



fos4X system for damage detection on rotor blades recertified by DNV-GL

(Mynewsdesk) The maintenance-free structural monitoring system, Turbine Integrity Control, has been recertified by DNV-GL. This enables damage to rotor blades of wind turbines to be detected at an early stage. In addition, their financial impact during turbine operation can be minimized.

The damage detection system was developed to detect and monitor structural damage to rotor blades of a wind turbine and to optimize maintenance and repair planning. It is based on the same hardware configuration as Rotor Ice Control and is also certified by DNV-GL. The system is maintenance-free throughout the lifetime of the wind turbine.

Software Upgrade from Rotor Ice Control For customers of the fos4X ice detection system the additional features of the damage detection can be activated via a simple software upgrade. No new installation effort is necessary. Via a dashboard, data on the performance and condition of the wind turbine can be viewed at any time in real time.

Advantages of fiber optic measurement technology The fos4X core technology guarantees reliable operation in harsh environments such as those found in wind turbines. Durability, robustness as well as insensitivity to electromagnetic radiation and lightning strike characterize this technology. The maintenance-free hardware configuration can be retrofitted in less than one working day. The system can also be ordered directly with the wind turbine as a series product.

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About fos4X GmbH

Founded in Munich in 2010, fos4X GmbH is a specialist for reliable, fiber-optic measurement technology and sensor technology as well as for innovative data analysis. It develops intelligent solutions for optimizing wind energy. These solutions are primarily used in wind turbines to optimize operation.

The fiber optic sensors and solutions are also used in the fields of electromobility, process measurement technology and railway technology.

Anlage: Bild

