



# Power Plant Electrical Technologies (Pty) Ltd

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## Medium Voltage Gen-Flex Compact Gen-Flex Panel | 12kV - 1250A - 25kA

A compact and modular design for all customer application The Gen-Flex is a single standing, non-modular solution, and as the drive to more modular solutions is the objective, it was decided to initiate a revision to the design. Thus, we would like to extend the Gen-Flex to a more modular and flexible approach such as a horizontal busbar system for a multi-unit application or additional plus codes for client satisfaction.

We have developed a technically competent medium voltage switchgear solution specifically intended for power generation through generators, which enable us to compete in the South African and African markets as well as internationally.

We therefore have developed a cost competitive, flexible and modular power generation switchgear solution, which can be marketed and sold as a standard product, utilising our existing ABB circuit breakers, current transformers and protection relay products. Whilst retaining a flexible and competitive design, we are to ensure good quality, and a high service reliability with better than average service life expectation of the product.

Whether your choice will be for ready-to-buy, easy configuration and design, with short delivery time, or whether you need a tailor-made solution to suit your specific requirements, Power Plant Electrical Technologies has the solution. We offer a large choice of functions to meet any kind of application: switches, circuit breakers, and metering equip

**Robust, Reliable, and Sustainable  
Solutions for Optimal Performance**



## MV GEN-FLEX SOLUTION OFFERS

- Reliability of a brand-new switchgear.
- Saving on CAPEX by renewing only the worn-out parts while benefiting from new technologies.
- OPEX is reduced due to the modern maintenance free Tavrida Electric vacuum circuit breaker.
- Increased personnel safety:
  - Mitigate risks of electrical flash fatalities.
  - Mitigate risks of power outages resulting in dangerous accidents.
- No modifications are necessary on the fixed part of the switchgear.
  - No changes to existing main busbar.
  - No changes to existing relay and breaker control wiring or connecting plug.



SCAN FOR WEBSITE  
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