



PRESSE INFORMATION

AREVA Wind installs the M5000-135 prototype

Bremerhaven, February, 4th 2013

Bremerhaven. AREVA Wind installs a prototype, the evolution of its proven M5000 offshore technology in Bremerhaven. Close to the motorway A27 the offshore wind turbine manufacturer will install its more powerful wind turbine M5000-135.

The evolution of the successfully operating M5000-116 five megawatt (MW) turbines is mainly characterized by its larger rotor diameter. With its 66 meter long blades the diameter has been increased to 135 meter and the swept area reaches 14.326 sqm. Thanks to its enlarged rotor, the wind energy converter will be able to generate more energy. With the consequent optimization of the design the M5000-135 expands AREVA Wind product platform and offers its customers a more energy efficient power production offshore.



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After successful installation the 5MW wind turbine will have a height from ground to hub of 130 meter. With the prototype AREVA Wind is able to operate all optimized systems and components under real life conditions. So the company will gain valuable experiences for the future operation of the M5000-135 offshore.

Jean Huby, CEO of AREVA Wind says: *“With our new prototype M5000-135 we take the next step to make offshore wind energy even more competitive and we will offer our customers a more cost efficient and more powerful product to reduce the cost of energy production offshore.”*

The erection of the prototype will take place in several phases. The first site preparations near the A27 already started. The main components, which were built in Bremerhaven, will be brought to the installation site in summer. AREVA Wind assumes that the installation of the wind energy converter will be completed in third quarter of 2013.



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AREVA Wind manufactures and designs the AREVA M5000, a 5 Megawatt wind energy converter for offshore wind farms in the production facility in Bremerhaven, a location which also offers best conditions for installation, service and transportation on the high seas. The AREVA M5000 is the first 5MW wind energy converter that has been exclusively designed for offshore conditions. AREVA Wind is a subsidiary company of the AREVA Group and part of the business group AREVA Renewables.
www.arevawind.com

PROFIL

AREVA supplies solutions for power generation with less carbon. Its expertise and unwavering insistence on safety, security, transparency and ethics are setting the standard, and its responsible development is anchored in a process of continuous improvement.

Ranked first in the global nuclear power industry, AREVA's unique integrated offering to utilities covers every stage of the fuel cycle, nuclear reactor design and construction, and related services. The group is also expanding its operations to renewable energies – wind, solar, bioenergies, hydrogen and storage – to be one of the leaders in this sector worldwide. With these two major offers, AREVA's 48,000 employees are helping to supply ever safer, cleaner and more economical energy to the greatest number of people.