



CAPABILITY **STATEMENT**

2025



All Gen Solutions Pty Ltd

ABN: 48 620 845 552

ACN: 620 845 552

Licence: PGE 283567



COMPANY DETAILS

6 ROSEWORTHY ROAD, ROSEWORTHY SOUTH AUSTALIA 5371

Email: office@allgensolution.com.au

Local Manufacture: Yes

Website: allgensolutions.com.au

Foreign Manufacture: No

ICN Gateway Business ID: 1407260

Importer: No

Employees: 25

Exporter: Yes

ABN: 48 620 845 552

ACN: 620 845 552

Works in Remote Locations: Yes

PO Box: PO Box 371
Roseworthy SA 5371



OUR COMPANY

Powering the Future with Innovation & Sustainability



At **All Gen Solutions**, we are an award-winning family run business powering regional Australia.

We are setting **new industry standards** by delivering more than just generator solutions—offering complete, **end-to-end services** from **Engineering Consultancy**, **Project Management** to **Commissioning**, that go beyond expectations.

As industry leaders in custom off-grid sustainable solutions, we specialize in cutting-edge, reliable, and eco-friendly power generation.

Our Expertise:

We provide tailored power solutions for:

- ◆ **Grid Support** – Ensuring seamless energy stability
- ◆ **Remote Power** – Reliable power in off-grid locations
- ◆ **Agri-Business** – Sustainable energy for agricultural operations
- ◆ **Solar Hybrid** – Smart, eco-friendly hybrid power systems
- ◆ **Stand-by Power** – Uninterrupted backup power when you need it most
- ◆ **Service & Repair** – Expert maintenance for long-term reliability

From **innovative hybrid solutions** to dependable **backup power**, we deliver efficiency, sustainability, and peace of mind.



MEET OUR MANAGEMENT TEAM



Adam Lillecrapp **Director**

Adam is a self-made industry leader. His experience across domestic, commercial and industrial electrical, predominantly in power generation and industrial automation control systems. Adam's vast technical knowledge and strategic leadership has driven All Gen Solutions to significant growth.



Ted Vernon **Chief Operating Officer**

Ted is an executive leader with international experience developing and executing cutting-edge innovative strategies that drive business development. He has experience managing global industrial businesses in mining, transport and defence sectors.



Carter Murray **Operations Manager**

Carter is a qualified Electrician with vast experience in the industrial sector. He is an integral part of the project management team, managing the execution and the logistics of all our projects.



Stephen Moules **Engineering Manager**

Stephen is a very experienced Control Systems Engineer and Project Delivery Specialist with over 30 years experience in the Electrical field and Mining sector in Power System Design, Installation and Upgrades. Steve has a passion for renewable power and green energy and loves to use his skills in the evolution of Electrical Power Generation and Distribution.

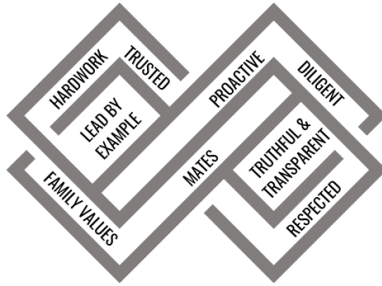


OUR CORE VALUES

ALL GEN SOLUTIONS

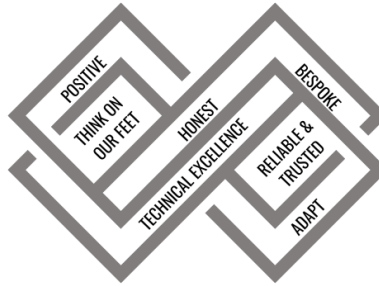
Unity & Teamwork

We work together as one team and support each other to achieve our common goals.



