

# PGSR+

ENERGY & INDUSTRY SOLUTIONS



# WHO ARE WE?

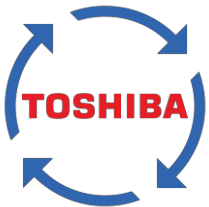
PGSR offer flexible solutions to our customers depending on their specific requirements.



**Solutions Orientated**  
A One Stop Shop



**Multidisciplinary Expertise**  
Workshop, Construction, Labour & Specialised Tooling



**Backed by Toshiba**  
Global Expertise - Local Solutions

Opened new state of the art facilities in March 2024.

PGSR is a locally owned subsidiary with a workforce of over 500 highly skilled professionals.

Equipped with a state-of-the-art custom workshop and a comprehensive inventory of specialised tools.





# OUR SERVICES

## Workshop Facility

Market leading facility focused on specialised fitting and machining services

**Ref:** Thermal Power Valve Maintenance & Aux Equip

## Highly Skilled & Qualified Resources

Project Managers, Supervisors, Trades & Non-Trades. Trained, Ticketed & Ready to Go!

**Ref:** Thermal Power Projects (>200 people/project), Industrial Boiler Projects –Opal

## Alternate Energy

Wind & Battery experience

**Ref:** Windfarm Gearbox Exchange and Scarborough 5MW BESS Assembly and Testing

## Defence

Asset Management, Tank Inspections, Engineering, PRV Testing, Vessel Inspections, Pipe Manufacture, Hydro Testing Fuel Lines

**Ref:** BGIS – Sydney Basin,

**Ref:** UGL- Sydney Basin, Hunter Region, South Coast

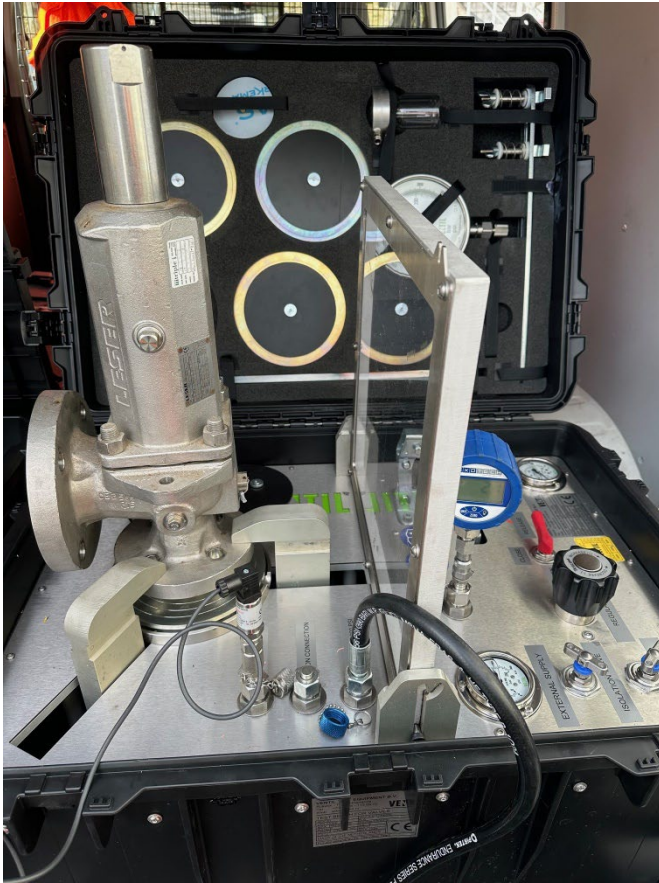
## Precision Works on Turbines & Generators

Specialists in Utility & Industrial

Turbine Maintenance, Upgrades & Commissioning

**Ref:** Industrial STG Units from 2.8MW –

# Valve Testing & Certification



Workshop and Site Mobile Computerised Pressure Relief Valve Testing

# TANK INSPECTION SERVICES



**PGSR offer a variety of fuel inspection services, including:**

- **Visual inspections:** These inspections involve a visual examination of the tank and its components, looking for signs of damage or corrosion.
- **Non-destructive testing (NDT):** These tests use non-destructive methods to inspect the tank for internal defects, such as cracks or voids.
- **Pressure testing:** These test involves pressurising the system to a specified level to ensure that it is structurally sound. Pipeline hydrostatic testing is a method used to verify the integrity and safety of pipelines by filling them with a suitable medium and pressurising the system beyond normal operating levels.
- **Integrity testing:** This test uses a variety of methods to assess the overall condition of the tank, including its structural integrity, corrosion resistance, and leak detection capabilities.
- **PGSR specialise** in analysing storage tanks and provide highly accurate strapping tables, shell deformation analysis, surveys for tank bottom and foundation structural column verticality, and more.





