

Maintenance and Field Services

Customer Services for Offshore Grid Access and Balance of Plant

Introduction

The maintenance of offshore wind farms is essential due to the harsh weather conditions. Therefore, continuous maintenance is crucial to keep the energy infrastructure running.

Siemens offers comprehensive and individually tailored services to keep your wind farms reliable, available and operationally efficient.

Features

Siemens Customer Services for Grid Access offers tailor-made maintenance contracts, which include scheduled maintenance, inspection services, trouble-shooting services for balance of plant and grid access assets of offshore wind parks.

Each service mission is carefully planned beforehand and executed by highly qualified Siemens service staff. The maintenance schedules are based on respective O&M manuals and handled in a highly transparent way via Siemens CMMS (Centralized Maintenance Management System).

By giving customers access to our CMMS, we ensure high transparency of all our infield activities and findings with online infield service information.

Benefits

- Increase in reliability and minimization of downtime
- Accurate operations due to expertise in various offshore systems
- Identification of important findings (e.g. for warranty or certification) via an integrated evaluation tool
- Enhanced security based on the availability warranty
- Projectable costs for operation and maintenance work

- Less effort for organizational tasks (logistics, spare parts and interface management with sub-contractors, etc.)
- Technical experts are 24/7 available

Scope of work/ deliverable

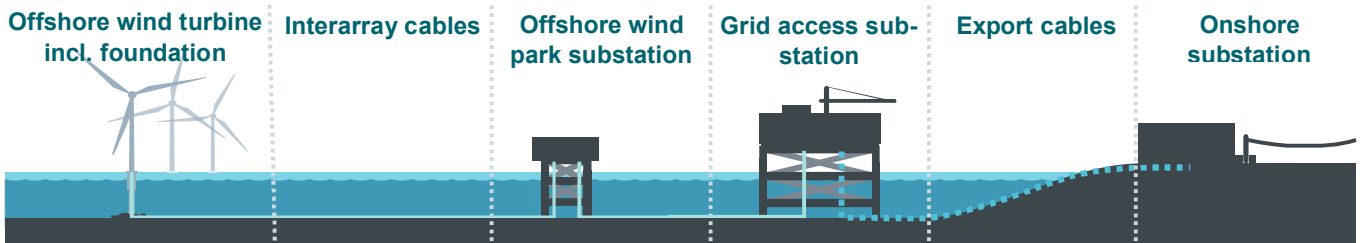
Our maintenance services ensure

- Competent planning of maintenance campaigns
- Scheduled maintenance activities for offshore substations and offshore transmission modules (AC)
- Scheduled maintenance activities for offshore grid access platforms (DC)
- Scheduled maintenance for foundations
- Subsea inspections of cables and foundations



Siemens Experts

To ensure highest asset availability, we provide Maintenance & Field Services for balance of plant and grid access assets



Maintenance services

- Unscheduled maintenance and repair activities
- Scheduled electrical maintenance services for HVDC modules, circuit breakers, gas insulated switchgears (GIS), automatic identification systems (AIS), transformers, switchboards, power management systems, control & protection systems (C&P)
- Scheduled mechanical maintenance services for power generators, cranes, cooling systems, HVAC systems, Fire-detection systems (FiDe), Fire-fighting systems (FiFi), safety equipment, water and waste treatment systems and fuel systems.
- Comprehensive concepts for statutory inspections and their execution

- Consultation in setting up operational processes, including health, safety and environment (HSE) as well as O&M standards, processes and document management systems
- Risk assessment and method statements of work performed

Day-to-day activities

Siemens service experts develop a detailed day-to-day plan for service campaigns, considering the current weather forecast, vessel or helicopter schedule and urgent activities. All activities are digitally planned, documented and prioritized by using CMMS. Tasks are usually as follows:

- Execution of tasks, including preventive maintenance by highly skilled personnel

- Project management and continuous communication
- Inventory management of spare parts on-site, including their maintenance
- Inventory management tools on-site
- Transparent and traceable documentation of performed activities

Get in touch with us!

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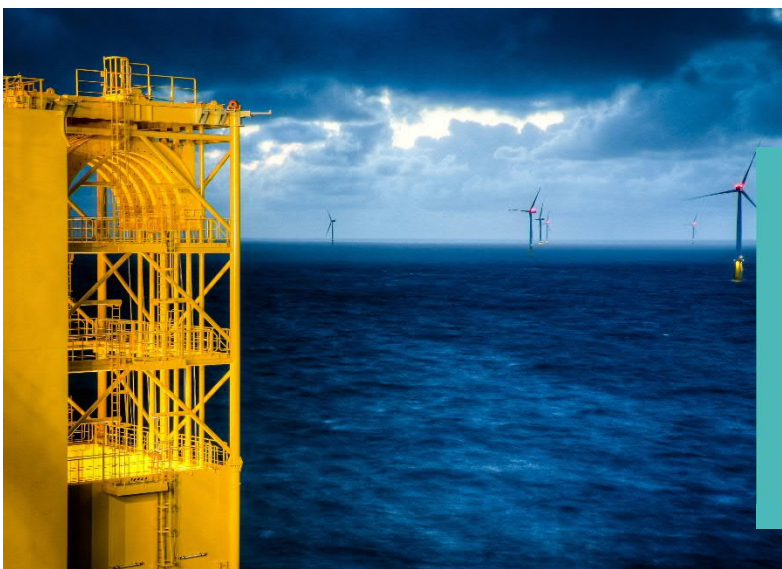
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The information in this document contains general descriptions of the technical options available, which may not apply in all cases.



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