

Press Release

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All 31 monopiles installed at Northland Power's offshore wind farm Deutsche Bucht

Work on inter-array cabling starts this spring

HAMBURG, 8. January 2019 – Northland Deutsche Bucht GmbH is pleased to announce that it has completed the installation of all 31 foundations. This successfully concludes the first phase of construction within the planned timeframe. Jens Poulsen, Project Director of Northland Deutsche Bucht GmbH, says: "Installation work on the construction site, which is more than 100 kilometers off the coast, is a real challenge in the winter months. But thanks to the flexible and efficient work of our project team and our contract partners, we were able to install all foundations safely and on schedule." The next construction phase, inter-array medium-voltage cabling, is set to start this spring.

Reloading of the foundations onto the installation vessel Scylla at the offshore base port in Cuxhaven went off without a hitch. The monopiles, measuring an average of 78 metres in length, were delivered from Rostock as needed and loaded directly onto the installation vessel. The transition pieces, which measure 26 meters in height and serve as connecting elements to the 8.4 MW wind turbine, were transported to Cuxhaven from their production location in Spain by heavy lift vessel. They were offloaded for interim storage in Cuxhaven until installation.

Further, two Mono Bucket foundations are to be erected in addition to the 31 monopiles during the second quarter of this year. Deutsche Bucht is the first offshore wind farm worldwide to test this innovative foundation under commercial operating conditions.

After its completion, the 269 MW offshore wind farm is expected to produce 1.1 billion kilowatt-hours annually, which will serve the energy needs of approximately 328,000 households.

ABOUT WIND FARM DEUTSCHE BUCHT

The Deutsche Bucht offshore wind farm will be constructed about 95 kilometres to the northwest of the North Sea island of Borkum in Germany's Exclusive Economic Zone (EEZ). The power plant with 33 wind turbines of type V164-8.4 by MHI Vestas will provide a grid capacity of close to 269 megawatts. Included in this, as part of a tender by the German Federal Network Agency (BNetzA) an additional 16.8 megawatts was allocated for two pilot wind turbines with the innovative Mono Bucket type of foundation. The Federal Maritime and Hydrographic Agency of Germany (BSH) granted its approval for this pilot project on 8 May 2018. In the future the offshore wind farm with 33 turbines will generate annually after deductions approximately 1.1 billion kilowatt-hours of eco-friendly electricity. This means the Deutsche Bucht wind farm will supply renewable energy equivalent to the annual demand of 328,000 households with an average of 3,440 kilowatt-hours each. Construction of the wind farm commenced in summer 2018. Completion of the commissioning phase is planned for the second half of 2019. As the general contractor for the Balance of Plant, Van Oord is responsible for the design, procurement, manufacturing, and installation of the foundations, the substation and inter-array cabling. On behalf



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of Northland Deutsche Bucht, K2 Management is responsible for project management throughout the construction phase of the wind farm. The offshore wind farm Deutsche Bucht is being built by the project company Northland Deutsche Bucht based in Hamburg, which is 100 per cent owned by Canadian power producer Northland Power Inc. For further information refer to www.owf-deutsche-bucht.de.

ABOUT NORTHLAND POWER INC.

Northland Power is an independent power producer founded in 1987, and publicly traded since 1997. Northland develops, builds, owns and operates facilities that produce 'clean' (natural gas) and 'green' (wind, solar, and hydro) energy, providing sustainable long-term value to shareholders, stakeholders, and host communities.

The Company owns or has an economic interest in 2,429 MW (net 2,014 MW) of operating generating capacity and 269 MW of generating capacity under construction, representing the Deutsche Bucht offshore wind project in the North Sea, in addition to its 60% equity stake in the 1,044 MW Hai Long projects under development in Taiwan.

Northland's common shares, Series 1, Series 2 and Series 3 preferred shares and Series C convertible debentures trade on the Toronto Stock Exchange under the symbols NPI, NPI.PR.A, NPI.PR.B, NPI.PR.C and NPI.DB.C, respectively. For further information refer to www.northlandpower.com

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