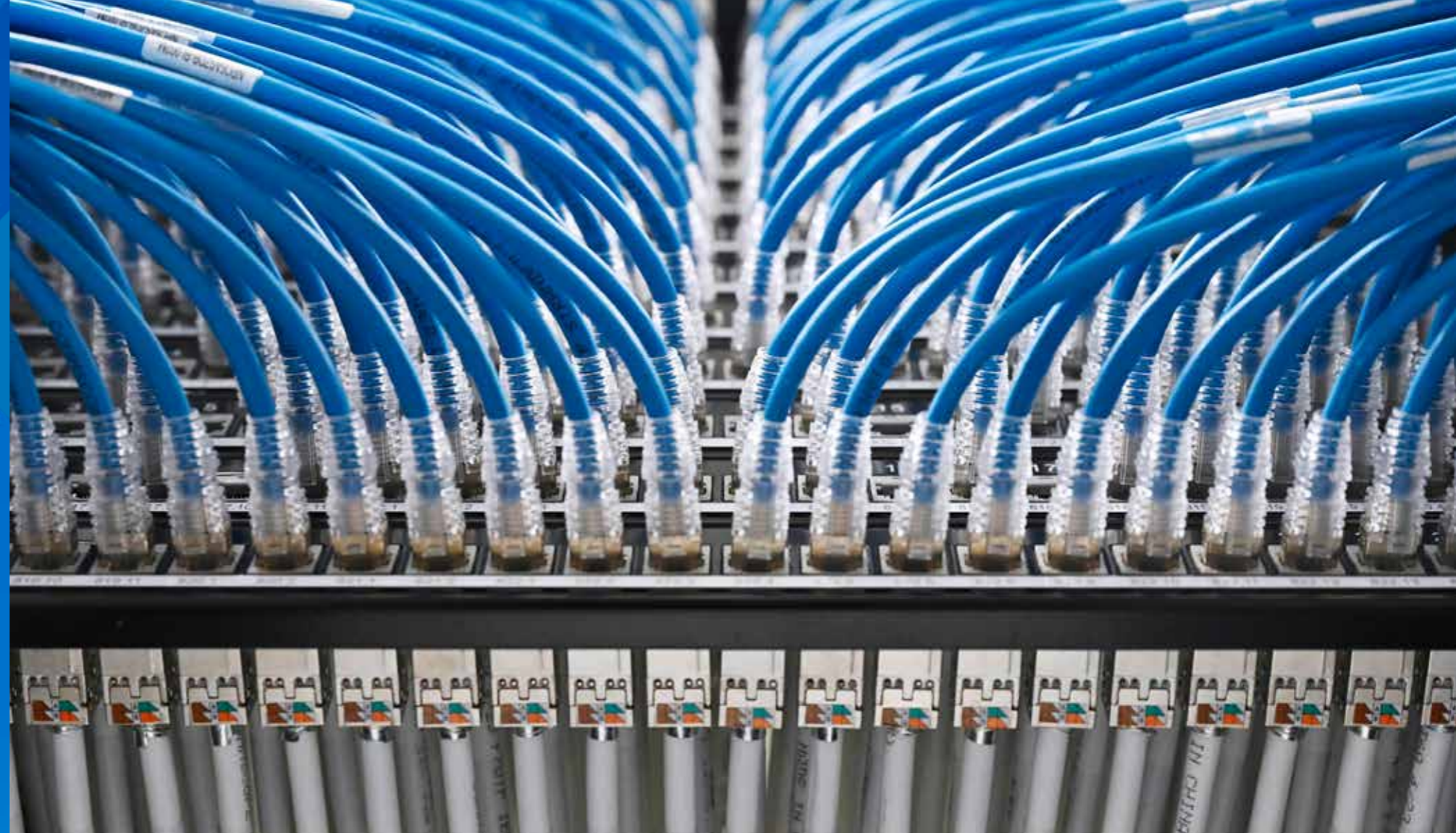
Stowe Australia owns, operates and provides a number of supplementary hardware devices that support our digital engineering and BIM deliverables. These include:

- | | |
|-----------------------------|--------------------------------------|
| ■ Point cloud scanners | ■ Interactive short throw projectors |
| ■ Virtual reality devices | ■ Large screen personal displays |
| ■ Augmented reality devices | ■ Robotic setout stations |
| ■ Interactive smart boards | ■ Portable smart devices. |



STRUCTURED CABLING

Certified in all types of structured cabling systems.



