

FuturEnergy's Latest Arctic Adventures



The FuturEnergy wind turbine's ability to withstand the most extreme weather conditions and in particular the severest cold, is illustrated clearly in the latest set of images from the French exploration vessel, the Aurora Magnetica, as it undertakes its maiden voyage to the Arctic.

Currently trapped in sea ice in Resolute Bay, Canada, where it is experiencing temperatures down to -29°C (minus 29 degrees centigrade), the Aurora Magnetica is increasingly reliant upon the power generated by the FuturEnergy wind turbine to maintain comfortable living conditions for the vessel's two-man crew and six to nine scientists, photographers and engineers.

Fixed to the main mast, the FuturEnergy turbine has shown itself to be totally unaffected by the ferocity of the freezing winds blasting the ship and throughout has provided a consistent and reliable source of clean non-polluting electricity to

supplement the ship's diesel-powered Whispergen co-generation system and bank of eight 175-watt Shell photovoltaic solar cells.

The wind turbine's energy contribution is proving even more valuable at a time when the efficiency of the solar cells has been reduced severely by the shortness of the Arctic day, currently totalling just five hours of daylight, and with diesel in short supply.

So impressed is the leader of the expedition, the French explorer Pierre Sauvadet, with the unfaltering performance of the FuturEnergy that he plans to install a second unit.

"I can't praise the FuturEnergy wind turbine enough, particularly as we now rely upon it for survival and not just everyday power," says Pierre. "It's just great, the quality of the design and build is fantastic, its small but extremely powerful, silent and vibration-free, and boasts an almost perfect blade design."



"Not all companies are equal, some are better, cleverer than others and from my experience, FuturEnergy is undoubtedly one of the cleverest."



Launched in October 2004, the 18.50-metre long Aurora Magnetica is the first of a new generation of small aluminium hulled research ships purpose-designed for the exploration of the Arctic's remotest regions, where its low 1.40-metre draft and ability to manoeuvre in shallow waters opens up routes currently closed to conventional ice-strength vessels.

www.auroramagnetica.com

www.futureenergy.co.uk

Editor's Note: For further information on the Aurora Magnetica or the FuturEnergy wind turbine, including high-resolution images, please contact:

David Wright, The Right Angle PR Co.

Tel. +44 (0) 1298 74030

E: rightanglepr@btconnect.com

END