Emergency Response Solutions
for High Voltage Cable Systems up to 500 kV
Brugg Cables Services

The Brugg Cables Services consists of a team of engineers, project managers and technicians. Our team has longterm experience in all aspects of the industry. We are customer oriented and interested in a life-cycle partnership, which gives our clients the confidence that the results represent their interests. We offer comprehensive services packages: Engineering Services, Asset Management, Emergency Response Solutions, Testing Services.

We routinely work with all stakeholders including field staff, engineers, non-technical senior management, board of directors, regulators, litigators, and the public. All of this combined with our proficient skills in technical writing results in readable reports that are easy to follow and apply.

Our clients include distribution cooperatives, generation and transmission cooperatives, investor-owned utilities, municipal utilities, public utility districts, and industry associations.
Higher energy consumption increases the stress for existing high voltage cable systems. From the viewpoint of asset management, permanent power supply and a long lifecycle are important for every power company. Constant overload, accidents through construction work or failure and extreme weather conditions to name but a few of several reasons which can lead to accidents on high voltage cable systems. For any occurring failure Brugg Cables will assist you to re-energize any high voltage cable system with our emergency response solutions.

**EMERGENCY RESPONSE SOLUTIONS**

**PACKAGES**

**CUSTOMIZED PACKAGES**
We will bundle individual packages according to your requirements

- On-site inspection of cable circuit and evaluation of damages
- Solution based repair and recondition of damaged parts
- Inventory and condition assessment of all your cable assets
- Definition of Emergency Response Solution based on your needs
- Selection of suitable and flexible spare parts and their allocation

**ADVANTAGES**
- Guaranteed access to specialists and spare parts
- 24/7 direct line to experts
- Cooperation with specialized testing and monitoring companies
- First damage survey after failure

**SOLUTIONS**

**FLEXIBILITY NEVER COMPROMISES RELIABILITY**

We are able to connect any cable with different cross-sections, up to two steps in conductor size, i.e. 1200mm² with 2000mm².

Asymmetrical joint solutions have been type tested using a standard joint, no need of any back to back joint solutions.

**CABLE TYPES**
- Oil cable
- XLPE cable

**JOINTS**
- No expensive back to back joints
- Standard solution for different conductor size

**EXAMPLE**

**CRITICAL SITUATION**
- 3 line 72 kV Cable Circuit
- Damaged termination
- No certified specialists
  - Old system
  - Specific termination
- No spare parts available
- Constant overload on the other two Cable Circuits
LOCATIONS
• Europe
• Asia
• Middle east
• USA

Your advantages with Brugg Cables spare parts support.
• All Brugg Cables spare parts are compatible to a wide range of existing cable designs
• Spare parts from Brugg Cables are flexible and adaptable to your requirements
• Special spare part packaging enables long-term storage
• Full control of expiration dates for consumable materials
• Rapid reaction for failure and damage on your cable network

SUPPORT
• Flexibility
• Reliability
• Individual storage solutions
• Express delivery

AVAILABILITY OF
• Specialists
• Spare parts

Time is the most important factor in case of an high voltage cable circuit failure. Certified specialists from Brugg Cables are able to find the reason for failures within shortest time and repair damages at your High Voltage Cable Circuit.

Spare parts in the right spot at the right time reduce the downtime of a high voltage cable circuit.

KEY FACTORS

SPECIALISTS

65 specialists are located in various locations (Asia, Europe, Middle East and USA) to assist our customers.

Framework agreements with specialised installation partners enable us to enhance a worldwide in-time service for you.

All specialists are frequently trained and certified by our Brugg Cables Academy on the whole product range.

SPARE PARTS

BRUGG ACADEMY
• Training and development
• Certification

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• Full control of expiration dates for consumable materials
• Rapid reaction for failure and damage on your cable network
Providing full service consulting for power utilities

For experts by experts

BRUGG CABLES SERVICES
Stay energized.

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Please find more details on the courses currently offered in the online documentation www.bruggcables.com/academy.

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Find more detailed information about our products and services on www.bruggcables.com. A company of the Brugg Group.