

Condition Monitoring

Online-CMS Analysis at the End of Warranty Period

We analyse the online-data of all current CMS types at the end of warranty period, identify the defects accurately, report the defects and thus secure your warranty claims!

- Advice on the optimal procedure (online-CMS-analysis or spot measurement)
- Decision for online-CMS-evaluation!
- Select system analysis and import filter (depending on CMS-type)
- Analysis of data over the entire warranty period
- Detect and locate errors
- Document events

To enforce your claims, we subsequently create an expert report on the end of the warranty and support you in the claiming process.



Our services

The aim of an independent analysis of online CMS-data is to identify and document defects to enforce your warranty claims.

- We close the information gap that arises from the conflict of interest between manufacturer and operator (information filter / information deficit / self-monitoring)
- We detect and document the defects that have already occurred within the warranty period but have not yet come to attention
- We also document the initial damage which may only have visible consequences after the warranty period and which would then be borne by the owner
- We support you in the claiming process

Cost advantages:

- No additional costs for offline measurements and project planning
- No additional costs for a service team or service technician (system control)

Technical advantages compared to offline vibration measurements:

- No dependence on weather or wind. The data contain all wind and load situations.
- The data / results are not contestable by the system manufacturer as they are the same data used by the system manufacturer for his CMS analysis
- Significantly better quality of information as a trend calculation is carried out for each damage frequency. Thus, the assessment of possible claims' developments is improved.

About us

The 8.2 Group brings together experts with decades of experience and young thinkers dedicated to the sustainable value of renewable energy projects. For onshore and offshore wind energy, photovoltaics, biogas, grid integration and QHSE. The 8.2 network offers a comprehensive range of technical consulting services and inspections with independent expertise.

From the first tender, through quality assurance, to lifetime extension assessments, our services cover the entire life

cycle of renewable energy projects. The expertise generated over the last 20 years is based on around 40,000 inspections of wind turbines, 20 GW due diligence projects on- and offshore as well as photovoltaic projects. Furthermore, the 8.2 Group has been involved in almost all German offshore wind projects right from the start.

As a client, you benefit from this unique wealth of experience through our broad knowledge base and the guaranteed quality level of our work.



32
offices



130
Experts
worldwide



40,000
Technical
inspections



15
GW TDD Wind
on-/offshore



4.2
GW PV projects



5
GW Condition
Monitoring



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