

## ABB Electrical System Services

Ensure your entire electrical system is in optimum health and remains that way

For any production process to continue running, a steady power supply is vital. It's critical to know the life cycle status of your electrical equipment to understand associated risks and manage system expansions and maintenance in a coordinated way. ABB Electrical System Services helps ensure all electrical components and systems are operating cost efficiently and reliably.

### Overview

ABB Electrical System Services include a broad portfolio of service solutions that align with your most important needs. They help optimize your electrical system resources and lower operating costs. ABB can analyze system components to identify areas at risk, prioritize maintenance recommendations, and implement systematic maintenance and migration plans.

Additionally, ABB offers electrical studies and simulations to help validate that your system can withstand all network situations and minimize equipment damages in cases of critical fault situations.

By leveraging ABB's extensive expertise in electrical engineering, process control, and instrumentation and safety engineering, plans are tailored to meet your specific needs and business objectives (Figure 2).

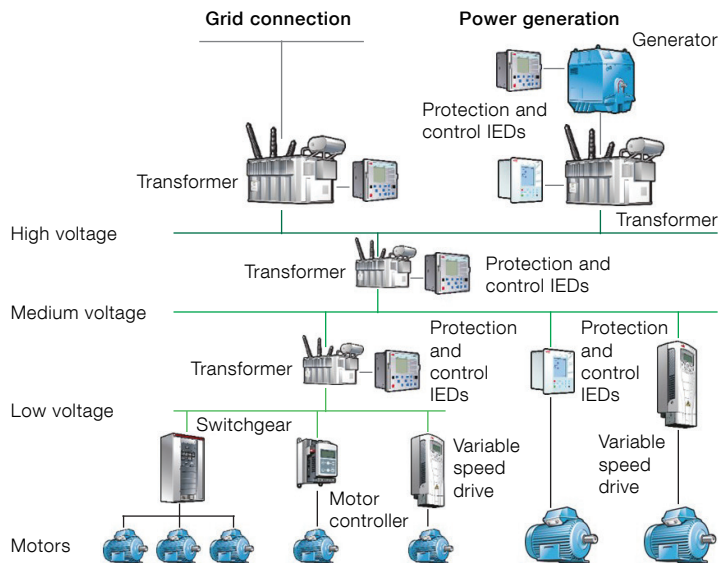


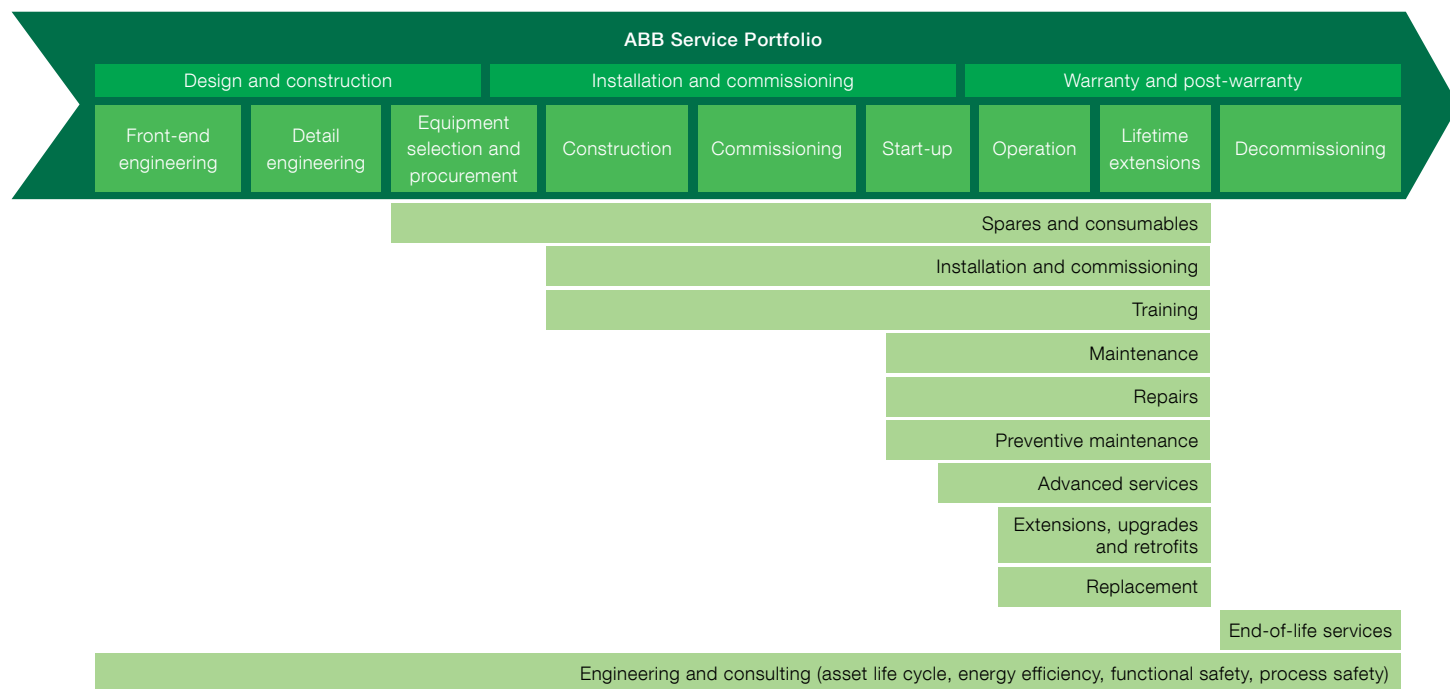
Figure 1: ABB Electrical System Services support single components or the complete electrical system.

### Benefits

- Reduce equipment obsolescence risk with assessments and health checks
- Improve availability by ensuring proper maintenance actions are taken
- Optimize parts inventories with gap analysis and recommendations
- Enable a clean and stable power supply to reduce disruptions
- Enhance safety and performance by identifying equipment rating, and system loading and protection coordination issues
- Provide operators a comprehensive look at how the power system operates in a range of scenarios
- Train, educate and assist personnel to improve maintenance decision making

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Figure 2: ABB Electrical System Services portfolio aligns with a variety of customer needs and plant life cycle phases.

### Features

- ABB Life Cycle Assessments and System Health Checks provide a thorough analysis of equipment's life cycle status and condition
- Electrical system studies ensure power quality and availability
- Experienced system engineers and project management consultation services
- Preventive maintenance and migration plans
- Spare parts recommendation and gap analysis
- Genuine replacement spares and products
- Factory-trained service engineers

### Why choose ABB?

- ABB services improve equipment productivity, minimize costs throughout the complete life cycle and extend the equipment life
- The broad range of ABB engineering, environmental, health and safety and consultancy skills brings a practical approach to electrical design and guidance
- Access to global expertise with experience ranging from Front-End Engineering and Design (FEED) to preliminary and detailed system design
- Product portfolio ranges from high voltage distribution to low voltage motors and includes instrumentation and electrical control

### Contact information

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