

## **Evancess R9000 small wind turbine receives full MCS accreditation**

*R9000 turbine & tower exceeds durability & reliability tests*

**20 July 2010** – Evancess, a leader in the manufacture of small wind turbines, is pleased to announce that its R9000 5kW wind turbine has completed all tests and awarded full Microgeneration Certification Scheme (MCS) accreditation.

This accreditation is a formal recognition of the durability, reliability, safety and overall performance of the R9000, which provides customers with confidence in the turbine, as well as entitlement to income from Feed-in Tariffs.

For durability, the MCS states that a Class II turbine, such as the R9000, needs to be in operation for at least 6 months and achieve a minimum of 25 hours operating in winds greater than 15.3 m/s (34.2 mph). During this test period the R9000 substantially exceeded this parameters, by operating for over 200 hours in winds >15.3 m/s, proving its resilience. It actually saw sufficient wind to pass the Class I durability criteria within this timeframe.

To prove dependable operation the MCS required a 6 month running test. The R9000 test period began in November 2009 through to June 2010, with the turbine operating consistently throughout this period, so demonstrating its reliability.

“We are very pleased to have our product performance accredited as we have always been proud of the data we publish as our products are developed to BWEA testing standards,” stated Andrew Tasker, Product Director for Evancess Wind Turbines Ltd. “We ran two concurrent test sites, in Cornwall and Shetland, which allowed us to rigorously test the turbine and tower in harsh winter conditions, with exceptional results.”

Turbines also have to pass the Safety & Function criteria which reviews and tests how a turbine copes with high wind speeds. For the R9000 this meant that the patented Reactive Pitch™ mechanism and Electro Brake™ were fully tested, with both passing all requirements. Also technical information, such as load calculations and stress analysis, has been independently audited.

“We welcomed the introduction of the MCS as we believe it will improve standards across the industry. The R9000 is an excellent design, and it is good to see a product designed and manufactured in the UK meeting these stringent requirements” commented Kevin Parslow, CEO of Evance Wind Turbines Ltd. “The outstanding performance of the R9000 will give all customers, around the World, confidence to invest in small wind and Evance as a supplier of small wind turbines.”

**-end-**

**Notes**

Reactive Pitch™ - controls turbine speed by maintaining the blades at an angle for optimum performance  
Electro Brake™ - can be operated manually or activated automatically as a secondary safety feature

**About Evance Wind Turbines Ltd**

Evance is a leading manufacturer of small wind turbines delivering efficient renewable energy solutions. The company’s turbines are designed to lead the field in reliable performance for off and on grid applications. Around the world these turbines are helping farms & rural businesses, education institutions, commercial businesses and rural homes, become green energy producers.

Evance, based in the UK, has an International network of resellers.

[www.evancewind.com](http://www.evancewind.com)

**Media Contact**

Sarah Haslam, Marketing Manager, [sarahhaslam@evancewind.com](mailto:sarahhaslam@evancewind.com)