Your **structured cabling system** is the nerve centre of your business. It connects you to the outside world and when it's working efficiently, your business does too.

A well-designed and certified structured cabling system makes life simple for the end user. You can add, move and change layouts and configurations with minimal disruption or downtime. This means, that the end user benefits with a network that is a cost-effective and reliable, has reduced maintenance costs that improve business performance and support business growth.

Stowe Australia has vast experience in building reliable systems. From optical fibre to more traditional networks using copper cables, we are the trusted partner to many organisations, large and small. Our teams install certified systems into a broad range of facilities such as data centres, banks, insurance companies, defence facilities, government buildings, telecommunication companies and many other private organisations.



OUR PARTNERS:



LIGHTING CONTROL SYSTEMS

Need a **lighting control system**, that won't leave you in the dark?



Our lighting control specialists offer a broad range of lighting control technologies, giving you the **flexibility to control and manage** different lighting zones and functions within a premises or precinct.

Smart lighting control improves your energy efficiency, and reduces the running costs of your business. Programmed correctly, it will extend the life of your lamps and improve customer experience by setting the ambiance through the use of scenes, moods and enhancing the aesthetics of the space.

Our Ecoview system integration business unit is a specialist Clipsal C-Bus provider and a nationally recognised Philips Dynalite and KNX Partner. This means we have the expertise to seamlessly integrate your lighting control system with your AV system, providing you with even greater control and efficiency

OUR PARTNERS:



HIGHLIGHTED PROJECTS

CLIENT

Equinix Data Centre

Over 61,000sq mtr data centre with Dynalite as the overarching lighting control system.

Equinix

Castle Towers

Major shopping centre internal, external and landscape lighting.

QIC / Construction Control

Western Sydney Stadium

Full lighting control including DMX Light Show capability with overarching KNX.

Lendlease

Susan Wakil Health Building

8 floors of medical procedure rooms, research facilities using KNX solution.

Sydney University

RAAF Base Williamtown

Air combat group for F35A Joint Strike Fighter hangars, workshop and simulators. The lighting control system was C-Bus.

Department of Defence

MAJOR CONSTRUCTION

Complete **electrical** & **communications** solutions since 1910.

At Stowe Australia, we excel in commercial construction projects of any scale and complexity.

Our metro and regional locations have enormous resources, knowledge and experience in general construction works and can undertake projects of any scale and complexity.



Western Sydney Stadium

We are specialists in large-scale development. Our teams are involved from design to completion, installing the feeder cables that power the building site to the final power outlets on the walls – and everything in between.

EXAMPLE PROJECT TYPES:

- Shopping centres
- Commercial venues
- Hotels
- Private office buildings
- Government office buildings
- Entertainment & leisure venues
- Sporting venues
- Commercial campuses
- Data centres
- Casino complexes
- Defence facilities
- Hospitals
- Convention centres
- University campuses
- Ports
- Coal loaders
- Airports
- Defence fueling systems
- Schools
- Railway stations
- Retail precincts



Being such a large provider within the construction industry, each of our offices provides their own estimating, engineering, project management, administration and technical trade staff needed to service the markets we work in. This allows Stowe Australia to deliver a complete electrical and communications solution.

HIGHLIGHTED PROJECTS

VALUE CLIENT

Westpac Remediation & Duplication

47M FDC

Complete upgrade including substations in a live environment.

Project Star

125M Star, Multiplex & Shape

Infrastructure upgrade and refurbishment of Casino.