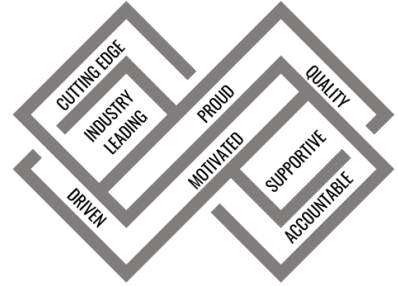
Quality & Pride

We take immense pride in our work, striving for excellence and ensuring the delivery of dependable, high-quality solutions every time.



Safety & Well-being

We prioritise the safety, health and well-being of our team and our environment reflects a sense of family.



Integrity & Transparency

We foster trust through open and honest communication.

Learning & Mentoring

We focus on continuous growth, improving ourselves and supporting the development of others through mentoring.

Intentional

We are driven and purposeful in our commitment to deliver impactful results.



OUR MISSION

Our mission is to be the leading provider of custom innovative off-grid power solutions, empowering remote communities with reliable, sustainable energy.



END-TO-END PROJECT MANAGEMENT

"All Gen Solutions is the industry's one-stop shop, delivering seamless, end-to-end solutions that surpass standard capabilities. From construction and civil to service and maintenance, our comprehensive approach is unmatched—redefining what's possible in an industry where such all-inclusive service is virtually unheard of."

— Adam Lillecrapp, Owner of All Gen Solutions

At **All Gen Solutions**, we go **beyond generators**—offering **comprehensive, end-to-end solutions** that set new benchmarks in the industry.

From **advisory and consultancy** to **site preparation, civil works, construction, installation, commissioning**, and long-term **maintenance**, we provide comprehensive **project management**, overseeing every aspect of power generation and infrastructure to ensure seamless execution and long-term reliability.

Our Capabilities

Power Generation & Electrical Solutions

- **Diesel Generators** (10kVA – 3000kVA)
- **Super Silenced models** (as low as 60dBA @ 1m)
- **High Voltage Design & Installation** (HV) systems (1000V to 33kV)
- **Integrated Load Banks & Containerised Fuel Systems**
- **Crude Run & Heavy-Duty Generators** for extreme environments
- **Australian-Built & Cost-Sensitive** options as required

End-to-End Civil & Construction Services

- **Full civil works** for generator installation
- **Concrete slabs, footings, structural supports**
- **Complete site preparation & earthworks**
- **Building construction & modifications**

Ongoing Service & Maintenance

- **Engine servicing & mechanical maintenance**
- **Remote area & industrial installation expertise**
- **Comprehensive electrical, plumbing & mechanical services**

Advanced Engineering & Automation

Our cutting-edge engineering division offers state-of-the-art solutions, ensuring maximum efficiency, reliability, and innovation:

- **Control System Design & Automation**
- **PLC Programming & Complex Control Systems**
- **SCADA System Integration**
- **HV/LV Protection Systems Design, Programming & Testing**
- **Mechanical & Civil Drafting**
- **Static & Dynamic Analysis for Embedded Generation**
- **Electric Vehicle Charging Stations design, installation and commissioning**



OUR CAPABILITIES



Industries Serviced

- Clean Energy
- Defence
- Mining
- Oil, Gas & Energy
- Rail
- Agriculture Sector



Our Facilities

- Head Office
- Workshop
- Yard/Hard Stand
- Load Banks
- Crane, Trucks & Excavation equipment
- All Terrain Mobile Service Vehicles
- Supporting Mobile Equipment



Accreditation

- NECA
- CM3

OUR KEY PARTNERS





CORE COMPETENCIES

- Design
- Engineering
- Service
- Remote Support
- Installations
- Electrical Engineering
- Onsite Project Delivery
- Maintenance
- Grid Support
- Commissioning
- System Design
- Project Management
- Civil / Construction
- Fuel Systems
- Monitoring



COMPLETED PROJECTS

Year: 2025 | Value \$5 million

Regional Australia Power Station

All Gen Solutions successfully delivered a turnkey power solution for an entire regional Australian community, replacing a decommissioned power station with a state-of-the-art solar hybrid power station.

