



**Powering Australia's
Energy Solutions**



About Us

MVLV Power Solutions is Western Australia's leading specialist in the design and manufacture of switchboards, kiosk substations and switchrooms.

Driven by a passion to understand our clients' needs, we strive to deliver fit-for-purpose solutions that provide the very best in safety, functionality and value.

We work with our partners to deliver custom turnkey solutions designed for the Australian and international markets, so our clients can be confident their products comply with the latest national and international standards.

At MVLV Power Solutions, we pride ourselves on honesty, integrity and client satisfaction. Our engineers and tradespeople are hand-picked to ensure the highest standard of conduct and workmanship leads to the best solution, every time. There's never a job too hard for the MVLV team.

MVLV Power Solutions is a proud member of the Pacific Energy group, an Australian-owned market leader in the end-to-end delivery of sustainable power generation solutions.



Our Values

Customer

Our customers are at the heart of everything we do. We strive to deliver fit-for-purpose outcomes that focus on safety, functionality and value.

Integrity

We ensure our people feel respected and supported by our business, every day. We trust our people to act with honesty and integrity in every job they do.

Innovation

We are committed to continuous improvement and innovation to ensure we always deliver effective, market-leading solutions.

Safety

Our zero-harm policy is backed by regular training, best-practice planning and thorough risk assessment. It is our priority that our people and our customers get home safe every day.



Our Safety Commitment

At MVLV Power Solutions, we pride ourselves on our exceptional safety record.

Our health and safety policies conform to Australian and international standards and are reviewed regularly to ensure we continue to meet the highest standards.

Our people are trained in best-practice risk assessment and hazard identification processes and undergo competency assessments to ensure they understand our safety procedures and expectations.

We are committed to maintaining our excellent safety record, supplying quality products and minimising our environmental impact, and we demonstrate this commitment through our certification in the following:

- ISO 45001:2018 Occupational Health & Safety Management Systems
- ISO 9001:2015 Quality Management Systems
- ISO 14001:2015 Environmental Management Systems

Our Products and Expertise

We offer a wide range of bespoke products and expert services that enable us to deliver end-to-end power solutions to clients from across the mining, utilities and industrial sectors.

Every solution is designed to meet our clients' unique needs, with a focus on safety, functionality and value.



Engineering Solutions

Our team of qualified engineers and tradespeople has proven experience designing and implementing innovative automation solutions, from concept to completion, and can expertly guide our clients on standards, integration processes and industry best practice.

We provide programming and system integration for a broad range of SCADA applications,

from simple remote input/output to complex process control and automation for the resources industry.

At MVLV Power Solutions, we understand that automation and process control technologies are becoming increasingly complex, and that's why we are committed to working with our clients every step of the way.



Low-Voltage Switchgear

MVLV Power Solutions is proud to deliver the L Series motor control centre, a customisable low-voltage solution that has been designed and type-tested to the international low-voltage switchgear standard and is manufactured right here in Western Australia.

The L series switchgear and control gear assemblies are designed to be multipurpose, with interchangeable and customisable feeders and modules that allow us to meet any need. Find out more about the L series testing, ratings and certifications on our website at mvlv.com.au.



Medium-Voltage AMS Switchgear

Air-insulated metal-clad switchgear (AMS) can be used in power distribution systems for power plants, utilities and industrial purposes with transformers, motors and capacitor banks and more.

MVLV Power Solutions designs and engineers switchgear solutions using the full range of Leistung Energie switchgear, which is type-tested for the Australian market and is rated and designed for

voltages of 3.6kV to 40.5kV and up to 2500Amps.

Leistung Energie's AMS switchgear is designed in Germany, fully metal-clad, air-insulated, arc-proof and has a compact and safe design. The LV control chambers are designed to suit all brands of protection and control relay equipment and can be customised to meet any client's needs.



Medium-Voltage Ring Main Units

MVLV Power Solutions has partnered with Leistung Energie to supply ring main units (RMU) that are type-tested for the Australian market and rated for voltages from 12kV to 36kV with standard 630A busbar currents.

LEISTUNG
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With the flexibility of multiple configurations, these units are perfect for compact kiosk substations and come with SF6 gas to help extinguish electrical arcs and offer enhanced operator and equipment protection.



Transportable Switchrooms

MVLV Power Solutions delivers switchrooms for control and power distribution applications in the mining, utilities and industrial sectors.

