



# ORENDA ENERGY SOLUTIONS ENTERS THE MEDIUM WIND TURBINE MARKET WITH PIONEERING NEW 51kW PRODUCT

*New turbine features patented 'tilt' mechanism to enhance significant maintenance cost savings and safeguard against damage in extreme wind conditions*

EDINBURGH, SCOTLAND, UK, August 6, 2013 /EINPresswire.com/ -- Orenda Energy Solutions, a recent addition to the UK medium wind market, has designed and manufactured a pioneering 51kW wind turbine which facilitates simple and safe servicing due to a patented proprietary design mechanism embedded in its tower.

This revolutionary turbine has been designed for agriculture and rural/landowner communities who can optimise financial returns by utilising local Feed in Tariff (FiT) incentives.

Orenda's Skye™ turbine has a fully integrated hydraulically hinged tower, designed to be lowered and raised by one operator using a wrench. It has its power pack located in the tower base and the company claims this innovative technology makes Skye the most durable and efficient medium wind turbine currently available.

Moreover, its patented 'tilt' mechanism has been designed to alleviate the need for extensive and costly maintenance with servicing carried out 'in-situ' – a vitally important measure in hostile terrain or rural environments where there is little road access for cranes or heavy lifting gear.

From a health and safety perspective, there is no need to climb the tower and hence, no need for a climbing certificate.

In the rare event of extreme storm conditions, such as tornado or hurricane, the turbine can also be tilted and lowered to the ground thereby offering a degree of asset protection, rather than be fully exposed to the elements.

Whilst the Skye turbine features a raft of technological innovations integrated into the design, its core functionality ensures responsible operation, ease of planning and enhance aesthetics on the surrounding landscape. Its turbine blades provide quiet operation in all wind conditions and its sleek, ergonomic design will blend unobtrusively into its surrounds, which will appeal to farmers and landowners alike.

Steve McMahon, VP Sales and Marketing for Orenda Energy Solutions comments;

"The launch of the Skye 51kW wind turbine marks the arrival of Orenda into the UK wind renewables marketplace. Our research and development work focuses on best-in-class applications, so we'll continue to innovate and create the most advanced small and medium wind turbines available to the farming, landowning, rural business and investor communities.

The Skye turbine is designed to help users generate best in class financial returns from the government's Feed-In Tariffs. It also helps safeguard against rising electricity costs and provides an

excellent return on investment.”

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About Orenda Energy Solutions:

Orenda Energy Solutions designs and manufactures fully integrated wind turbine systems for the rural segment of the small distributed wind industry. Orenda's 51kW Skye™ wind turbine is the solution of choice for farmers, large acreage landowners, and wind park developers and investors.

See more at: <http://orendaenergy.com/51kw-wind-turbine-solution/#sthash.tGyizNFS.dpuf>

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