

Circuit Breaker Solutions

New Zealand's leading provider, full spectrum of world class expertise, services, facilities and equipment

It's the way we're wired

Circuit breakers are a vital component in high voltage infrastructure. No organisation can afford a poor performance in this area, where safeguarding health and safety is critical. Often combined with the challenges of handling SF6 gas, many organisations understand that working with the leading service provider is an essential part of managing their circuit breaker equipment.

Correct operation of circuit breakers to protect people and substation assets is a critical requirement. At PBA we comprehensively understand how to achieve this and meet the exacting environmental, health & safety, regulatory compliance and technical standards spanning the full range of HV circuit breaker technologies.

This is why we have a reputation as New Zealand's leading circuit breaker expert and preferred service provider; including recognised leadership in SF6 handling.

Our knowledge also spans all aspects of the high voltage system. We understand what it takes to ensure successful outcomes.

So if you want the best people working on this crucial asset turn to the leaders.

PBA, we are the high voltage experts – it's the way we're wired!

PBA's circuit breaker clients enjoy:

- The full range of circuit breaker services. See the back of this brochure for more detail
- New Zealand's leading expertise in a wide variety of HV circuit breaker technologies
- The full suite of world class circuit breaker test equipment (PBA is the agent for Elcon circuit breaker analysers)
- New Zealand's leading SF6 handling experts
- A reputation as New Zealand's preferred circuit breaker overhaul service provider
- A spotless circuit breaker overhaul facility

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Circuit breaker services

PBA circuit breaker solutions offer our clients the full spectrum of expertise, services, facilities and equipment.

These include:

- Experience and ability to work with a vast range of circuit breaker brands and technologies (including programming of point-on-wave relays)
- Analysis of circuit breaker health key indicators (timing, motion, coil current, resistance, etc) to ensure tolerances and wear are correct
- Circuit breaker assembly, installation and commissioning tests
- On site fault finding
- On-line circuit breaker condition monitoring
- Refurbishment and overhaul in a clean workshop
- Project management and supervision

Enjoy peace of mind

PBA's circuit breaker clients enjoy the peace of mind that comes with working with a provider strongly focused on full regulatory compliance and adherence to technical standards.

We also tick all of the other boxes that give our clients the reassurance they need:

- ✓ Proactive minimisation of Health & Safety and environmental risks
- ✓ Efficient, cost effective, transparent solutions that optimise smooth operations and minimise plant downtime and cost
- ✓ Working with people that bring leading industry accreditations, proven results and who speak your language

PBA's knowledge spans the high voltage system

PBA brings leading practical, in-depth expertise, spanning all aspects of this high voltage system; going beyond compliance, proactively developing innovative risk management and mitigation solutions for our clients.

In the electricity industry PBA covers the whole spectrum, from major projects, to specialist services, to support solutions. The breadth and depth of applied high voltage expertise we offer is unique.

This leadership position is underpinned by our:

- People's care and commitment to excellence and quality outcomes
- People's ability to bridge between management/procurement and technical/field personnel
- Technical innovation, impeccable professional standards and industry connections
- Agile and mobile services, superior support and long-run commitment



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