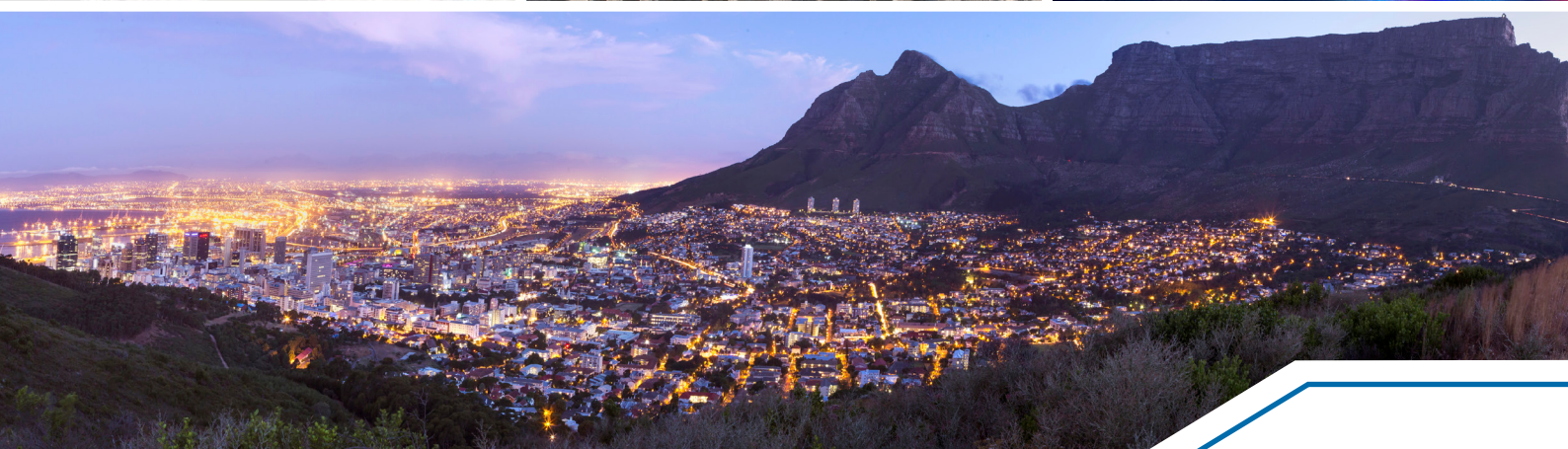


CORPORATE PROFILE



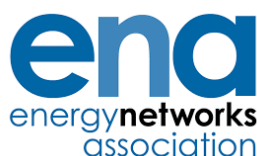
RPS Switchgear manufactures and supplies world class customized medium voltage electrical switchgear and transmission and distribution solutions.

INTRODUCTION

Our switchgear incorporates vacuum circuit breaker technology (introduced by RPS in 1990 as a safer alternative to oil insulated breakers), now in common use around the world.

RPS Switchgear manufactures switchgear at its Wellington, New Zealand factory and serves its customers globally, including Australasia, Africa, Asia, the Middle East, the United Kingdom and Europe through its local offices or agents. In addition we complement our manufacturing operation with a complete range of customer services including product development, design, installation and maintenance servicing throughout the Asia-Pacific region.

The switchgear uses intelligent monitoring equipment to detect faults or surges in the 11,000-volt circuits and automatically opens and closes safety protection devices to prevent damage. The switchgear incorporates vacuum circuit breaker technology (introduced by RPS in the 1990s as a safer alternative to oil-filled breakers), now in common use around the world. Approximately 75% of our switchgear is exported and get installed by our installation teams.



OUR HISTORY

Founded as Reyrolle company more than 100 years ago, Reyrolle has been an iconic name in switchgear for decades.

First established in New Zealand in 1959 and opened the manufacturing facility in May 1969, where we still manufacture our equipment.

RPS Switchgear has more than half a century of switchgear manufacturing experience.

1886
1920
1959
1960
1969
1990
1992
2004
2008
2015
2016
2019

Alphonse Reyrolle established A. Reyrolle and Company in Newcastle, UK. The company was largely responsible for the electrical systems in the UK and Commonwealth countries until the 1960s.

The Reyrolle company began trading in NZ using a local agent.

A. Reyrolle and Co. (NZ) Limited was established in New Zealand and imported medium voltage switchgear from the Reyrolle group in the UK.

Reyrolle (UK) develop LMT oil circuit breakers.

Reyrolle NZ opens its manufacturing facility in Petone, Wellington. **We are still here today.**

Reyrolle Pacific Switchgear (NZ) develops its first vacuum circuit breakers.

ISO 9001 certified.

Reyrolle Pacific Switchgear was sold out of the Reyrolle group to become a wholly owned private New Zealand company.

Reyrolle Pacific Switchgear changed to RPS Switchgear

RPS Switchgear developed Assure Range.

ISO 14001 certified.
Approved by ENA United Kingdom.

Celebrating 50 Years of manufacturing in New Zealand



EXPERIENCE

Our customer base includes Electrical utilities, Heavy industry, airports, universities and mining companies. We have supplied more than 16000 vacuum circuit breakers.

