

iSpin installed on entire ERG Power Generation 30 MW windfarm

Rome, November 21 2017 - ROMO Wind installed its patented wind measurement technology iSpin on 15 Vestas V80 2MW in Poggio Imperiale wind farm (Italy), owned by ERG Power Generation. The results of the measurements: an average yaw misalignment of over 8 degrees

In September 2017, after running successfully a demo project, ERG Power Generation decided to install iSpin on 15 V80 2MW turbines at the wind Farm Poggio Imperiale. Measurements showed yaw misalignments of over 8 degrees on average, with 5 turbines showing more than 10 degrees. The correction of the yaw misalignment will allow recovering a consistent and relevant amount of energy production of the Poggio Imperiale wind farm. Besides this, iSpin will allow a constant performance monitoring of the wind farm through the analysis of the power curves.

“I am very happy for the trust that ERG Power Generation has placed in our product, and we have proven right. This project is not only about correcting yaw misalignment on turbines but also about performance monitoring through the innovative iSpin Guardian concept. Continuous monitoring of wind data is essential to achieve performance optimization.” says the ROMO Wind Country Manager of Italy, Luca Alemanno.

Elena Ferro, head of Operations Italy within the Wind division of ERG Power Generation, adds: “We are confident that iSpin will enable us to put the wind turbines in optimum conditions and to monitor the power curves using real wind data, a further step forward to achieve and maintain a good performance of our assets”.

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.

Contact:

Luca Alemanno
Country Manager Italy
E-mail: lua@romowind.com