

## **CG equipped “Deutsche Bucht” offshore substation topside sails out**

**Mumbai, March 20, 2019:** Avantha Group Company, CG Power and Industrial Solutions Limited (CG) through its wholly-owned subsidiary, CG Power Systems Belgium NV, Transformers Division (CG Belgium), in consortium has successfully installed electrical works and High & Medium Voltage Equipment for Northland Power’s “Deutsche Bucht” offshore wind farm substation. The topside for the substation was shipped out from the Damen Shiprepair yard in Vlissingen, the Netherland on March 19, 2019 to its offshore site located at northwest of Germany’s Borkum Island. The 269MW Deutsche Bucht will comprise of 33 MHI Vestas 8.4MW wind turbines installed on 31 monopile foundations and two mono bucket foundations.

The joint venture of Smulders-Eiffag was chosen by Van Oord for the engineering, procurement, construction and installation of the topside and jacket in which CG Belgium, was awarded contract for installation and commissioning of entire high and medium voltage equipment and electrical peripherals. This contract caters to the international market. The two main 210 MVA / 155kV Power Transformers, forming the core of the substation were manufactured at CG Belgium’s Transformer plant at Mechelen. CG Belgium also designed the overall main electrical system including the electrical control and protection systems of the high voltage substation. CG Belgium will also perform the offshore commissioning and support the energization of the substation & the wind farm expected by the end of year 2019.

CG Systems Division, Belgium is the pioneering offshore wind competence center of CG group and has successfully connected and integrated numerous offshore wind farms to the transmission grid, and can cater to offshore high voltage O&M specialists to ensure smooth operation of the electrical systems.

Commenting on the successful commissioning and installation of the project, CG’s CEO and Managing Director, Mr. K. N. Neelkant said: “With the successful sail out of the Deutsche Bucht, CG has demonstrated its ability to operate with a diversity of partners, making each project a success. This successful installation further confirms CG’s leading position in connecting renewable energy to the grid and paves way for further growth in renewable sector. We thank our partners and customers for their continued patronage and confidence in CG to ensure these major offshore wind project yield the envisaged returns for its investors.”

### **About CG Power and Industrial Solutions Limited**

*Avantha Group Company, CG Power and Industrial Solutions Limited (CG) is a global pioneering leader in the management and application of electrical energy. CG provides end-to-end solutions that meet all electrical needs of its customers. CG’s offerings include electrical products, systems and services for utilities, power generation and industries. For more information on CG, please visit: [www.cgglobal.com](http://www.cgglobal.com)*

### **About Avantha**

*Avantha Group’s entities in diversified sectors include CG Power and Industrial Solutions Limited (power transmission and distribution equipment and services), BILT (paper and pulp), The Global Green Company Limited (food processing), Biltech*



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*Building Elements Limited (infrastructure), Avantha Power (energy), Avantha Business Solutions Limited (IT and ITES), Jg Glass (glass containers), Avantha Agritech (farm forestry) and Avantha Ergo (life insurance).*  
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