From initial planning to final commissioning, we managed the entire project, ensuring a seamless transition to a reliable, sustainable power source.

Our end-to-end project management covered every aspect, including:

- **Site Preparation & Civil Works** – Compound fencing, earthworks, and foundational construction
- **Infrastructure & Construction** – Shed erection, structural installations, and electrical fit-out
- **Custom Power Generation** – Purpose-built generator sets designed for hybrid integration
- **Advanced Hybrid Switch Room** – Custom-built for optimal performance and reliability
- **Renewable Energy Integration** – A fully integrated system comprising solar, battery storage, and diesel generation for continuous, stable power

This project showcases All Gen Solutions' full-spectrum expertise, delivering seamless project management and end-to-end power solutions that redefine industry standards.



COMPLETED PROJECTS

Year: 2024 | Value \$3.5million
Central Power House

All Gen Solutions was contracted to undertake a comprehensive overhaul and upgrade of a standby backup power station.



This project involved the following key activities:

- **Generator Overhaul** – Overhauled 2 x 3516 CAT containerized 2000kVA generators, ensuring optimal performance and reliability
- **Muffler Installation** – Installed new residential mufflers to reduce noise levels and meet operational standards
- **Switchroom Reconstruction** – Rebuilt the 8MVA 33kV switchroom to enhance capacity and efficiency
- **Design, Built & Commission** - Generator and HV breaker control system, Power Factor & Protection Systems. Installed and programmed generator control system, power factor correction and SEL protection relays in the control room for improved power management and system protection
- **Civil Works** – Completed site preparation, including footings, conduits, and other infrastructure requirements
- **Transport & Installation** – Managed the transportation of equipment to site, followed by the installation of generators, switchroom, and integration into the existing distribution network
- **RTU and SCADA**- design and installation

The successful execution of this project demonstrates All Gen Solutions' expertise in large-scale electrical infrastructure, providing a reliable backup power solution through comprehensive planning, installation, and integration.



COMPLETED PROJECTS

Year: 2021 | Value \$500,000
Northern Interest Pty Ltd

All Gen Solutions successfully delivered a comprehensive electrification upgrade for Northern Interest Pty Ltd at Marla Roadhouse, enhancing the power infrastructure of this off-grid township.

Our team engineered and implemented a tailored solution that maximized existing assets while integrating advanced technology for improved efficiency and future scalability.

The project involved repurposing two existing 160kVA Hino generators, integrating a new 440kVA MTU generator, and incorporating a hybrid switchboard with ComAp generator controls to support future solar and battery storage integration.