The Glen Shopping Centre

25M Probuild

Refurbishment of existing centre and the addition of 200,000sq mts.

Woolloongabba Cross River Rail Station

23M CBGU / D&C JV

Construction of the Woolloongabba underground train station.

Mater Springfield Hospital Stage 2

50M John Holland Group

Construction of new 40,000m2 hospital over 9-levels with a separate central energy plant design for future expansion.

HEALTHCARE

When power system integrity could **save a life**, trust Stowe Australia.



Victorian Heart Hospital



Our experience within the healthcare sector ranges from the **full design and construction** of major hospitals in capital cities and regional townships, to minor electrical and communication maintenance in local healthcare, and aged care facility centres.

Electrical power and communication systems within a healthcare setting are inherently intricate. They rely on “clean” power supplies delivered through advanced filtering systems, fortified by multiple layers of backup generation and safety equipment. Every component installed during construction undergoes rigorous testing, regular maintenance, and retesting to safeguard both power continuity and, more critically, the lives of patients and staff.

Our Service Divisions comprise specialized teams well-versed in the complexities of healthcare networks. Our approach to training begins well before construction completion. We involve our healthcare technicians in the commissioning process to familiarise them with the inner workings of the hospital’s power and communication infrastructure. This ensures that our teams possess the necessary background knowledge to address specific challenges promptly, whether it be within critical areas like operating theaters, body and cardiac protected zones, or the vital back-of-house locations encompassing switchrooms and substations.



HIGHLIGHTED PROJECTS

	VALUE	CLIENT
Gosford Hospital Electrical and ICT services for new hospital (36,000m2).	25M	Lendlease
Tamworth Hospital Electrical and ICT services for new hospital (27,500m2)	14M	Richard Crookes / Lendlease JV
Blacktown Hospital Acute Services Building (36,000m2).	121M	AW Edwards
Victorian Heart Hospital (Monash University) Specialist cardiac hospital with 206 beds.	52M	John Holland
Frankston Hospital Electrical services for the \$1.1 billion redevelopment of a new 12-storey clinical services tower and main entrance.	74M	Lendlease
Canberra Hospital Expansion Design finalisation and construction of 2 x 11kV substations and SCADA protection system.	56M	Multiplex



The Star, Cherry Bar Refurbishment



Castle Towers Piazza, Landscape Lighting & LED Upgrade

Turnkey
electrical & communications
solutions of any
magnitude.

FITOUTS & REFURBISHMENTS

Leveraging our extensive **nationwide resource network**, we have the capacity to successfully execute fitout and refurbishment projects of any magnitude.

Irrespective of the nature or scope of your facility, we possess the capability to deliver solutions across a wide spectrum. Whether it involves upgrading shopping centers, casinos, hotels, or commercial office buildings, our fitout expertise encompasses a broad range of projects, from intricate multi-floor refurbishments in central business districts to smaller office spaces in suburban locales.

Whether your requirements pertain to landscape, facade, or interior lighting, our access to global suppliers allows us to provide and install the precise solutions you need. Furthermore, we have the capacity to suggest cost-effective alternatives when value engineering is necessary.

Moreover, our teams are adept at providing temporary power and communication solutions to ensure uninterrupted productivity during renovation phases. This approach effectively minimizes downtime and keeps your business operations running seamlessly.



HIGHLIGHTED PROJECTS

Ausgrid

20 x floor fitout comprising electrical and communications services.

VALUE CLIENT

7M Shape

Exxon Mobile

Fit out of the office space at 664 Collins Street, including data centre.

5M Mirvac

Star City Casino Gaming Refurbishment

Northwest area refurbishment to gaming & restaurant area.

1.5M Buildcorp

Castle Towers Piazza

Landscape lighting, LED strip lighting and fan installation.

4M Construction Control

Defence Plaza Upgrade of 20 Floors

Complete refurbishment of 20 floors, power, light and data.

