

AUSPOWER HVPS

2026

Capability Statement

Presented By: Auspower HVPS

CUSTOM MV & LV ELECTRICAL INFRASTRUCTURE SPECIALISTS
DESIGN | MANUFACTURE | INSTALL | COMMISSION | MAINTAIN



SPECIALIST HV & LV ELECTRICAL SERVICES
DELIVERED FROM CONCEPT TO ENERGISATION.

Auspower HVPS delivers specialist medium and low voltage electrical solutions for industrial, commercial and critical infrastructure projects across Australia.

Our core capability is the design and manufacture of custom-engineered electrical infrastructure, including LV switchboards, MV kiosk substations and transportable switchrooms, built to meet specific client and site requirements.

We support projects end-to-end, from concept design and engineering through to manufacture, installation, commissioning and ongoing asset maintenance.

Auspower HVPS provides practical, turnkey power distribution solutions for heavy industrial environments, where reliability, high current capacity, robust construction and technically sound delivery are critical.

CORE CAPABILITIES

- Medium to low voltage power distribution systems
- LV switchboards and motor control centres
- MV kiosk substations
- Transportable switchrooms
- MV equipment supply, installation and maintenance
- Transformer refurbishment
- Earthing system design and installation
- Commissioning and maintenance support

DESIGN / BUILD / ENERGISE

HIGH VOLTAGE
POWER SOLUTIONS

RELIABILITY /

BUILT ON EXPERIENCE DRIVEN BY PERFORMANCE

Auspower HVPS was established in 2016 when Bob Bell of HVPS and John Arthur of Auspower Constructions joined forces, bringing together more than 70 years of combined industry experience in electrical infrastructure, manufacturing and project delivery. Together, they built a business founded on quality workmanship, technical expertise and a commitment to delivering reliable power solutions.

Over the following years, the business expanded its capabilities across medium-voltage substations, transformer solutions, switchboards and industrial power infrastructure, earning a reputation for practical engineering, dependable project delivery and strong client relationships. Following Bob's passing in 2021, leadership of the business transitioned to Ryan and Heidi Bell, ensuring continuity of the values, standards and customer-focused approach on which the company was built.

In 2025, Ryan and Heidi acquired full ownership of the business, strengthening Auspower HVPS as a proudly Australian-owned and family-operated company focused on delivering reliable power infrastructure solutions for industrial and critical operating environments.

Today, Auspower HVPS combines specialist engineering expertise, in-house manufacturing and proven project delivery capability to provide end-to-end power infrastructure solutions. From concept and design through to installation, commissioning and ongoing asset support, we remain committed to the principles on which the business was founded: quality, accountability, technical excellence and safety.

Founder Bob Bell

+ 33.8686° S, 151.2093° E

LOW VOLTAGE SWITCHBOARDS

- + Auspower HVPS designs, manufactures, installs and commissions custom LV switchboards for heavy industrial and commercial applications.

All switchboards are built in accordance with AS/NZS 61439 and engineered for demanding environments, with current ratings up to 10,000A and fault ratings up to 100kA.

Our capability covers main switchboards, distribution boards, motor control centres and outdoor switchboards, with all systems engineered to suit site-specific operational and environmental requirements. From small distribution applications through to large, high current industrial systems, we deliver reliable, purpose-built solutions.

End-user safety is at the core of every switchboard we design and manufacture.

SWITCHBOARD SERVICES

- Main switchboards
- Distribution boards
- Motor control centres
- Power factor correction systems
- Arc flash hazard analysis
- Arc detection and safety systems
- Gas suppression and fire detection systems
- Switchboard upgrades and modifications
- Site commissioning
- Maintenance

Auspower HVPS also designs and constructs transportable switchrooms and modular electrical rooms to suit client-specific applications. These solutions are ideal for industrial sites requiring rapid deployment, high reliability, controlled equipment environments and reduced installation time on site.