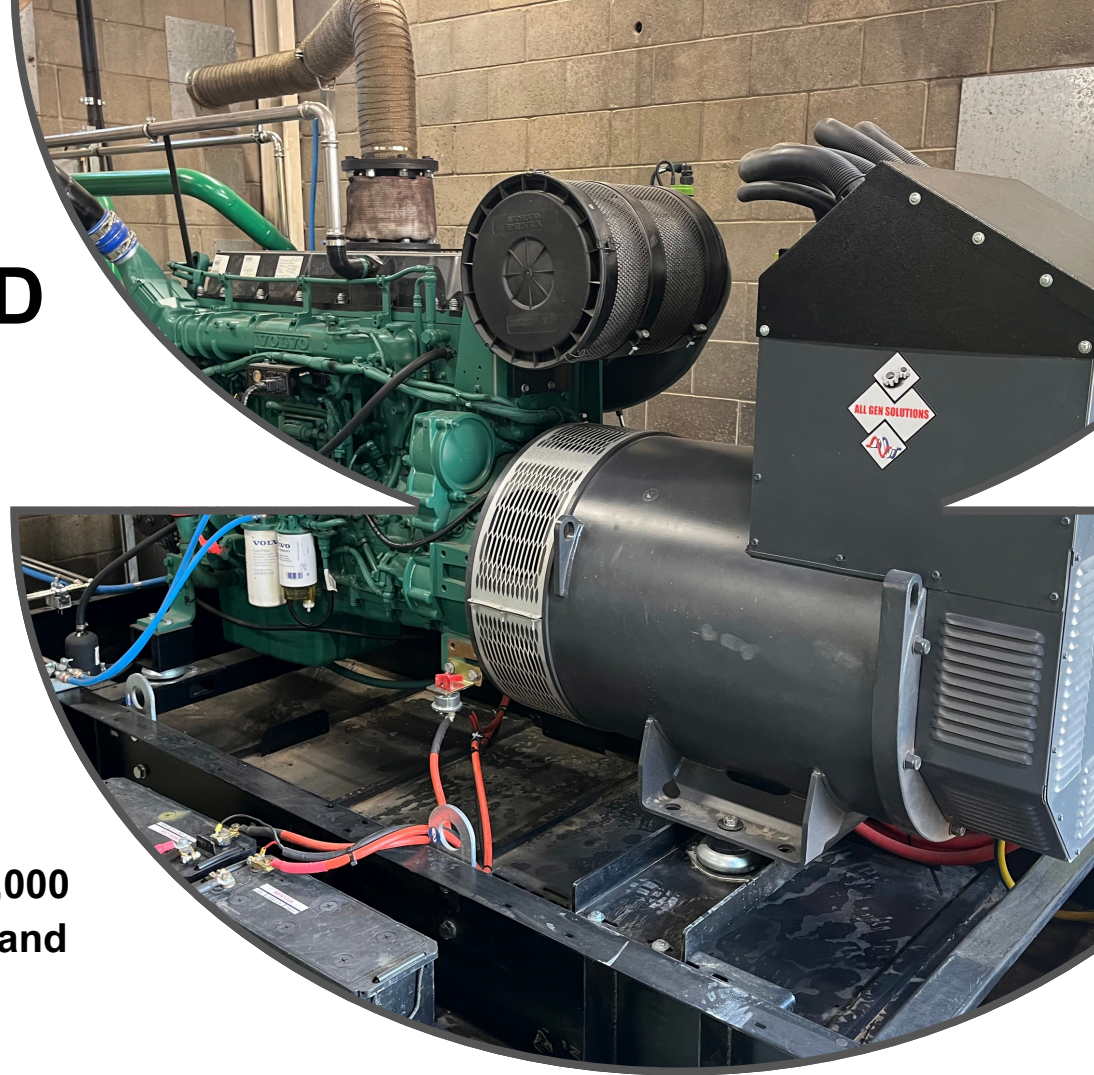
Our end-to-end project scope included:

- **Engineering Consultancy & Project Management** - Client requirement consultation, advisory and end to end project management
- **Engineering & Design** – Developing a robust and scalable power solution
- **Supply & Installation** – Delivering high-quality equipment and seamless integration
- **Hybrid System Integration** – Implementing intelligent controls for optimized performance
- **Ongoing Management** – Ensuring long-term reliability and efficiency

This project underscores All Gen Solutions' expertise in off-grid power solutions, providing reliable, efficient, and future-ready electrification for remote communities.

COMPLETED PROJECTS

Year: 2024 | Value \$470,000
Department for Energy and Mining



All Gen Solutions successfully delivered the end-to-end replacement of the Yalata Powerhouse, ensuring a seamless transition to a more efficient and reliable power generation system.

The project featured the installation of Pramac GSW510 gensets equipped with ECO40-2L4C upsized alternators, enhancing performance and long-term reliability.

Our comprehensive scope of work included:

- **Cooling System Upgrades** – Installation of new cooling towers, exhaust systems, and cooling & charge pipe assemblies
- **Factory Commissioning & Testing** – Full Factory Acceptance Testing (FAT) and compliance documentation to ensure operational excellence
- **End-to-End Replacement & Logistics** – Safe removal and off-site freight of decommissioned units, delivering a complete turnkey solution

By managing the entire process—from design and installation to decommissioning and logistics—All Gen Solutions provided a seamless, efficient, and fully integrated power solution, reinforcing our expertise in critical infrastructure projects.

