

P[⚡]QUE

— VOLTAGE —

Capability
Statement
2025



Company Overview

Pique Voltage is a company with over 60 years of combined experience working with high-voltage circuit breakers and disconnectors.

We are known for our globally recognised expertise, combined with a strong local commitment to providing high-quality, reliable services.

By offering tailored solutions, sourcing dependable spare parts and fostering exceptional relationships, we ensure customer satisfaction at every stage.

Our team's extensive industry experience and OEM certifications guarantee compliance with the highest standards in the power and energy sectors, making us a trusted partner for all high voltage needs.

Global expertise, local commitment — we're dedicated to powering projects with universal precision, reliability and innovation.

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— Our Purpose

Providing expert solutions that safeguard infrastructure with precision, reliability and a commitment to operational excellence.

We are dedicated to providing specialised solutions that enhance operational safety, reliability and efficiency. Our mission is to deliver value at every stage of a project, from concept to completion, by applying our superior expertise to prevent costly errors and ensure seamless execution.

By prioritising honesty, integrity and a commitment to great service, we foster strong, lasting partnerships with our clients and collaborators. Our innovation and excellence underpin every aspect of our work across the energy and transmission sectors.

Pioneering solutions for high-voltage systems with unmatched expertise.

Our Services

Pique Voltage offers a range of high-voltage circuit breaker and disconnector services, tailored to meet the needs of diverse sectors.

Our experience also extends to other substation primary equipment needs, such as taking care of all high-voltage needs in the facility.

Our services are designed to optimise performance, enhance reliability and ensure compliance with industry standards.

Delivering precision-driven services for high-voltage circuit breaker and disconnector maintenance, ensuring optimal performance, safety and reliability.

High-Voltage Circuit Breaker Erection and Commissioning

We specialise in the erection, commissioning and troubleshooting of high-voltage circuit breakers, including Live Tank CBs (LTCB) and Dead Tank CBs (DTCB). Our Generator Circuit Breaker specialist is an industry leader in retro fitting generator systems all around Australia and the world. With a focus on precision and reliability, our expertise ensures optimal performance and compliance with rigorous industry standards.

High-Voltage Disconnector Erection and Commissioning

We specialise in the erection, commissioning and troubleshooting of high-voltage disconnectors, ensuring seamless integration into existing electrical networks. We deliver precise servicing that extends equipment life, minimises downtime and enhances overall system reliability.

High-Voltage Circuit Breaker and Disconnector Inspections

Our team conducts thorough inspections of high-voltage circuit breakers, disconnectors and related components to identify potential issues, ensure proper functionality and maintain system reliability. These inspections safeguard operations by addressing problems early to reduce the risk of equipment failure.

High-Voltage Circuit Breaker and Disconnector Repairs

We offer comprehensive repair services for high-voltage equipment, addressing damage caused by water ingress, arcing, wear and tear or other operational challenges. Our solutions ensure reliability, restore functionality and extend the operational life of critical high-voltage systems.

High-Voltage Circuit Breaker and Disconnector Certifications

We provide certifications for high-voltage equipment, ensuring compliance with industry standards and regulatory requirements. Our certifications validate the safety, functionality and performance of critical systems, helping clients maintain operational excellence and meet stringent regulatory guidelines.

Spare Parts Supply

We source and supply OEM spare parts, ensuring reliability and compatibility in leading high-voltage systems. Our supply chain enables us to provide high-quality components from local sources where possible, minimising downtime and ensuring seamless operation for our clients.

OEM Recommended Servicing

Our factory-trained technicians provide OEM-recommended servicing for high-voltage substation primary equipment, ensuring safety, efficiency and compliance. We deliver precise servicing that extends equipment life, minimises downtime and enhances overall system reliability.



— Industries We Serve

We support a diverse range of industries, including transmission, power generation and energy distribution.

Our specialised services address the unique challenges of these sectors, ensuring operational excellence and delivering solutions that meet the highest standards of quality, reliability and safety.

- ✓ Power Generation Facilities
- ✓ Energy Transmission Networks
- ✓ Utility Companies

— Our Clients

We have built strong partnerships with leading organisations around the world by delivering exceptional services, fostering trust and maintaining our commitment to quality and reliability.

These collaborations highlight our expertise and dedication to excellence, reinforcing our reputation as a trusted name in the industry.



— Accreditation + Expertise

Pique Voltage holds a suite of industry-recognised accreditations that validate our commitment to quality, reliability and safety.

We take pride in maintaining high standards across our range of services, supported by our team's certifications and qualifications, including a Masters in Electrical and Chemical Engineering.

- ✓ SF6 Gas Handling Accreditation
- ✓ OEM Certifications

**Ensuring operational safety and efficiency
from start to finish.**



Case Study

Replace Generator Circuit Breaker Insulators and Recondition for Service

The Challenge

A 600MW power station encountered a severe issue when its generator circuit breaker (GCB) enclosure became filled with rainwater during a series of storms.

The water caused a flashover, extensively damaging the resin insulators, leaving the equipment unsafe, unserviceable and in urgent need of repair.

Our Solution

We quickly drained the water and thoroughly cleaned the enclosure to assess the damage.

Given the prolonged exposure to water, we recommended replacing all support insulators.

The circuit breaker and disconnecter were removed and repaired and HV testing was conducted to ensure full functionality.



The Result

The circuit breaker was meticulously rebuilt and underwent rigorous testing to ensure full functionality.

This approach enabled the power station to resume operations safely and efficiently, restoring critical infrastructure and preventing further operational disruptions.

**Setting the standard for integrity and excellence
in power solutions across diverse industries.**

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Pique Voltage has provided high-voltage solutions to sites across the globe, leveraging international experience to deliver reliable, high-quality work in diverse and challenging environments.

P**QUE**
— **VOLTAGE** —