10M Renascent

Gucci Fitout, Western Australia

Gucci's Perth office fitout including power, light and data.

300k Built

DATA CENTRES

Delivering industry leading **reliability.**

Stowe Australia is well positioned to assist in the design and delivery of Tier II and Tier III hyperscale colocation data centre facilities around the country.

Delivering industry leading reliability, Tier III data centres carry a 100% uptime guarantee as well as Gold Certification for Operational Sustainability, ensuring efficient and reliable performance 24/7.



Our long history of successful data centre builds makes us the **first choice** for many premium **global organisations** who provide seamless and secure access to the worlds cloud platforms.

Stowe Australia possesses the expertise to assist in the design and construction of concurrently maintainable data centers. This ensures that scheduled maintenance tasks on power and cooling systems can occur without interrupting the data center's operations. As a result, the facility can consistently operate at its maximum efficiency, eradicating downtime and minimizing uptime KPI costs for its owners.

This commitment to excellence extends to all our clients, regardless of their location, as we tailor our solutions to meet their specific needs.



HIGHLIGHTED PROJECTS

VALUE CLIENT

<p>Airtrunk Data Centres</p> <p>30MW data centre including 4 data halls, 18 generators, PTU's and transformers. Included all HV and LV services.</p>	<p>35M+ Built / FDC</p>
<p>Macquarie Telecom</p> <p>Electrical reticulation to new data centre.</p>	<p>50M+ FDC</p>
<p>Next DC</p> <p>Sydney, Melbourne and Brisbane data centres. HV, LV and data halls.</p>	<p>100M+ Next DC / FDC / Multiplex</p>
<p>Microsoft</p> <p>New data centres, HV, LV, communications, civil works and data halls.</p>	<p>60M+ AW Edwards</p>



66kV Substation, Mackay North QLD



Delivering all types of network solutions, we can **power** your project.

UTILITY NETWORKS

As your **dependable infrastructure partner**, we streamline the process of connecting your project to the utility power networks, eliminating any associated complexities

Stowe Australia serves as your representative, engaging in productive collaborations with utility providers and a diverse array of stakeholders, including Roads and Maritime Services, property proprietors, and the general public. Our objective is to seamlessly deliver power to your project, whether it entails modest low-voltage connections or substantial 132kV installations. With our experienced infrastructure team, we are well-equipped to meet all your needs, irrespective of the project's size and complexity.

SERVICES:

- Padmount, kiosk and chamber-type substation installation and fitout
- HV switchboards and Ring Main Unit (RMU) installations
- Transformer installation and maintenance
- Asset relocations
- Street and area lighting
- Underground paperlead and XLPE cable jointing
- All types of overhead line work
- Liaison, connection and commissioning to authority networks
- Excavation works and road restorations
- Temporary transformer hire
- ASP3 Design services



HIGHLIGHTED PROJECTS

33kV Data Centre Feeders

33kV direct feeders from Ausgrid Zone Substation to site in Macquarie Park.

VALUE **CLIENT**

18M Next DC

Darling Harbour Feeders

Direct 11kV feeders from Pyrmont Zone substation to Darling Harbour.

5M Lendlease

Samantha Riley Drive, Kellyville

Undergrounding of 33kV transmission and 11kV distribution feeder asset relocation. 3klm's of street lighting upgrades.

9M Hills Shire Council

Department of Defence, Garden Island Power Feed

Provision of feeders from the zone substation into the defence base.

13M Lendlease

The New Sydney Fish Markets, Pyrmont

Provision of new chamber substation, protection and battery system.

2M Multiplex

HIGHT VOLTAGE PRIVATE NETWORKS

Proven capability to build **reliable networks.**

We'll design, build and manage your network right from the start, ensuring its effectiveness both in the present and for years to come.



At Stowe Australia, we possess a demonstrated ability to construct **dependable networks.** Our approach goes beyond just factoring in the installation expenses; we also take into account the total cost to the end-user throughout the network's operational lifespan.