COMPLETED PROJECTS

Year: 2021 | Value \$800,000
**Thomas Foods International
Feedlot Pty Ltd**

All Gen Solutions successfully delivered a comprehensive power infrastructure upgrade at the Iranda Beef Power Station, enhancing reliability and efficiency for Thomas Foods International Feedlot Pty Ltd.

The project involved the installation of a new diesel power station, featuring four MTU 440kVA generators with ComAp controls and a modern main distribution switchboard.



Our end-to-end service delivery included:

- **Engineering Consultancy & Project Management** - Client requirement consultation, advisory and end to end project management
- **Engineering & Design** – Developing a robust and scalable power solution
- **Supply & Installation** – Seamless integration of new generation assets and control systems
- **Advanced Power Management** – Optimized distribution and automation for peak efficiency
- **Ongoing Site Management** – Ensuring long-term reliability and operational continuity

This upgrade provided a stable, efficient, and future-ready energy solution, supporting seamless operations and uninterrupted production for the facility.



COMPLETED PROJECTS

Year: 2022 | Value \$500,000

Oak Valley Generator Replacement

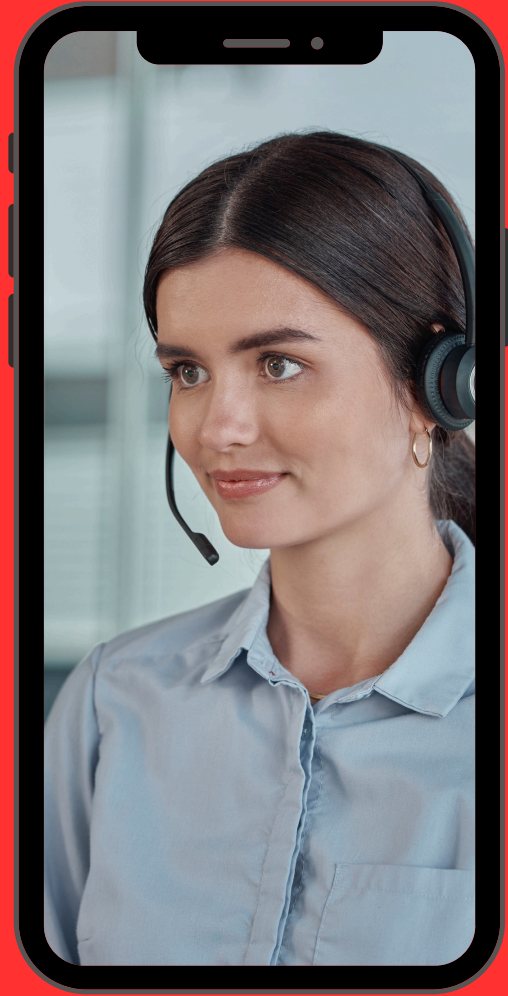
All Gen Solutions was engaged by the Department for Energy and Mining (SA) to deliver a critical upgrade to the Oak Valley Power Station. The project involved the complete electrical design, supply, delivery, and installation of three new diesel generators.

We successfully installed three 150kVA Isuzu/Mecc Alte Diesel Generators, equipped with remote horizontal radiators for optimal performance and cooling. The project, which required meticulous planning, was completed within 10 days of installation and commissioning.

Our scope of work included:

- **Electrical Design & Engineering** – Custom-designed power systems tailored to Oak Valley's requirements
- **Supply & Installation** – Seamless integration of new generation equipment for enhanced reliability
- **Commissioning** – Full system testing to ensure operational excellence
- **Following the successful upgrade**, we continue to provide ongoing power station management, ensuring the power supply remains reliable and efficient for the long term.





CONTACT US

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