

### Energy Sector Wind Power Division

Frimley, July 19, 2012

#### **Siemens to supply 300 offshore wind turbines to DONG Energy**

Projects in the United Kingdom to receive 300 of Siemens 6MW direct drive wind turbines

**Siemens and DONG Energy continue their successful cooperation in offshore wind. On July 19, 2012, the companies signed a framework agreement for the supply of a total of 300 wind turbines with a capacity of 1,800 megawatts (MW). The agreement is based on the new SWT-6.0-154 direct drive wind turbine that will be installed in wind power plants off the British coast between 2014 and 2017. The world's largest rotor blade measuring 75 metres in length equalling a total rotor diameter of 154 metres will be deployed.**

"Offshore wind energy has huge potential," said Michael Suess, member of the Managing Board at Siemens AG and CEO of the Energy Sector. "Offshore wind conditions are strong and stable enabling an energy yield which can be about 40 percent higher than onshore. The United Kingdom, Denmark and Germany in particular are counting on the future of offshore wind energy. We are pleased that our long-term customer DONG Energy has chosen the latest generation of our wind turbines. Together we are working to further reduce the levelised costs for this environmentally-friendly form of power generation."

"The agreement will enable DONG Energy to install a significantly larger and more efficient wind turbine from 2014 compared to what we know today," said Carsten Krogsgaard Thomsen, acting CEO of DONG Energy. "The agreement is a key element of DONG Energy's objective to significantly expand offshore wind and strengthen our position as market leader within offshore wind. For DONG Energy, this is an important step towards further industrialisation and will contribute to the enhanced competitiveness of offshore wind."

DONG Energy has already announced that it will install two of the new 6 MW wind turbines later this year for testing at Gunfleet Sands offshore wind farm. The 6 MW wind turbines are designed for large-scale projects, including Round 3 projects in the UK. The target for 2020 in the UK is 18 gigawatts of offshore wind energy, which equates to around 18 percent of the UK's electricity demand.

The energy production of Siemens' 6 MW wind turbine is sufficient to supply about 6,000 European households with electricity. The rotor has a diameter of 154 metres and has a swept area of more than 18,600 square metres, which is equivalent to the area of approximately two-and-a-half soccer fields (FIFA norm). The new 6 MW wind turbine is designed specifically for offshore use – taking into account; serviceability, and 50 percent less components including fewer rotating parts, all contributing to assuring the important reliability of the offshore technology.

Siemens and DONG Energy can look back on many years of successful collaboration in the field of offshore wind energy. In 1991, the two companies built the world's first offshore wind power plant Vindeby in Denmark. This has been followed by a total of 13 projects with 930 wind turbines that have been generating electricity reliably ever since. Currently, the two companies are working on the Lincs, London Array and West of Duddon Sands offshore wind power plants in the United Kingdom, the Anholt project in Denmark, as well as the Borkum Riffgrund 1 wind farm in Germany. These projects alone have a capacity of approximately 2 gigawatts.

Wind energy is part of Siemens' Environmental Portfolio. In fiscal 2011, revenue from the Portfolio totaled about €30 billion, making Siemens one of the world's largest suppliers of ecofriendly technologies. In the same period, our products and solutions enabled customers to reduce their carbon dioxide (CO<sub>2</sub>) emissions by nearly 320 million tonnes, an amount equal to the total annual CO<sub>2</sub> emissions of Berlin, Delhi, Hong Kong, Istanbul, London, New York, Singapore and Tokyo.

The **Siemens Energy Sector** is the world's leading supplier of a complete spectrum of products, services and solutions for power generation in thermal power plants and using renewables, power transmission in grids and for the extraction, processing and transport of oil and gas. In fiscal 2011 (ended September 30), the Energy Sector had revenues of EUR24.9 billion and received new orders totaling approximately EUR31.8 billion and posted a profit of EUR3.9 billion. On October 1, 2011, the Energy Sector had a work force of more than 82,000. Further information is available at: [www.siemens.com/energy](http://www.siemens.com/energy).

### **About Siemens in the UK**

Siemens was established in the United Kingdom 169 years ago and now employs 12,972 people in the UK. Last year's revenues were £4.4 billion\*. As a leading global engineering and technology services company, Siemens provides innovative solutions to help tackle the world's major challenges, across the key sectors of energy, industry, infrastructure & cities and healthcare. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit [www.siemens.co.uk](http://www.siemens.co.uk)

*\*Data includes intercompany revenue. Data may not be comparable with revenue reported in annual or interim reports.*

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