

Press Release November 22nd 2006

Installation of M5000 at Grauwalling Bremerhaven

In two weeks time (KW 49) Multibrid Entwicklungsgesellschaft mbH will erect the second offshore wind energy converter on a 500 ton tripod foundation in Bremerhaven. Before the end of the year the plant will deliver electricity into the public grid.

It is thus the first offshore wind energy plant worldwide, where it will be possible to test the interaction between the foundation "tripod" and the wind energy turbine on the mainland. The 30m tall steel construction, the so called tripod, has been welded together and coated within the past four months. A number of sensors will collect data of structural loads of the wind energy plant that are affecting the foundation.

The excellent operational results of the first Multibrid M5000, which has been feeding power to the grid in Bremerhaven for two years now, will be backed up with this and two further M5000 offshore wind energy converters to be installed in Bremerhaven next year. The first M5000 for offshore deployment is scheduled for 2008 in the offshore test field "Borkum West" where six plants of this type will be erected.

With a rotor diameter of 116m the Multibrid M5000 reaches a nominal load of 5MW. Based on its sealed and wear resistant design, the M5000 is perfectly suited for the operation under the harsh conditions of the open sea. Best protection against corrosive sea-air, a tower head mass of only 300t, which is especially low-weight, and the layout of all components towards minimum wear, provide little maintenance effort und high availability.

Please note: For safety reasons the construction site may only be accessed after a short registration with our office.

Should you care for a visit please call us under 0471 – 8004 - 0.