

Capability Statement

Overview

ESB Power offers specialised High and Low Voltage electrical testing and maintenance capabilities aimed at providing efficient solutions to clients' needs across the industries of Power Generation, Transmission and Distribution. This expertise is delivered to corporate and government clients throughout Australia.

We perform a wide variety of work related to many areas of the Mining, Oil & Gas and Energy industry with our focus being on Commissioning, High and Low voltage testing, and maintenance. All tasks are performed to the highest standard whilst at all times working to the most stringent of safety standards.

Whenever it is required, the expertise, knowledge, and can-do attitude of ESB Power staff will be there to help you.

*We pride ourselves in efficiency through **technical excellence**.*

*We have high expectations because we value our reputation for fair dealing and integrity. This reputation reflects personally on all of us associated with **ESB Power** and consequently there is not just an obligation but also a strong element of self-interest in ensuring we preserve and enhance our conduct as times change.*

Understanding your needs is our priority.

Contacts

Alan Gallagher
agallagher@esbpower.com.au
M: 0409 925 671

Rosa Padrino
rpadrino@esbpower.com.au
M: 0437 903875

E: sales@esbpower.com.au | W: www.esbpower.com.au | P: 0437 903875
A: Unit 4 13 Strong Street Baringa 4551 QLD | P: PO Box 17, Bli Bli 4560
ESB Power Pty Ltd ABN 51 641 509 097

Key Capabilities & Areas of excellence

High Voltage Testing and Commissioning:

The primary areas include:

- ⌘ Transmission systems and substation commissioning
- ⌘ Switchboard testing and commissioning including GIS.
- ⌘ Site acceptance Testing
- ⌘ Protection scheme testing, primary and secondary including differential and distance.
- ⌘ Protection relay upgrades and testing
- ⌘ Metering checks and calibrations
- ⌘ Indoor and outdoor Switchgear
- ⌘ Transformer testing, oil sampling, oil filtering.
- ⌘ Transformer tan delta testing.
- ⌘ HV cable testing including VLF.
- ⌘ Generator testing and commissioning.
- ⌘ Full functional scheme testing of any high or low voltage installation.
- ⌘ Factory Acceptance Testing - FAT
- ⌘ Circuit breaker, Transformer, Switchgear maintenance and repairs
- ⌘ Automatic transfer scheme testing.
- ⌘ Battery systems and UPS
- ⌘ HV Switching
- ⌘ Motor Testing
- ⌘ Partial Discharge Testing
- ⌘ Protection studies and grading.
- ⌘ Remote end-to-end secondary injection testing.
- ⌘ Equipotential rise testing and reporting.
- ⌘ Soil Resistivity Testing.
- ⌘ Solar Farm testing, including String test, IV Curve testing, Inverter cold and hot commissioning, PCU HV testing, switching and energisation, load testing.
- ⌘ Step and touch potential testing.
- ⌘ Remote job specific test plan / file design, HV procedures, testing procedures, switching procedures, work method statements and ITP's.
- ⌘ Thermal Imaging

E: sales@esbpower.com.au | W: www.esbpower.com.au | P: 0437 903875
A: Unit 4 13 Strong Street Baringa 4551 QLD | P: PO Box 17, Bli Bli 4560
ESB Power Pty Ltd ABN 51 641 509 097

⌘ Protection relays and systems

Our staff cover the complete lifecycle of your protection systems, from new relay installs, upgrades, and periodic maintenance. They are highly trained with many years of experience and are constantly building, refining, and staying up to date with regular training and workshops.

⌘ Primary plant

The “heavy lifting” equipment in your power system. We provide testing and maintenance capabilities on all primary plant equipment such as transformers or switchgear and can provide our client with detailed test reports and recommendations to gain a better understanding of the equipment life expectancy.

⌘ Switchgear and Substations

Whether it is indoor metal clad or outdoor GIS switchgear, our technicians can take care of it for you. From routine maintenance to fault identification and rectification, we can provide a cost-effective solution to suit all your needs.

SAFETY, ENVIRONMENTAL & QUALITY MANAGEMENT SYSTEMS

- ⌘ ESB Power Pty Ltd subscribes to a zero harm at work policy. We see value in having effective management systems in place to ensure our employees and sub-contractors return home each day injury free, that workplace injuries are managed to minimize lost time and return employees to work as soon as possible.
- ⌘ ESB Power supports the goal of sustainable economic development which ensures that the utilization of resources and the environment today does not damage prospects for their use by future generations.
- ⌘ ESB Power currently adopts a quality management system to assist with the streamlining of the management of maintenance requests. This has led to a greater client satisfaction and efficiency by eliminating time-consuming and ineffective methods. In addition, the quality information stored within our system allows managers to recognize and address recurring problems; identifying potential service issues and helping them make informed decisions about long-term maintenance or capital improvements.