Switchrooms can be constructed with integrated fire protection systems, including up to 2-hour fire ratings, and can accommodate both Auspower HVPS-built equipment and client-supplied assets for full installation and integration.

MEDIUM VOLTAGE SYSTEMS

MEDIUM VOLTAGE SERVICES INCLUDE:

- MV kiosk substations (fully custom-engineered)
- Outdoor transformer yard substations
- Transformer supply and installation
- Transformer field repair, maintenance and refurbishment
- Earthing systems and site installation
- Commissioning and ongoing support

Auspower HVPS delivers complete kiosk substation solutions incorporating medium voltage equipment, transformers, LV switchboards, enclosure systems, earthing and commissioning. All enclosure systems and LV switchboards are designed and manufactured in-house, ensuring full quality control, integration and consistency across every project.

Our kiosk substations are fully customisable and engineered to meet project-specific requirements, including integration of both dry-type and oil-filled transformers, along with any client-specified equipment or configuration. Systems are suited to new installations, upgrades, high current industrial applications and substation replacement projects.

In addition to packaged kiosk solutions, Auspower HVPS delivers outdoor transformer yard substations, providing flexible solutions for sites requiring open or hybrid substation arrangements.

We also offer complete transformer services, including field repair and maintenance, as well as full transformer refurbishment to extend asset life and performance.



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EARTHING SYSTEMS

EARTHING SERVICES INCLUDE:

- Earth grid installation and upgrades
- Ground resistance and resistivity testing
- Step and touch potential testing
- Verification of design

Auspower HVPS delivers earthing system design, installation, testing and verification for substations, switchrooms and industrial electrical infrastructure.

Effective earthing is critical to safety, protection system performance and the reliable operation of medium and low voltage assets.

We provide practical, compliant solutions for new installations, upgrades, substation replacements and maintenance programs.

Our capability includes specialist installation methods, supported by in-house equipment for efficient and consistent earth grid installation across varying site conditions.

MAINTENANCE & TESTING

- + Auspower HVPS delivers comprehensive testing, commissioning, maintenance and diagnostic services across medium and low voltage systems, transformers and associated infrastructure.
- + Our capability supports new installations, upgrades, fault finding and ongoing asset management, helping clients improve reliability, reduce unplanned outages and maintain safe operation of critical electrical infrastructure. We provide both scheduled and responsive services, backed by practical field experience, proven test methods and clear, actionable reporting.

TESTING AND DIAGNOSTIC SERVICES INCLUDE:

- High voltage (hipot) testing
- Insulation resistance testing
- Transformer turns ratio (TTR) testing
- Winding resistance testing
- Sweep frequency response analysis (SFRA)
- Tan delta testing
- Oil diagnostics, including onsite DGA
- Protection relay testing (primary and secondary injection)
- Switchgear testing
- Earth grid testing, including resistivity and step and touch potential
- Commissioning testing and energisation support
- Fault finding and diagnostic investigations
- Test reports and engineering recommendations

MAINTENANCE SERVICES INCLUDE:

- Preventative and scheduled maintenance
- Legislative and compliance maintenance support
- Electrical inspections and asset condition assessments
- HV and LV switchgear maintenance
- Transformer testing, maintenance and servicing
- Protection system configuration and programming
- Fault finding and troubleshooting
- Breakdown response and site support
- Asset condition reporting and lifecycle recommendations

SYSTEMS

PROJECT DELIVERY APPROACH

Auspower HVPS delivers projects through a practical, hands-on approach focused on safety, reliability and technically sound outcomes.

As a specialist manufacturer, we design and build much of the equipment we install, providing fully integrated solutions with complete control over quality, performance and delivery. Our approach prioritises doing the job properly, selecting fit-for-purpose solutions and delivering long-term reliability in demanding environments.

UNDERSTAND SITE REQUIREMENTS

We assess client operational requirements, existing infrastructure, site conditions and project objectives to establish a clear technical and delivery scope.