Private networks demand the expertise of specialists with a wide range of technical experiences. Numerous components are meticulously coordinated, analyzed, and tested before voltage is even introduced. These include protection studies, cable selection, earthing studies, supervisory control and data acquisition (SCADA), relay test instructions, switchgear, and transformers.

Moreover, our technical team has the capability to create your High Voltage Installation Management Plan (HVISMP). We can also oversee the actual switching and operational procedures to guarantee the safety of visitors and site users..



HIGHLIGHTED PROJECTS

	VALUE	CLIENT
<p>Westmead Hospital Replacement of main HV switchboard, construction of new substation building.</p>	10M+	Health Infrastructure
<p>Barangaroo 3 towers comprising 17 substations, HV control points, protection, SCADA and grading.</p>	14M+	Lendlease
<p>Next DC Sydney, Melbourne and Brisbane data centres. HV, LV and data halls.</p>	20M+	Next DC/FDC
<p>The Crown Towers, Hotel and Resort Sydney Design and construct of basement, podium and elevated substations.</p>	10M+	Crown / Lendlease
<p>Spirit of Tasmania Relocation Design and construct HV and LV power throughout site.</p>	6M+	BMD
<p>140 William Street Melbourne Upgrade of HV and LV site reticulation in Melbourne CBD.</p>	7M+	Retail Employee Superannuation



Industrial **control systems** are the lifeblood of your facility.

INDUSTRIAL

Our **experts in industrial** projects specialise in areas such as motor control, conveyors, instrumentation, automation and other industrial control systems.

Industrial electrical systems are the backbone of modern manufacturing and production facilities, providing the essential power and control necessary for a wide range of industrial processes. These systems are characterized by their complexity, scale, and the need for high reliability.

SERVICES

- Motor control
- Active harmonic filtration
- Variable speed drives and soft starters
- Production lines
- Hazardous areas & confined spaces
- Instrumentation
- Short & long term shift coverage
- Oil sampling and analysis
- Thermographic and ultrasonic scanning
- Protection and safety systems
- Testing & commissioning services
- Crane power and control
- Airside and Maritime Induction Cards
- Minesite compliance in selected areas



HIGHLIGHTED PROJECTS

Amazon Distribution Centre

Conveyor system to new distribution centre.

VALUE **CLIENT**

12M+ Vanderlande

Patrick Terminals

Stradler crane installation, HV and LV at Port Botany.

15M+ Fulton Hogan

Rio Tinto, Port Hedland Western Australia

New testing facility and laboratory in the Pilbara.

2M Kerman Contracting

Greenbushes, Talison Lithium Mine Western Australia

New mine services building.

1M DECMIL

Sydney Water

Multiple sewerage treatment and water treatment plants.

7M+ Sydney Water & RDC.

Woolworths Distribution Centre, Melbourne

Conveyor system to new distribution centre.

8M+ Vanderlande

AIRSIDE WORKS

Airfield, helipad & taxiway lighting & refueling solutions.



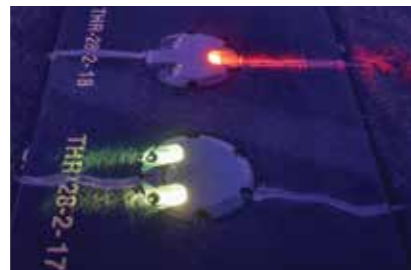
Stowe Australia plays a crucial role in **maintaining airfield lighting** systems for entities such as the Department of Defence, hospitals, and airports, ensuring the **safe landing** of aircraft.

Our airside team has expertise in a wide range of airside electrical services. This includes handling valve control pits, fuel hydrant lines, and the installation and maintenance of various runway lights, taxiway lights, apron aerodrome ground lighting, and Precision Approach Path Indicators (PAPI) at both Defence and civil aerodromes across Australia.

Our maintenance crews will repair failed fittings, re-align light fittings as per Manual of Standards Part 139 requirements, test primary and secondary Above Ground-Level (AGL) cabling, calibrating constant current regulators and maintain the AGL control equipment.