Our transportable switchrooms are custom designed to meet client specifications, including structural and transport requirements, size restrictions, fire ratings,

environmental conditions and special access needs.

All of our switchrooms are assembled, tested and commissioned at our Perth-based facilities, which helps us to minimise transport and installation times and site work.



Kiosk Substations

Our modular kiosk substations house a variety of medium and low-voltage equipment in a compact, cyclone-proof enclosure that is certified to AS1170 Wind Region D (Cyclonic).

We assemble all kiosk substations in our Perth-based facilities and undertake extensive testing before site deployment to minimise on-site disruptions and costs.

The design of our modular kiosk substations allows for flexibility in sizing, layout, application, inspection and maintenance, which makes them the perfect solution for clients across the mining, utilities and industrial sectors.



Turnkey Projects

At MVLV Power Solutions, we take pride in delivering turnkey projects that meet the highest standards of quality and safety on time and under budget.

Our wide range of services and trusted industry partnerships mean we can deliver end-to-end project support, from project management, engineering, supply and installation to maintenance and ongoing field support.

Our quality management systems and policies and strong focus on safety ensure our clients receive the best possible outcomes, every time.

For more information on any of our custom solutions, please visit our website at mvlv.com.au or contact us for a detailed product brochure.



Services

Our expert engineers and tradespeople are trained to deliver the highest quality electrical repairs, upgrades and maintenance to ensure clients get the best out of their MVLV and third-party supplied equipment.

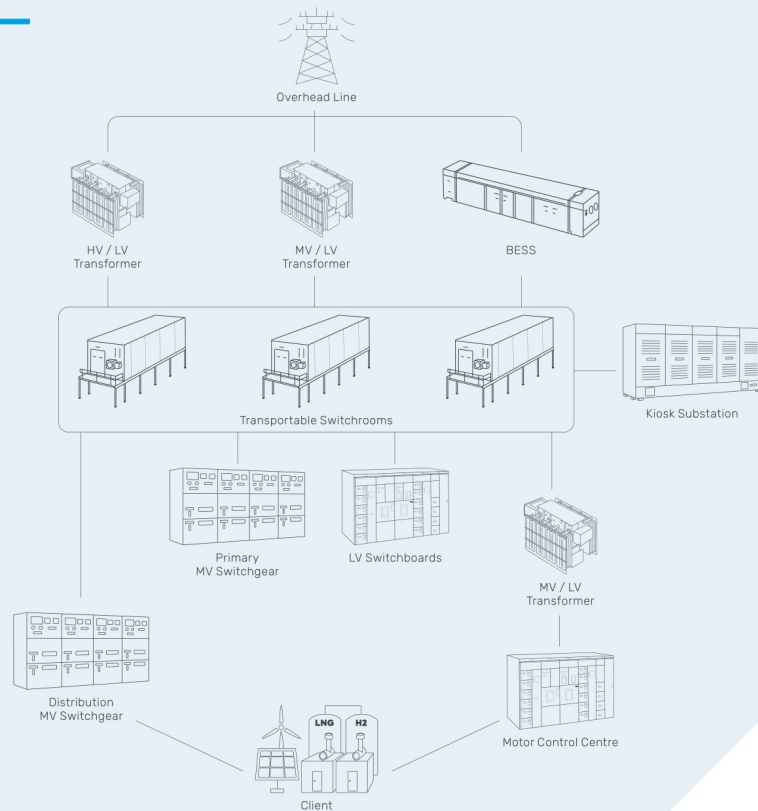
We service all makes and models and our skilled team can retrofit and custom manufacture solutions for specialised and end-of-life equipment.

Some of the services we offer include:

- AC and DC contactors and breakers
- Certification of new and old equipment
- Transfer switches
- Locomotive controllers
- Reactors
- Air dryers
- Fibre optic cable joints and repairs
- Injection testing
- Hipot testing
- Induction testing (up to 5000A)
- Wave calibration to manufacturers' specifications



End-to-End Capabilities



Our Facility

Our 6,000m² Kewdale-based facility is well equipped to meet the growing demand for our locally designed and manufactured switchboards, kiosk substations, transportable switchrooms and control rooms.

The facility is home to a 2,400m² workshop, 3,000m² of yard space and a large office and design area.

The workshop is equipped with overhead cranes and in-house commissioning and testing facilities that enable us to deliver solutions that are made in WA and provide our customers with the very best in safety and functionality.



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