DEVELOP THE RIGHT SOLUTION

We define the most appropriate technical solution, including custom-engineered equipment where required, considering safety, compliance, constructability, and future expansion requirements.

PLAN AND PREPARE

We coordinate design documentation, in-house manufacturing, project staging, labour, equipment, access and shutdown requirements to ensure efficient execution.

DELIVER SAFELY AND EFFICIENTLY

Our qualified team installs and integrates equipment with a strong focus on safety, quality and clear communication, minimising operational disruption wherever possible.

TEST, COMMISSION AND HANDOVER

We complete testing, commissioning and documentation to verify system performance and ensure a smooth, compliant handover for operation.



PROJECT EXPERIENCE

Auspower HVPS has delivered custom electrical infrastructure for major industrial and critical power clients across Australia.

SYDNEY AIRPORT SUB Q & R

Auspower HVPS has delivered custom HV kiosk solutions for Sydney Airport Sub Q & R, demonstrating capability in regulated infrastructure environments requiring reliable, compliant and project-specific medium-voltage and low-voltage equipment.

VISY GLASS YATALA, BRISBANE

Design and construction of a 16.2m x 5.2m transportable switchroom, including LV switchboard, 2-hour fire rating and installation of customer-supplied panels. Auspower HVPS also supported the LV and HV protection scheme design.

SNACK BRANDS ORCHARD HILLS

Supply of seven HV kiosks with transformers and LV switchboards, including 1MVA, 1.6MVA, 2MVA and 2.5MVA kiosk systems. The project was delivered from order to site supply within a 34-week programme.

VISY BEVCAN SMITHFIELD

Supply and installation of two 3MVA dry-type transformers in enclosures, two 20ft portable switchrooms with 2-hour fire rating, two 4000A 65kA main switchboards and 5000A busway connections. The project was later extended to include four motor control centres for a new process line.

VISY PAPER CAMPBELLFIELD, VICTORIA

Construction of a 29m x 4m transportable fire-rated switchroom, including a 690VAC main LV switchboard / motor control centre and installation of supplied equipment within the room.

VISY MATERIALS RECYCLING SMITHFIELD

Supply and installation of a 2MVA kiosk with LV switchboard, including site installation, earthing and replacement of an existing substation.

VISY PLASTICS INGLEBURN

Supply and installation of a substation including one main 11kV MSB, three 2MVA 11/0.433kV transformers, one 2MVA 11/3.3kV transformer, 3.3kV MSB and three 3200A main switchboards.

VISY SYDNEY PLANTS

Ongoing maintenance support for HV and main LV distribution networks across multiple Visy sites, including breakdown response and replacement of failed HV switchgear within critical timeframes.

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ENGINEERED FOR PERFORMANCE BUILT FOR RELIABILITY

At Auspower HVPS, we combine specialist engineering expertise with proven project delivery capability to provide reliable power infrastructure solutions for Australia's most demanding environments. From medium-voltage networks and transformer systems to custom switchboards, kiosks and portable switchrooms, we deliver integrated solutions that prioritise performance, reliability and long-term asset value.

With in-house engineering, manufacturing and project execution, we maintain control over every stage of delivery, ensuring the highest standards of quality, safety and technical excellence.

TRUSTED ACROSS ESSENTIAL INDUSTRIES

- Mining & Resources
- Industrial Manufacturing
- Transport & Rail Infrastructure
- Data Centres
- Food & Beverage Processing
- Resource Recovery
- Snack Brands
- Real Pet Foods

TRUSTED BY

- Visy
- Lactalis
- Snack Brands Australia
- Real Pet Food Company
- Vinindex
- Modcol
- Rexel

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DELIVERING CONFIDENCE IN EVERY CONNECTION

Auspower HVPS partners with clients to deliver reliable, high-performance power infrastructure for demanding industrial environments.

From concept and design through to manufacturing, installation and commissioning, we provide specialist solutions backed by technical expertise, quality workmanship and dependable project delivery.



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