



Date: 7<sup>th</sup> November 2017

## **Galloper delivers first power**

- ***innogy leading construction and operation on behalf of all partners***
- ***Enough renewable energy for over 380,000 homes<sup>1</sup>***
- ***Milestone coincides with UK's third annual Offshore Wind Week***

innogy SE today [7<sup>th</sup> November] announced that Galloper Offshore Wind Farm has generated power for the first time on 5<sup>th</sup> November. The project achieved financial close in November 2015 and over the last two years, led by innogy, the project has been constructed from the onshore grid connection in Suffolk to the Galloper site 30km off the coast in the Thames Estuary.

First generation is a hugely significant milestone that signals the beginning of the process to bring all 56 wind turbines online which is expected to complete in early 2018.

The project is owned by innogy SE, Macquarie Capital, Siemens Financial Services and a consortium managed by Green Investment Group and Macquarie Infrastructure and Real Assets.

Commenting on the milestone, Project Director Toby Edmonds said: "We have generated in record time having built the offshore part of the project in a single year which is a fantastic achievement. It has been a superb team effort that has been made possible by everyone involved from the innogy project team to our contractors and partners."

He added: "Like this project, offshore wind turbine technology is moving at breath taking speed, and as a result we are also able to announce that working with Siemens Gamesa

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<sup>1</sup> Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlating to long term weather data. The calculations are based on an installed capacity of 353MW. The energy capture predicted and hence derived homes equivalent or emissions savings figures may change as further data are gathered. Equivalent homes supplied is based on an annual electricity consumption per home of 4100 kWh. This figure is supported by recent domestic electricity consumption data available from The Digest of UK Energy Statistics and household figures from the UK Statistics Authority.

we've been able to improve the turbines and increase the power from 6MW to 6.3MW from each one and 17MW across the entire wind farm. This additional power means we can supply a further 40,000 plus homes a year bringing the total to over 380,000 homes which is a huge contribution to the shift to low carbon energy in the UK.”

innogy commenced construction of the Galloper project following Financial Close and since then progress has been rapid. 2016 saw the start of offshore activity with foundation installation commencing and the first export cable being installed. This year the offshore substation, which was manufactured by Heerema at its fabrication base in Hartlepool on behalf of Alstom Petrofac Consortium, was completed in early May, along with the first turbine installation, and second export cable installation. To date, as well as reaching first generation, all 56 array cables have been placed and buried and 38 of fifty-six turbines are now in situ.

innogy is one of the leading renewable developers in the world, with a significant installed renewables capacity of 3.7GW. Currently innogy has more than 0.9GW of installed capacity in offshore wind, with six offshore wind farms in operation, two currently in construction including Galloper, and a number in development.

## **ENDS**

**For more information about the Galloper Wind Farm visit:**

[www.galloperwindfarm.com](http://www.galloperwindfarm.com)

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### **Notes to editor**

Galloper Offshore Wind Farm is a wind farm in construction about 30km off the coast of Suffolk. The wind farm represents an expected investment potential of around £1.5 billion. It is estimated that the average annual generation expected at the site will be equivalent to the approximate domestic needs of around 380,700 average UK households (FN1).

The Power Boost feature increases the power output of each turbine by 5%, from 6.0MW to 6.3MW, and is enabled by increasing the rotational speed of the turbine during certain conditions, most notably when the wind speed is at its strongest. This improvement to the turbine power curve increases the power output of the wind farm from 336 MW to 353MW.

### **About innogy SE**

innogy SE is Germany's leading energy company, with revenue of around €44 billion (2016), more than 40,000 employees and activities in 16 countries across Europe. With its three business segments Grid & Infrastructure, Retail and Renewables, innogy addresses the requirements of a modern, decarbonised, decentralised and digital energy world. Its activities focus on its 23 million customers, and on offering them innovative and sustainable products and services which enable them to use energy more efficiently and improve their quality of life. The key markets are Germany, the United Kingdom, the Netherlands and Belgium, as well as several countries in Central Eastern

and South Eastern Europe, especially the Czech Republic, Hungary and Poland. In renewable power generation, the company is also active in other regions, e.g. Spain, Italy and the MENA region (Middle East, North Africa), with a total capacity of 3.7 gigawatts. As a leader of innovation in future-oriented fields like eMobility, we are represented in the international hot-spots of the technology industry such as Silicon Valley, Tel Aviv, London and Berlin. We combine the extensive expertise of our energy technicians and engineers with digital technology partners, from start-ups to major corporates. With planned capital investments of around €6.5- €7.0 billion (2017-2019), we are building the power market of the future and driving forward the transformation of the energy market.

innogy is colourful, flexible and full of energy – let's innogize!

**Renewables**  
With an installed capacity of more than 900 megawatts in offshore wind and with over 1900 megawatts in onshore wind, innogy is one of the major operators in Europe. We plan, build and operate plants to generate power and extract energy from renewable sources. Our aim is to take the expansion of renewables in Europe further in the short term, both on our own and working with partners. We believe that working together in this way is the key to making the energy transition a success. Currently, we are particularly strongly represented in our home market, Germany, followed by the United Kingdom, Spain, the Netherlands and Poland. At the moment we are focusing on continuing to expand our activities in onshore and offshore wind power. We are also looking at entering new markets and technologies, such as large-scale photovoltaic plants.

**Galloper Project Partners**

