



# **M.E.G. ENERGY**

**MECHANICAL | ELECTRICAL | GAS**

CAPABILITY STATEMENT

# Capability Statement



## Company Overview

**M.E.G. ENERGY PTY LTD** is an Australian-owned specialist contractor delivering advanced mechanical, electrical and industrial gas services to critical infrastructure sectors. With proven experience across mining, marine, oil & gas, utilities, and industrial operations, we provide end-to-end support for power generation assets and rotating equipment, including engines, alternators, turbines, battery energy storage systems, and Type B gas installations. Our business was founded to meet the growing need for a **highly skilled, responsive, and technically competent team capable of managing complex assets with minimal downtime and maximum reliability.**

## Core Capabilities

### Mechanical Services

- Rapid response breakdowns on diesel and gas reciprocating engines
- In-situ and workshop-based overhauls, including top-end, mid-life, and full engine rebuilds
- LV/HV mechanical services for on-highway and off-highway vehicles, including mining fleets and power stations
- Fuel system design, installation, testing, and maintenance
- Mechanical commissioning for new installations or refurbished systems
- Vibration analysis and condition monitoring to support predictive maintenance

### Electrical Services

- Licensed electrical contractor services across LV, MV, and HV systems
- Specialist generator, alternator, and control system commissioning
- Temporary power installations, including standalone generator sets and remote power station deployment
- Controller fault finding, repairs, and upgrades for ComAp, Woodward, MTU, Deep Sea Electronics, and Power Command platforms
- Load bank testing, mains failure simulation, and system performance verification
- Battery energy storage system (BESS) servicing and diagnostics, including OEM warranty support

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## Industrial Gas Services

- Type B gas appliance installation, commissioning, and maintenance, including turbines and gas reciprocating engines
- Compliance inspections, annual audits, and regulatory certification
- Emissions testing and reporting to align with environmental standards
- Engine tuning and calibration to manufacturer specifications
- Gas supply system installation and commissioning, including remote fuel storage solutions

## Additional Services

- 24/7 emergency call-out and breakdown assistance
- Labour hire of fully qualified technicians for short or long-term project coverage
- Remote monitoring, diagnostics, and control of critical assets
- Power station operations and maintenance services for isolated or off-grid facilities
- Spare parts procurement, supply, and exchange programs for critical rotating equipment
- Site-based technical training for operators and maintenance personnel

## Technical Expertise

### **Our team comprises:**

- OEM-trained technicians certified across major engine and control system brands
- Gas fitters holding unrestricted I Permit I(a) and I(b) qualifications
- Licensed electricians and instrumentation specialists with deep experience in power generation, process control, and battery storage
- MRB-accredited mechanics qualified for on- and off-highway vehicle repairs

### **We maintain in-house expertise covering:**

- Cummins, MTU, CAT, Perkins, MAN, and other industrial engine platforms
- Alternator technologies, including Leroy-Somer, Stamford, and ABB
- Gas equipment from Algas-SDI, Honeywell, Emerson, Fisher and Maxon
- Control and monitoring systems from ComAp, Woodward, Deep Sea Electronics, and proprietary OEM platforms

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## Industries Served

- Mining and mineral processing
- Marine power and propulsion
- Oil & gas extraction and processing
- Remote communities and off-grid installations
- Heavy industry and manufacturing
- Utilities and backup power infrastructure

## Our Commitment to Safety

Safety underpins every aspect of our operations. We maintain comprehensive systems aligned with:

- AS/NZS electrical and gas standards
- WA Work Health and Safety regulations
- OEM procedures and compliance requirements
- Environmental protection measures, including spill response and emissions management

All technicians undergo regular competency assessments, site inductions, and safety training to ensure a culture of accountability and zero harm.

## Sustainability Initiatives

M.E.G. ENERGY is actively supporting the transition toward lower-emission and renewable technologies, including:

- Battery storage integration
- Hybrid generator systems
- Fuel efficiency optimisation and emissions reductions

We partner with clients to help design, install, and maintain sustainable power solutions that align operational needs with environmental objectives.

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## Differentiators

- Full-spectrum capability covering electrical, mechanical, and gas disciplines in-house
- Highly responsive 24/7 breakdown and support services across regional and remote sites
- Specialist focus on rotating equipment and power generation assets
- Proven experience with large-scale and technically complex installations
- Commitment to transparent communication and proactive reporting
- Strong safety record and regulatory compliance
- Scalable resourcing to support shutdowns, upgrades, and long-term maintenance contracts
- Continuous investment in training, tooling, and diagnostic systems

## Company Details

**Legal Entity:**

M.E.G. ENERGY PTY LTD

**ABN:**

68 562 4542

**Website:**

[www.megenergy.com.au](http://www.megenergy.com.au)

**Email:**

admin@megenergy.com.au

**24/7 Support:**

(08) 9471 9058

**Location:**

WA-based, servicing all regions Australia-wide

## Partner with M.E.G. ENERGY

Whether you require emergency support, ongoing maintenance, or complete commissioning of new assets, M.E.G. ENERGY offers the technical depth and responsive service needed to keep your operations running.

**Contact us to discuss your project requirements.**