

New Best-in-Class 10kw Wind Turbine From FuturEnergy Use of Amber Prepreg Enables Significantly Higher Output At Low Wind Speeds

October 5, 2011 (Langley Mill, UK) - UK-based wind turbine designer and manufacturer FuturEnergy today announced a new 10kw wind turbine which generates 50% more output at wind speeds of 6 meters per second than any turbine on the market. In addition to an innovative blade design, the guaranteed skin thickness possible with prepreg creates significant efficiency gains and decreases wear on the entire turbine.

The new 10kw turbine brings a new level of efficiency and therefore a new level of payback that was previously unattainable in this class of wind turbines. In addition to a carefully engineered design, FuturEnergy's success came from developing the processes to fabricate their blade design with a highly uniform surface quality and thickness. Previously thought to be cost prohibitive, FuturEnergy and Amber Composites worked together to create a process to manufacture these high-quality blades with less material and labor.

"Amber Composites really partnered with us, helping us at each step of the design and development of this blade. Their composites knowledge complemented our design expertise, resulting in a very high-quality turbine with a 3-year payback period," said Peter Osbourne, President FuturEnergy.

Amber Composites and FuturEnergy will be showcasing the blade at the Composites Engineering Show November 9-10 at the NEC in Birmingham, UK and have been selected to give a presentation about their experience in the show session.

About FuturEnergy

FuturEnergy is a leading wind turbine manufacturer and engineering company. FuturEnergy is making renewable energy more accessible through lower cost, higher quality small wind turbines. <http://www.futureenergy.co.uk/>

About Amber Composites

Amber Composites is a manufacturer of composite materials for high-performance, lightweight structures. Amber provides materials and technical expertise to a diverse set of industries including motorsport, automotive, aerospace, communications, marine and wind energy. Amber Composites is an ISO-9001 and ISO-14001 certified company.

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