



DolWin3 project makes major progress to supply 1 million German households with clean energy

- *Installation of power transformers represents a major project progress in the completion of the [HVDC DolWin3 project](#)*
- *Providing clean energy for 1 million households*
- *Project is on track for completion in 2017*

FRANKFURT – March 8, 2016 - GE (NYSE: [GE](#)) and transmission system operator TenneT have made another key project progress with the deployment and installation of two 685 MVA power transformers at the Dörpen West converter station for the DolWin3 High Voltage Direct Current ([HVDC](#)) project. The contract, awarded in February 2013 is on track to be completed in 2017.

DolWin3 is the third grid connection of the DolWin wind farm cluster, located in the south western region of the North Sea. This offshore grid connection project will feed up to 900 MW of wind energy to the German grid. Its completion will allow the delivery of clean energy to approximately one million German households.

The 685 MVA power transformers have been specially designed, manufactured and tested in GE's Mönchengladbach unit in Germany to meet the specific requirements of the DolWin3 project. Each transformer is equipped with a tap changer. This makes it possible for individual power flows to be adjusted so that the associated voltage fluctuations in the mains can be levelled out. They are also resistant to overloading, allowing energy generated from the wind farms to be permanently transmitted even in the case of outage of one power transformer. The Dörpen converter station inverts the energy transmitted from the offshore converter station DolWin gamma, feeding it directly into the extra-high voltage network of the transmission system operator, TenneT.

Gerhard Seyrling, Central Europe Region General Manager at GE's Grid Solutions, a division of GE Energy Connections said: *"We are very pleased with the progress of the DolWin3 HVDC project. We are on track with the project, from the construction of the onshore and offshore converter stations to the assembly of the connecting cables. The installation at Dörpen supports Germany in meeting its clean energy targets".*



About GE's Grid Solutions

Grid Solutions, a GE and Alstom joint venture, equips 90% of power utilities worldwide to bring power from the point of generation to end power consumers. With over 200 years combined experience in providing advanced energy solutions, our products and services enable more resilient, efficient and reliable power systems. Over 20,000 employees in 80 countries work to satisfy our customers globally. For more information, visit www.GEGridSolutions.com

About GE Energy Connections

GE Energy Connections designs and deploys industry-leading technologies that turn the world on. We transport, convert, automate and optimize energy to ensure we provide safe, efficient and reliable electrical power. Uniting all the resources and scale of the world's first digital industrial company, we connect brilliant machines, grids, and systems to power utility, oil & gas, marine, mining and renewables customers, that keep our world running.

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