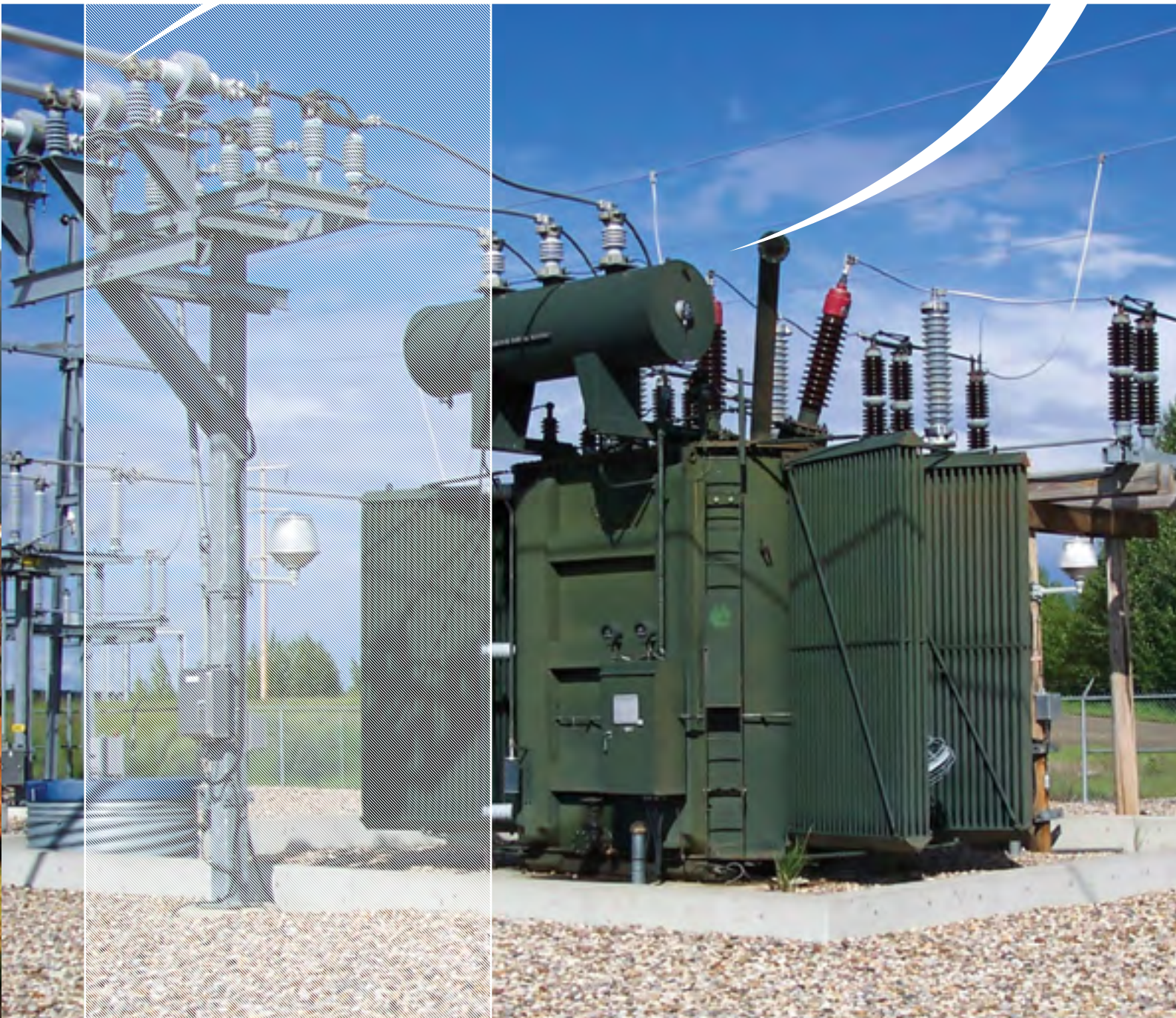


COMPANY PROFILE



Mission statement

We are committed to provide excellent service and quality products to all our customers no matter the value of their order. We further more strive to better our business through continuous improvement to enhance quality and to ensure on-time delivery.



Overview

We are currently the largest manufacturer of transformers in the Free State province of South Africa. Free State Transformers have the capability to design and manufacture a wide range of distribution transformers, miniature substations and special application transformers ranging from 5kVA to 20MVA with rated voltages up to 33kV. All products are designed and manufactured to applicable local and international specifications. Our products are used in utilities, municipalities and industries across Africa.

History

Free State Transformers was formed in 1998, from humble beginnings when only small intermediate voltage systems were designed and manufactured, the company has grown into a reputable manufacturer of quality and reliable transformers. In 2004 Free State Transformers obtained certification from the South African Bureau of Standards, SANS 780 for manufacturing and SANS ISO 9001:2000 certification for quality systems.



Distribution & Power Transformer Range

- Intermediate voltage transformers (Eskom spec) 5kVA - 1000kVA, 1kV & 3.3kV
- Distribution transformers (SABS780spec) 16kVA - 3150kVA with voltages up to 33kV
- Power transformers up to 33kV, your choice of either an on-load or off-load tap changer



Miniature Substations

- Surface mount mini-subs (municipalities / industrial).
- Underground mobile mini-subs
- Skid base mini-subs (open cast mines)

Range from 100kVA - 1600kVA up to 33kV

High voltage switchgear SF6, oil and vacuum.

Special Application Transformers

- Inverter / Rectifier transformers (6 & 12 pulse application)
- Phase shift transformers (24 pulse application)
- VSD transformers
- Mobile substations (Eskom spec)



NEC/NER/AUX Transformers

Voltages upto 33kV

Above right: A dual voltage Mobile Substation (specially manufactured for Eskom) is used in opencast mines where the primary of the transformer can be temporarily connected to an overhead line.



Repairs and Refurbishment

- Distribution transformers up to 33kV
- Power transformers up to 132kV
- Intermediate voltage systems (step-up and step-down)
- Miniature substations (surface and underground)
- Special application transformers

Right: 20MVA, 132/25kV Single Phase Traction Transformer refurbished for Transnet

Transformer Field Services

- On-site maintenance and repairs of transformers and Miniature Substations
- On-site oil sampling and transformer testing
- On-site oil purification and regeneration
- Thermal imaging
- Transformer installation and commissioning
- On-load tap changer servicing and testing
- Transformer transport and rigging

Dry Type / Cast Resin Transformers

- Imported



Quality Standards

Free State Transformers is an SANS ISO 9001:2000 and SANS 780 accredited company.

Technology

Our technology is based on world leading concepts and trends. Understanding transformers and customer's needs, enables us to offer the best solutions through innovation and design.

Design

Free State Transformers has well developed calculation tools that ensure fast and accurate designs. Our continuous design improvement strategy ensures ease in manufacturing and results in quality products.

Manufacturing

We have a 4800m² manufacturing facility with 80 tons of lifting capacity. Optimized manufacturing processes and a dedicated special transformer lines ensures flexibility and on-time supply to all customers.

Right below: 2000kVA transformer loaded by Free State Transformers for installation on new industrial site.



Where to find us



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