Our notable project list includes ensuring Hong Kong International airport can handle its 360 000 flights annually and Singapore's Marina Barrage (one of the world's largest pumping stations), which pumps more water than an Olympic size swimming pool per minute, to drain and pump threatening storm waters away from downtown Singapore.

In addition, we keep the lights on in many cities including Sydney, Cape Town, Auckland, Wellington and Christchurch etc. Our switchgear is in service in power stations, distribution substations, chemical factories, petroleum refineries, mines, water treatment plants, hospitals, airports and ports around the world.



OUR PRODUCTS

LMVP 12KV METALCLAD SWITCHGEAR

Vertically isolated, and horizontally withdrawable switchgear including RPM vacuum circuit breakers.

The panel's maximum current rating is 2500A and the maximum short circuit fault rating is 31,5kA, although we can accommodate a busbar rating of 3000A.

12kV Circuit breaker current ratings are 630/800A, 1250A, 2000A, 2500A.

Internal Arc containment rating 25kA for 1 sec A-FLR.

In accordance with IEC62271.

Seismic type tested.

Complimentary products include vacuum contactors (LMVC), Load Break switches (LMLBS) and fuse switches (LMFS).

See brochure for more information.



LM SWITCHGEAR SPARE PARTS

RPS Switchgear stocks a comprehensive range of spare parts to support the product range. We still support the older Reyrolle LMT range of breakers and switchgear.

12KV RETROFIT VACUUM CIRCUIT BREAKERS

RPS Switchgear offers retrofitting services to upgrade your existing LM and Westinghouse panels with the latest RPM and J-series Vacuum circuit breakers. Retrofitting options also include protection and type tested arc vent upgrades to ensure improved operator safety.

- **COST** – Life extension of switchboards vs replacement and the elimination of the need to move or damage cabling.
- **SAFETY** – Improved safety through the elimination of oil and SF6 and improved Operator safety by operating the circuit breaker behind closed doors.
- **ENVIRONMENTAL** – Elimination of Oil and SF6 gas.
- **DISRUPTION** – Minimal disruption of supply.
- **PERFORMANCE** – Improved performance and reliability.



- **RATINGS** – Both current and fault level rating can be increased.

RPS Switchgear provides a quality, cost effective alternative to increase the life of your existing switchgear with very little or no disruption of supply while the work is being carried out.

For more information please ask for our Retrofit Brochure.

ASSURE 17kV SWITCHGEAR

RPS Switchgear's Assure range of Horizontal Indoor Switchgear is fully type tested and certified to international IEC Standards. With an impressive internal arc rating of 31.5kA for 1 second A-FLR to IEC 62271, it will more than satisfy the most demanding of network owners' requirements.

The Assure range is suitable for any medium voltage application requiring safe and reliable, low maintenance operation, with long service life.

With its industry leading narrow footprint, the 1250A panel is only 600mm wide and the 2000A is 800mm wide

The T600 and T800 panels are metal-enclosed air insulated switchgear with the following characteristics:

- A Control cubicle in which low voltage relays and instruments are fitted.
- Compartments segregated by metallic partitions.
- Designed and tested to IEC standards.
- Comprehensive mechanical and electrical safety interlocks.
- Smart grid compatible.
- Flexible CT and VT specifications.
- Panels are fitted with a 31.5kA fault current rated earth switch.
- Assure Switchgear is manufactured to a very high standard and every panel is inspected and tested to ensure that it meets our high quality standard before being dispatched to our customers.



SERVICES

INSTALLATION AND PRE-COMMISSIONING

RPS Switchgear offers a complete installation and commissioning service:

- Preparation of installation and test plans.
- Complete switchgear installation to manufacturer's requirements.
- High voltage pressure tests.
- Millivolt drop (ducter) tests.
- Secondary wiring insulation tests.
- Full mechanical checks.
- Full functional tests on protection and control schemes.
- Complete set of test results of all work carried out during the commissioning process.

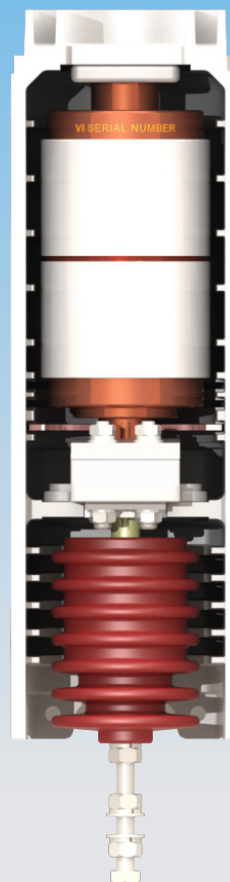


RESEARCH AND DEVELOPMENT

We have made significant advancements with our 12kV Vacuum Circuit breaker technology and 17kV Assure switchgear design. Our focus is now on new medium voltage product ranges.

We are committed to an ongoing R&D programme and working with our customers to meet these needs of the industry:

Reliability | Low/No Maintenance | Economical | Compact



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