# GALLERY - Projects.



## **Maryvale Mill Maintenance Shutdown Australian Paper Mill, Morwell, VIC**

- Maintenance outage including, steam boiler, general plant, pressure welding, steam valve overhaul, conveyor maintenance
- Project delivery on tight schedule working 2 x 12hr shifts 7d per week
- 130 employees
- Safety Incident free



## **Norske Skogg Paper Mill Boyer, TAS**

- Maintenance outage including, steam boiler, general plant, pressure welding, ash conveyor maintenance
- Project delivery on tight schedule working 2 x 12hr shifts 7d per week
- 20 employees
- 3 weeks duration
- Safety Incident free

# GALLERY - Projects.



Pressure Welding



Fuel Storage Valve Overhaul



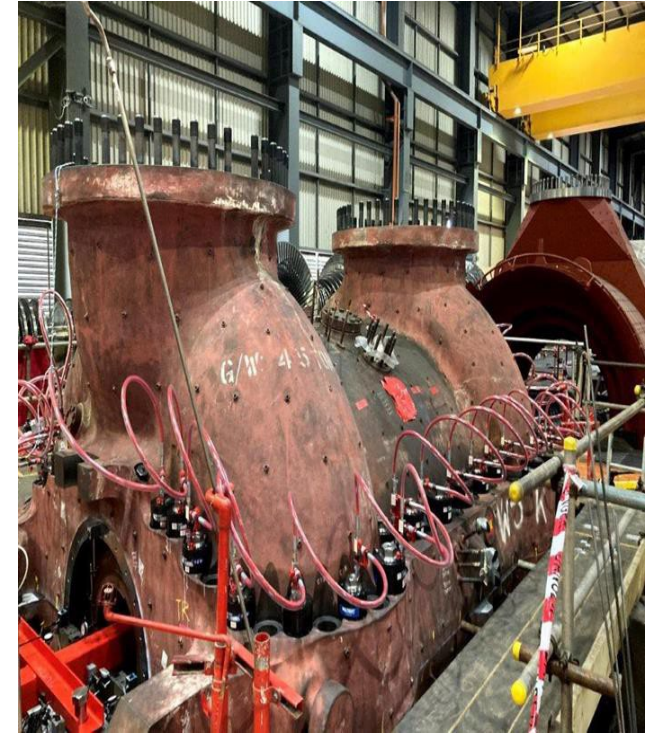
# GALLERY – Workshop Services



Mt Piper 700MW Upgrade



Morisset Facility – Valve & Actuators



Hydraulic Nut Equip



# PGSR Pty Ltd



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**Since 2014 PGSR** has become a subsidiary of Toshiba Energy Systems. Since then, PGSR has remained an independent, sustainable business, the backing by Toshiba uniquely places PGSR to provide a complete range of energy and industry services depending on individual customers' requirements. PGSR are supported and backed with Toshiba engineering resources, systems and process.

**PGSR's** capability is supported by a workforce of over 500 highly skilled professionals.

**PGSR** are Equipped with a state-of-the-art custom workshop and a comprehensive inventory of specialised tools.

## Key Customers

- ❖ AGL
- ❖ Origin Energy
- ❖ Opal Australia
- ❖ Energy Australia
- ❖ UGL
- ❖ BGIS
- ❖ Viva Energy

## Capabilities

**Workshop Facility** - Market leading facility focused on specialised fitting and machining services

## Defence

- ❖ Asset Management, Tank Inspections, Engineering, PRV Testing, Vessel Inspections, Pipe Manufacture, Hydro Testing Fuel Lines

## Alternate Energy

- ❖ Wind & Battery experience

## Precision Works on Turbines & Generators

- ❖ Specialists in Utility & Industrial
- ❖ Turbine Maintenance & Upgrades

## Industrial Boiler Outages

- ❖ Strong Experience with Repair, Maintenance, Upgrades & Construction

## Electrical Installations

- ❖ Generators, Switchyards, Transformers

## Key Markets

- ❖ Utility – Power
- ❖ Energy
- ❖ Defence
- ❖ Industrial
- ❖ Renewable Energy
- ❖ Wind Turbines
- ❖ Transmission



- ❖ ISO Accredited
- ❖ Backed by Toshiba - Global Expertise - Local Solutions
- ❖ Opened new state of the art facilities in 2024.
- ❖ Solutions Orientated - A One Stop Shop
- ❖ Highly Skilled & Qualified Resources
- ❖ Project Managers, Supervisors, Safety Advisors, Quality Inspectors, Trades & Non-Trades

