

## Press release

### **eno energy is presenting its eno 114 and eno 126 wind turbines, with 4.0 MW capacities and up to 7% more yield, at WindEnergy**

(Rostock / Berlin 16 September 2016) – The Rostock-based wind turbine manufacturer is expanding its range in the 3-4 MW class. Its already most powerful wind turbines, the eno 114 3.5 and eno 126 3.5, are both receiving power upgrades to achieve 4.0 MW.

"After completing the 0-series for the eno 114 3.5 MW and after evaluating all the measurements, our development department soon realised that the wind turbine still contains power reserves that can be leveraged relatively quickly," explains Robin Ahrens, Head of Development at eno energy systems GmbH. The eno 114 4.0 MW and 126 4.0 MW variants will be available by the middle of next year and will achieve up to 7% additional yields compared with their counterparts with 3.5 MW rated capacities.

The upgraded turbines will no longer be offered like the 3.5 in the IEC IIS (eno 114) and IEC IIIS (eno 126) wind classes, but will both be available in the IEC IIA class. However, the familiar platform versions with 3.5 MW will still be available for demanding locations with increased requirements for the permissible turbulence intensity.

The range of towers is also being expanded. The product range now includes steel tube tower variants with hub heights ranging between 92 and 142 metres. The eno 126 product range is being supplemented and, in addition to towers with 117- and 137-metre hub heights, will also include a tower with a 97-metre hub height for sites with strong wind conditions.

The eno 126 wind turbine, whose first examples have been sold to the Evangelical Church of Central Germany and will be constructed by the end of the year, is almost identical to the eno 114 with the exception of the rotor blade system. The use of carbon fibre in the more than 61-metre-long blade reduces the weight while increasing the relative blade stiffness. However the use of carbon, a conductive material, also increases the lightning protection requirements. "We are therefore proud to have developed our own lightning protection system, which has already passed all the tests very successfully," says Development Manager Robin Ahrens.

eno energy will be presenting its wind turbines at the WindEnergy expo in Hamburg in Hall B6 at Stand 375.

## About eno energy

The eno energy Group, which manufactures wind turbines and is headquartered in Rostock and Rerik, produces wind turbines for the onshore sector with rated outputs of 1.5 to 3.5 megawatts and rotor diameters between 82 and 126 metres. The wind turbines developed by the eno Group meet the highest quality standards, and their design and individual assemblies are aimed at achieving highest availability, durability and exceptionally high yields in various wind farm configurations. The corporate group is positioned in national and international markets as both a wind turbine manufacturer and service provider. Its considerable flexibility and reliability makes eno energy a competent partner for investors and project developers in Germany and within its European markets abroad.

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