

Press release



Unit certification of e.n.o. 82-2.05 MW successfully completed German certificate for grid compatibility and compliance of system services

Rostock, 08/04/2013

Wind turbine generators have to contribute to keep voltage and frequency of power grid constant and relieve it in critical grid situations. For this purpose, high requirements are placed on power quality and network fault performance.

The German System Service Ordinance (SDLWindV) was initiated by the amendment of the German Renewable Energy Act (Erneuerbare Energien Gesetz – EEG) in 2009. Based on this, wind turbine generators have to be certificated for grid connection to receive the compensatory feed-in remuneration of German Renewable Energy Act. To fulfill the national as well as the international GridCode-requirements, e.n.o. energy systems GmbH has developed a special power supply concept for their entire wind turbine fleet. This is based on a maintenance-free and electrically excited synchronous machine coupled with a full converter technology for an optimal and non-reactive grid control.

With the recently completed unit certification of e.n.o. 82, the first wind turbine based on the innovative power supply concept according to SDLWindV is certified. Based on this, the wind turbines e.n.o. 92 and e.n.o. 100 will follow shortly. In order to that, all of these machines meet then the requirements for a grid connection in Germany as well as thus the feed-in remuneration is ensured.

“The German unit certificate is a significant milestone for us, as this is the evidence of the outstanding grid connection characteristics of the full converter technology used in all our wind turbines”, explains Stefan Bockholt, chief design engineer of e.n.o. energy systems GmbH in conclusion.

About the e.n.o. energy systems GmbH

The e.n.o energy systems GmbH, seated in Rostock, is a manufacturer of onshore wind turbines with rated power outputs from 2.05 MW up to 3.5 MW and rotor diameters from 82 meters to 126 meters. The wind turbine development is focused on durability and is realized only with well-known suppliers. The company is positioned as wind turbine manufacturer and as a supplier of services for national and international markets. Furthermore, the e.n.o. energy systems GmbH is characterized as a qualified partner for municipal investors and multinational project developers.

Press contact

e.n.o. energy GmbH

Alexandra Meyer

Head of Communications and Marketing

Swienskühlenstraße 5

18147 Rostock

Fon +49 (0)381 . 203792 - 100

Fax +49 (0)381 . 203792 - 101

Mobil +49 (0)151 . 612 37 456

alexandra.meyer@eno-energy.com

www.eno-energy.com