We have qualified Work Safety Officers adept at crafting Method of Working Plans (MOWP) for airside projects and facilitating access for work parties to airside zones.

In our roles, we maintain essential communication with air traffic control and directly engage with pilots on unmanned Defence and civil runways, ensuring safe access for work parties while minimizing delays to aircraft movements.



DEFENCE ENVIRONMENTS

Stowe Australia is a member of the **Defence Industry Security Program (DISP)**.



HMAS Stirling Armament Wharf Extension, Western Australia

Stowe Australia has developed a **robust foundation of expertise** in Defence estates, encompassing their intricacies, systems, and specific requirements.

Operating within the Defence sector presents distinct demands including security clearances for personnel, navigating restricted access protocols, and understanding the intricacies of the Defence Infrastructure and Engineering Manuals. Stowe Australia has established ourselves as the preferred partner for numerous substantial projects throughout the country. Notably, we played a pivotal role in the electrical design and construction of the Australian Headquarters Joint Operation Command in Bungendore, New South Wales, showcasing our commitment and expertise in this sector.

With over 200 security-cleared staff throughout the country, we have successfully delivered services including:

- Sniper and SAS shooting facilities
- Airfield and runway lighting
- RAAF frequency converters
- Hazardous area works
- Building LV and HV infrastructure
- Base communications cabling
- Generator installations
- Fuel farm installations
- Wharves and docking facilities
- Ship to shore power systems
- Estate maintenance
- UAV and flight simulator installations
- Flight Simulator

HIGHLIGHTED PROJECTS

School of Signals HMAS Cerberus

Electrical and communications to School of Signals building.

VALUE CLIENT

600K Badge Constructions

Williamtown Stage 2 Development

Office accommodation building, retail building and auditorium.

12M CPB

HMAS Stirling Armament Wharf, Western Australia

Electrical and communications for wharf extension.

6M+ DEJV

Department of Defence RCD Replacement Program

Audit and replacement of circuit breakers across multiple Australian bases.

3M+ Duratec





Maintaining your electrical assets will ensure the safety, **reliability and longevity** of your facility.

ELECTRICAL MAINTENANCE

A preventative maintenance program will keep your electrical system **safe and reliable**.

Robust electrical maintenance holds significant importance for the vitality of your business, as an inadequate electrical system can have adverse effects on both your operational efficiency and profitability.

Devising an optimal maintenance plan can be daunting. We have dedicated teams situated across the country ready to collaborate with you, comprehensively assessing your system and proposing a tailored routine preventative maintenance program.

Establishing comprehensive asset maintenance and performance records are invaluable when it comes to forecasting and implementing future preventative measures, to ensure the uninterrupted and seamless operation of your site.

Investing in your facility today is an investment in future savings, safeguarding your financial resources down the road.

KEY SERVICES:

- Electrical equipment testing and tagging
- Generator, load bank and fuel system testing
- RCD Testing
- Auto transfer switch (ATS) testing & maintenance
- Air circuit breaker (ACB) testing & maintenance
- Thermographic scanning and imaging
- Ultrasonic scanning
- Harmonic testing
- Emergency and exit light testing
- Protection testing
- High voltage switching
- Transformer and switchgear maintenance
- Substation earth testing
- Transformer oil testing
- Network operation for HVC
- Primary and secondary injection
- All types of electrical maintenance
- Switchboard testing & maintenance



HIGHLIGHTED PROJECTS - HV MAINTENANCE

Barangaroo South

17 substations across 3 towers. All HV switchgear, protection and transformers.

ASX

Maintenance of 33kV HV equipment and air circuit breakers for the data centre.

Victorian Art Centre

Maintenance of full site HV switchgear and transformers.

CLIENT

LLGU / Veolia

ASX

Victorian Art Centre

HIGHLIGHTED PROJECTS - LV MAINTENANCE

Melbourne Airport

General electrical maintenance.

