

Hamburg, February, 27 2017

Siemens to supply 13 direct-drive wind turbines for two projects in Northern Germany

- **Damme II repowering with six units of the type SWT-3.3-130**
- **Seven turbines SWT-3.0-113 for Karlum wind power plant**

Continuing success for Siemens' direct-drive onshore wind turbines in Germany: The company has been awarded three further contracts for the supply and installation of 13 of its gearless turbines in Lower Saxony and Schleswig-Holstein. For the WPD Windpark Damme GmbH & Co. KG, Siemens will install and commission six units of the latest type SWT-3.3-130. A project in Karlum in the northern part of Schleswig-Holstein will receive seven units of the type SWT-3.0-113. The deals include a long-term service agreement for 15 and 20 years respectively.

Having made positive experiences with Siemens wind turbines, commissioned in 2016, WPD Windpark Damme GmbH & Co. KG is now expanding its Siemens fleet: According to plan, all turbines of its first project close to the A1 motorway were connected to the grid by the end of last year. The operator has now ordered six further turbines of the new type SWT-3.3-130 to repower an older project situated at Borringhauser Moor, and is offering citizens of the Damme community options to invest in the new project. The new turbines will be installed in autumn 2017 at a hub-height of 135 meters. In the framework of a full service contract, Siemens will care for smooth operation over a period of 15 years.

The citizens' wind park known as Bürgerwindpark Brebek GmbH & Co KG, situated in the northern part of Schleswig-Holstein, is building on the success of a previous project with Siemens wind turbines. For its new expansion project in the community of Karlum, the operator has ordered seven units of the type SWT-3.0-113. The

community wind farm association which will operate the project now consists of more than 280 citizens of the three municipalities in the region. Siemens will install the wind turbines in the spring of 2017 on steel towers at a hub height of 115 meters. After commissioning in the summer, Siemens Wind Power will also be responsible for service and maintenance over a period of 20 years. Similar to the predecessor Brebek wind farm, the new Karlum project utilizes the electromagnetic compatibility of the direct drive turbines to fulfill site-specific constraints to protect a neighboring military radio station.

“The further success of our direct-drive onshore wind turbines in the German market underlines the fact that our technology is now established as good choice for demanding sites,” states Thomas Richterich, CEO Onshore at Siemens Wind Power. “With the new generation of gearless wind turbines we have now expanded our portfolio to offer competitive solutions for inland low wind sites. This will enhance the popularity of our turbines in the middle and the south of Germany.”



Direct-drive wind turbines for northern Germany:

Siemens will install 13 more gearless wind turbines, such as the model SWT-3.0-113 unit shown here, at 2 projects in Lower Saxony and Schleswig-Holstein.

This press release and the press picture are available at

www.siemens.com/press/PR2017020202WPEN

For further information on Siemens Wind Power, please see www.siemens.com/wind.

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