

Risks minimisation in power cable systems

High-voltage cable systems Spare Parts Services



System conditions and spare part delivery times are often misjudged.

Incorrect assessments of high-voltage power cable systems result in companies being exposed to significant risks.

The customer situation

Many companies underestimate the risks present within their own power grid infrastructure:

- Poor condition of cable systems with high risk of outage, e.g. old oil-insulated cables
- Lapsed systematic inspection and risk evaluation of cable systems
- No risk-based system with replacement scenarios in place
- Required spare parts are not available on site
- Extremely long delivery times for cables and accessories, which can extend downtime (up to 6 months due to production lead times and material supply bottlenecks)

The solution

A spare parts concept individually tailored to the respective power grid infrastructure assists in managing risks and minimising downtimes:

- Cable testing to locate problems and evaluate the level of risk posed
- Creation of a customer-specific spare parts concept
- Risk-based development of replacement scenarios and spare parts requirements
- Setting up of a defined spare parts inventory
- · Regular cable testing and evaluation updates



Customer benefits

- Active management of risks within the power grid infrastructure
- Minimised outages and resulting downtimes, i.e. lower procurement and repair costs in the event of a fault
- Optimal, active and risk-based preparation for possible outage scenarios and timely planning of appropriate measures

Brugg Cables

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