ABB Cable Care
Services for high-voltage cable systems
ABB Cable Care
Fast help if needed

Submarine and underground cable systems play a vital role in distributing vast amounts of power over long distances to thousands of consumers. If an outage would occur, ABB’s Cable Care will ensure a fast and cost-efficient repair.

The majority of power cable failures arises from faults caused in the open sea by anchor strikes, dragging fishing nets or other external events. A proactive approach to fault location and repairs helps reduce costly cable failure and unplanned downtime.

Cable failure rarely occurs, in fact almost never. But if it occurs, a proactive service approach could save months of down time in having spare parts available, the right equipment and skilled personnel working according to a predefined plan. Power companies that consider Cable Care an integrated part of their cable investment enjoy a potential lower total cost of ownership.

Leave it to the professionals to ensure your cable availability. At ABB, we are the experts and we work systematically to detect and repair cable faults. With ABB’s Cable Care agreement, downtime is minimized if a repair action is required. We provide efficient and cost-effective solutions, with 24/7 availability, for both submarine and underground cable systems, so that you can focus on what you do best – distributing reliable power to people.

Short list of our references

Konti-Skan, Sweden – Denmark 2009
250 kV HVDC, MI - Interconnector

NorNed, Norway – The Netherlands 2010
450 kV HVDC, MI - Interconnector

Baltic Cable, Sweden – Germany 2011
450 kV HVDC, MI - Interconnector

Thanet, Great Britain 2012
132 kV AC, XLPE - Offshore Wind

Channel Islands, France – Guernsey 2012
90 kV AC, XLPE - Interconnector

Thornton Bank, Belgium 2013
150 kV AC, XLPE - Offshore Wind

Fenno-Skan, Finland – Sweden 2013
400 kV HVDC, MI - Interconnector

Black Sea, Romania 2013
3 x 12 kV AC, XLPE - Offshore Oil & Gas

Troll A, Norway 2014
66 kV AC, XLPE - Offshore Oil & Gas
ABB Cable Care
Our services

ABB offers a wide range of power cable services. A Service Level Agreement (SLA) gives you access to a selection of or all services under a common contract, customized according to your specific requirements.

- **Cable spare parts management**
  Storage and inspection of the spare parts stock needed for cable repair.

- **Resources on call**
  Mobilizing for a repair operation, including specialists and equipment.

- **Fault location services**
  Locating the cable fault using efficient methods, including ROV (Remote Operated Vehicle).

- **Cables jointers and termination services**
  Trained and experienced team for jointing and termination works.

- **Repair preparedness plan**
  Defining different repair scenarios, roles and routines to enable efficient actions if a cable repair is required.

- **Marine resource plan**
  Planning, engineering and pre-approvals to reduce the time between outage and mobilization of repairs.

- **Turnkey repair**
  We manage turnkey repair operations, from start to final documentation.

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**Service Level Agreement**

Adapted to your needs

A Service Level Agreement (SLA) ensures the safety of your cable systems by providing maintenance and repair services in a rapid, safe and cost-effective manner. The SLA is available for both onshore and offshore cable systems, worldwide.

Your SLA is customized to your needs and site conditions. It is designed as a framework and is flexible in terms of the extent of preventive and reactive work. Fees, daily rates, scope of support and service provision are defined under a customer-specific framework.