GMH Maintenance Services

Electrical programmed and reactive maintenance.

UNSW Maintenance Services

Campus wide electrical LV maintenance services - reactive and preventative.

CLIENT

APAM

Knight FM

University of NSW

ROLLOUT PROJECTS

With **12 locations nationally**, Stowe are the perfect partner.



Stowe Australia's **extensive network** of locations across the country positions us as the **perfect partner** for your nationwide expansion and deployment initiatives.

With a proven track record in delivering comprehensive electrical and communication deployments nationwide, we specialize in the strategic planning and meticulous coordination of rollout projects, delivering value for money solutions. Our comprehensive resources make us your go-to partner for a seamless experience.

Over the years, we have successfully delivered electrical and communication rollouts for clients including McDonald's, Fujitsu, Aristocrat, Westfields, the Australian Defence Force, the Department of Education and Training, and numerous universities.

At Stowe Australia, our unwavering commitment extends to achieving exceptional safety performance uniformly across our network of offices. This means you can have peace of mind knowing that your forthcoming rollout will not only be a success, but will also be executed safely, and in an environmentally responsible way.



AV & SECURITY SYSTEMS

The **know-how** to engineer your AV and Security systems.



Western Sydney Stadium



COMPLIANCE & INTEGRITY AUDITS

Our team of specialists can design and build **AV and security systems**, and offer an extensive level of experience across almost all of the reputable brands.

We possess the expertise to engineer your AV systems and proficiently manage the design, installation, and maintenance of your security and access control systems. Our installations adhere to the highest industry standards and are consistently updated with the latest technology and tools. Additionally, we offer routine maintenance services, as well as the capability to diagnose and rectify faults in both AV and security systems, with the added convenience of round-the-clock 24/7 support.



HIGHLIGHTED PROJECTS	VALUE	CLIENT
Mackay Northern Beaches Fully integrated audio visual system.	380K	FKG Group
Arthur Gorrie Correctional Centre PSSU2 upgrade.	3M	Q Build
Queens Wharf Project Gallagher access control, CCTV and intercom.	3M+	Honeywell
BHP Access Control Upgrade Gallagher upgrade.	200K	FDC

We offer the confidence that your business is operating in an **electrically safe manner**.

It is imperative to demonstrate your commitment to safe operations and adherence to relevant regulations. Electrical safety and integrity audits serve as a means to validate compliance with regulatory, industry, product, and client standards. Furthermore, they provide the assurance that your business is conducting its operations in a safe electrical environment.

Stowe Australia conducts a comprehensive range of electrical safety and compliance audits for various electrical assets. These audits encompass diverse elements such as power factor correction units, portable appliance integrity testing, generator assessments, switchgear evaluations, lighting control systems, lux level assessments, high voltage installations, and hazardous area equipment.

Additionally, integrity testing is available for your incoming power supply, enabling the assessment of remaining life for high voltage network cables and transformers.

Equally crucial to equipment functionality is the fulfillment of your duty of care regarding electrical safety, which regular audits and inspections help ensure.



RENEWABLE ENERGY SOLUTIONS

We design & construct fit for purpose **clean energy** solutions.

With the world following through on their **climate change commitments**, there has been huge growth in the renewable energy sector.



Griffith University Solar Roofing

Stowe Australia is **committed to a sustainable future** by providing fit for purpose, clean energy solutions.

Our experts specialize in designing and implementing highly efficient and innovative renewable energy solutions, enabling your business to make a meaningful contribution to a sustainable future. We provide a comprehensive range of renewable energy services, including:

- EV Charging stations
- Solar panel solutions
- Renewable in-building energy solutions
- Off grid system design and installation
- Renewable energy solutions in manufacturing plants
- Bioenergy & Hydropower solutions
- Hybrid Technologies
- Bus Network solutions
- Battery power solutions
- Energy Metering and power quality analysis



HIGHLIGHTED PROJECTS

Ivanhoe Bus Depot
Installation of 14 x EV chargers

VALUE CLIENT

1.5M+ Zenobe

EV Charging Stations
HV design and install numerous EV chargers.