Previous Significant Projects



Vent Fan Switchroom FAT, SAT HV Commissioning North QLD ESB Power 2021



PCU HV Testing and Commissioning SA ESB Power 2022



Renewable Hybrid Plant Solar and Wind Farm SA HV testing ESB 2022

E: sales@esbpower.com.au | W: www.esbpower.com.au | P: 0437 903875
A: Unit 4 13 Strong Street Baringa 4551 QLD | P: PO Box 17, Bli Bli 4560
ESB Power Pty Ltd ABN 51 641 509 097



ESB Power

PTY LTD

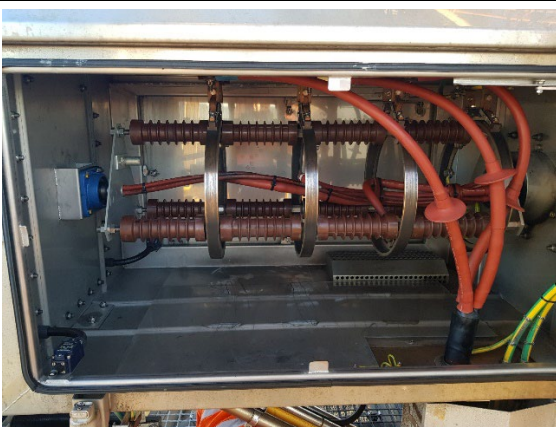
Electrical Testing And Maintenance Specialists



*Talinga Gas Train LV Switchroom Roma QLD
ESB 2021*



*Transformer Maintenance Oil Filtration and De-
gasification North QLD 2022*



HV Reclaimer Slip Ring Panel



275kV Switchyard

E: sales@esbpower.com.au | W: www.esbpower.com.au | P: 0437 903875
A: Unit 4 13 Strong Street Baringa 4551 QLD | P: PO Box 17, Bli Bli 4560
ESB Power Pty Ltd ABN 51 641 509 097

ESB Power acknowledges the Traditional Custodians of country throughout Australia and their connections to land, sea, and community. We pay our respect to their Elders past, present and emerging and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

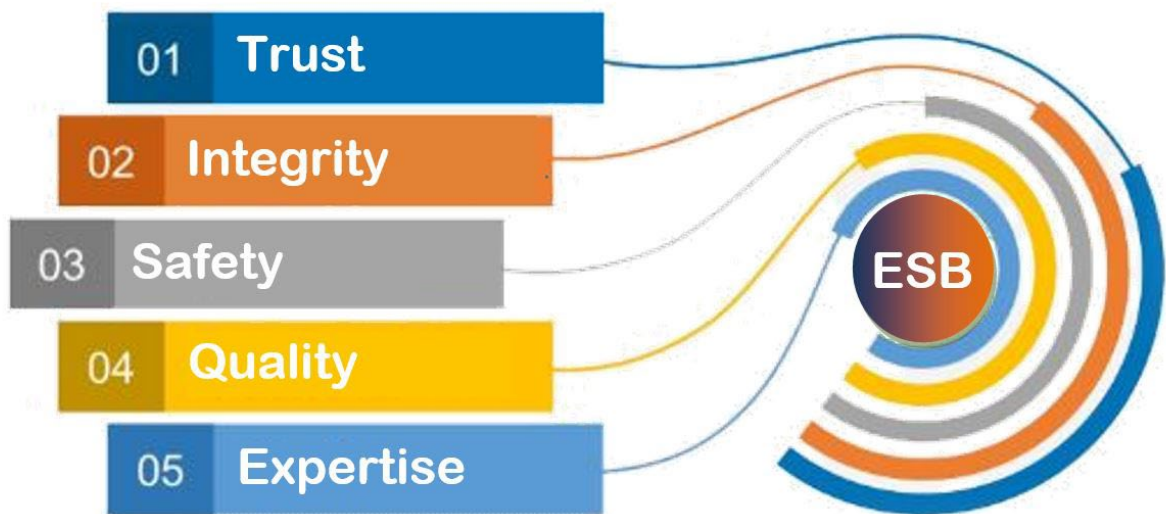


Test Equipment



Final Installation of PCU after delivery

We provide services that exceeds expectation through our company values.



E: sales@esbpower.com.au | W: www.esbpower.com.au | P: 0437 903875
A: Unit 4 13 Strong Street Baringa 4551 QLD | P: PO Box 17, Bli Bli 4560
ESB Power Pty Ltd ABN 51 641 509 097