

# HVDC Care preventive maintenance

## Ensuring system availability and reliability



## Preventive maintenance helps you to ensure the reliability of the systems and the components.

Preventive maintenance is key to ensuring the reliability and availability of an HVDC link during its entire lifetime. As a delivery is executed, preventive maintenance for HVDC systems will be outlined in a preventive maintenance plan. The purpose is to foresee and describe recommended preventive maintenance activities, and to estimate the manpower requirements for these activities.

ABB HVDC preventive maintenance service provides systematic inspections to detect and identify impending problems before they can become actual problems or even major failures.

A preventive maintenance program ensures system availability and reliability, and is intended to serve as an overall planning guide for the customer. Below is a summary of common preventive maintenance activities. All preventive maintenance on selected ABB equipment are performed at a fixed price.

### Reactive or proactive service culture

ABB service packages focus on delivering the best possible products to achieve maximum benefits from a proactive service culture. ABB service creates the ideal conditions for keeping

total ownership costs as low as possible over the lifetime of a converter station. Intense focus on delivering customized solutions meeting customer needs combined with vast knowledge of HVDC systems and components are essential in order to deliver a successful preventive maintenance service. Acute awareness of health, safety and environmental issues are built into all services provided by ABB.

ABB offers adapted and specialized technical supervision services. The supervisors have comprehensive knowledge of the equipment concerned e.g. control, valves and cooling systems.

To ensure future reliable operations, ABB provides condition assessment service. The condition assessment is a process that measures the actual and required condition of a HVDC station or a certain equipment.

### ABB preventive maintenance services typically consist of:

- Preventive maintenance plan
- Systematic inspection
- References to manuals, providing details of the work
- Inspections to identify impending problems
- Planned and scheduled repairs prior to equipment failure
- Recommended time intervals for specific maintenance activity
- Life cycle management
- Spare part management

# Contact us

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