250K+ NRMA

Tesla Superchargers
HV design and install multiple EV superchargers along the East Coast of Australia.

1M+ Tesla

Griffith University
450kW solar array (>1300 panels) with hydrogen fuel cells, electrolyzers and batteries.

10M+ Watpac

CIVIL WORKS

We have the **resources,** plant, equipment & **capability.**



Stowe's Vacuum Excavation Truck

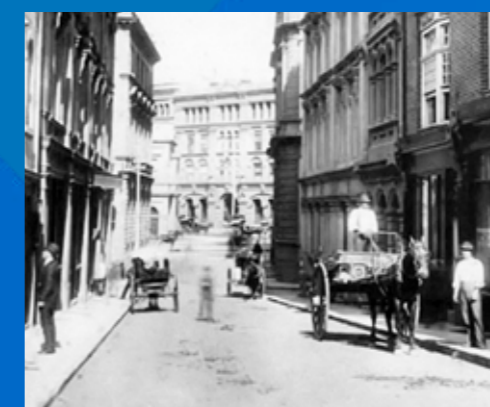
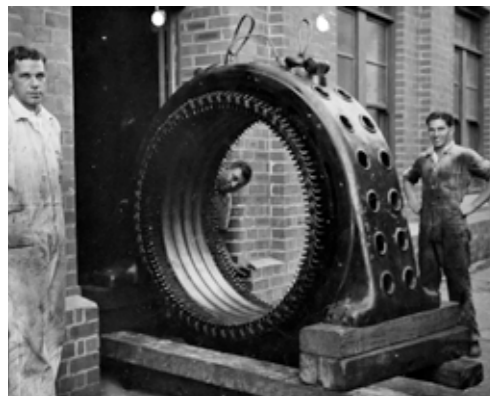
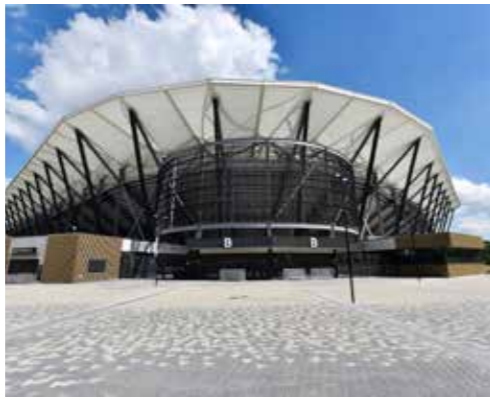
With a **fleet of excavators, tippers and hydro excavators**, we have the in-house expertise to manage our own service trenching, potholing and non-destructive digging.

Directly managing our fleet of machinery and equipment gives us complete autonomy over resource allocation. Consequently, we are less vulnerable to project delays stemming from subcontractor availability issues.

Our teams possess the expertise to deliver civil services across various disciplines, spanning electricity, gas, water, and combined services trenching. Our comprehensive civil services capture a wide array of offerings, including traffic and pedestrian management, service locating, potholing, non-destructive digging, substation foundations, manhole construction, ragbolt installation, and spoil removal.

An extensive fleet of our own **trucks, plant and equipment.**





AUSTRALIA
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ELECTRICAL AND COMMUNICATIONS CONTRACTORS SINCE 1910



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Wallsend NSW 2287

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Taree, NSW 2430

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Nowra NSW 2541

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AUSTRALIA
SINCE 1910

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ELECTRICAL AND COMMUNICATIONS CONTRACTORS | **SINCE 1910**

ELECTRICAL CONTRACTOR LICENCES - NSW Electrical Licence EC114; VIC Electrical Licence 12880; QLD Electrical Licence 12563; WA Electrical Licence EC012112; ACT Electrical Licence 19812208; SA Electrical Licence PGE 172418; NT Electrical Licence C2609; TAS Electrical Licence 949883.