iSpin to be installed on entire Zephyr Energies Renouvelables 12MW wind farm

Paris, February 12 2018 - ROMO Wind will install its patented wind measurement technology iSpin on an entire wind farm, owned by Zephyr Energies Renouvelables (France).

After successfully running a demo project on a first turbine within the wind farm La Renardière (Loire-Atlantique), the operator Zephyr Energies Renouvelables will now deploy the iSpin technology on the whole wind farm. Made of 6 Senvion MM92 wind turbines commissioned in 2010, this wind farm will be the first one in France to be entirely equipped with iSpin.

This innovative technology developed by ROMO Wind will be used as reference for measurement of wind direction. Among others, that will allow the turbines to optimally face the wind, in order to extract as much energy as possible from the air flow activating the turbines. In parallel, that will also limit the mechanical overloads applied on the turbines, hence reducing the premature wear of its main components.

"We are very happy for the confidence Zephyr Energies Renouvelables is showing us. The progressive shift of the wind industry towards the free energy market currently pushes many operators to optimize the production of their assets. ROMO Wind's mission is to help its customers to achieve this goal, with the help of the iSpin technology. Its deployment on the whole wind farm La Renardière demonstrates the high satisfaction level of the French customers using this technology." says Guillaume Steinmetz, Business Manager of ROMO Wind in France,

Christian Briard, CEO of Zephyr Energies Renouvelables, adds: "The iSpin deployment on the first turbine of La Renardière led to a production gain of at least 3,8% on this turbine, that so far was not properly facing the wind. This figure has been computed by data expert WinDataMax through an analysis of an 8 month-data set. We are confident that using the iSpin technology on the whole wind farm until the end of its operation will now secure its maximal energy production."

The ROMO Wind iSpin enables operators to measure and monitor real wind conditions of every wind turbine, independently from their OEM. Up to now, wind direction and speed have usually been measured behind the rotor on the wind turbine's nacelle. By using the iSpin technology with its three ultrasonic sensors at the spinner and unique measurement principle in front of the rotor, it is possible to overcome the limitations on conventional nacelle anemometry.

About ROMO Wind: ROMO Wind AG is a Danish-Swiss technology company supported by renowned investors and shareholders such as Yellow & Blue and ABB. ROMO Wind specialises in optimising the productivity of wind turbines, reducing loads and accurately calculating on-site wind conditions. The company uses patented iSpin technology to this end. ROMO Wind has its headquarters in Zug, Switzerland and has regional teams in Denmark, France, Germany, Italy and Spain.

About Zephyr Energies Renouvelables: Zephyr is developing, building, operating and maintaining wind parks in the North-West of France since 2002. 34 wind turbine are operating of 3 different manufacturers (18 Vestas, 10 Enercon and 6 Senvion) producing yearly between 150 and 180 GWh.

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