

Life Extension Maintenance Strategy Report



Cost control



Knowledge



Insight



Partnership



Customized solution

Challenge

Wind turbines typically reach the end of their design life around year 20, which often leads to increased O&M costs and a negative impact on the business case.

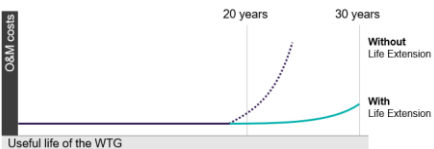
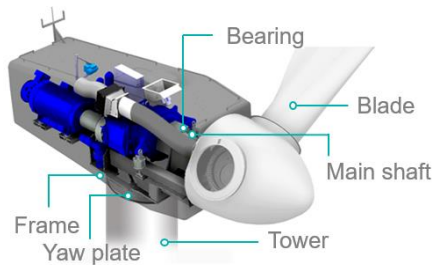
Solution

Life Extension Maintenance Strategy Report is a comprehensive report based on the key component study that combines site-specific conditions and fatigue load calculations with operational experience to carry out a precise assessment of the mechanical components. It provides you with a site-tailored maintenance strategy necessary to operate the wind farm for up to 10 more years:

- Actions to be taken at the beginning of the extended period.
- Preventive inspections plan for the life extension period (starting year and frequency).
- Preliminary proposal for design modifications, upgrades, or reinforcement to be implemented in the wind turbines.

Benefit

- Best partner of choice to gain up to 10 years of additional revenue.
- Supports you in gaining full control of operational expenditures over the remaining life of the asset.
- Advantages from unique OEM knowledge to support your maintenance strategy.
- Helps you make better-informed decisions on financing, asset sales, upgrading, or repowering.



Applicability

Gamesa: G47-660 kW, G52-850 kW, G58-850 kW, G80-2.0 MW, G83-2.0 MW, G87-2.0 MW, G90-2.0 MW, G97-2.0 MW.
Siemens: SWT-2.3-101, SWT-2.3-108, SWT-2.3-82 VS, SWT-2.3-93, SWT-2.3-113, SWT-3.0-101, SWT-3.0-108, SWT-3.0-113, SWT-3.15-142, SWT-3.2-101, SWT-3.2-108, SWT-3.2-113, SWT-3.3-130, SWT-3.4-101, SWT-3.4-108, SG 4.3-130, SG 4.3-120.
Senvion: MM82, MM92, MM100.

Compatible products

It is possible to combine with other Siemens Gamesa solutions to optimize O&M costs and/or further increase the AEP.

Track Record

Experience in carrying out studies since 2014 on 5,259 wind turbines.

Fleet experience and Inspection

Experience in carrying out studies since 2014 on 5,259 wind turbines.

Est. Lead time

Depends on site.

Repair

Benefit from our vast OEM knowledge and secure optimal repair of your turbines.

Upgrade

Choose a variety of upgrade solutions and optimize your investment.

Recommended

For all Siemens Gamesa wind turbines reaching year 20.