

This is How Structural Monitoring of a Wind Farm is Done



Pulse Structural Monitoring, an Acteon company, signed its first major contract for the provision of digital structural monitoring and insight services and equipment on an offshore wind farm. The contract, which provides for the design, fabrication, yard installation and commissioning of its market-leading monitoring instrumentation on three wind turbine foundations to be installed offshore Taiwan, was awarded by global offshore wind leader Ørsted.

“Being one of Ørsted’s important partners on the Greater Changhua wind farms is a major milestone for Pulse Structural Monitoring,” notes Brian Taylor, head of sales at Pulse. “As a company, we have over 20 years’ experience in our core offshore markets and have completed some smaller renewables projects, but this contract recognizes that we have

achieved a major and strategic transfer of skills and knowledge to the offshore wind and renewables market. We look forward to working with Ørsted, providing data and insight on this and future developments.”

Anode Monitoring Systems

Pulse will supply its cutting-edge NX2 digital platform for acquiring a range of high-quality measurements that include bending and torsional strain, inclination, displacement and acceleration in key components of the jacket legs, nodes and wind turbine generator towers.

This Acteon integrated solution will also include the provision of corrosion and anode monitoring equipment to provide Ørsted with the full package of digital measurement data required. Deepwater, another Acteon Group company, is working with Pulse to provide anode monitoring systems.

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