



28<sup>th</sup> December 2016

## **Foundation construction starts at Galloper Offshore Wind Farm**

- ***First of 56 turbine foundation installations***
- ***Major milestone in construction of 336MW wind farm***
- ***Foundations expected to be completed early summer 2017***

A major milestone was reached today (28<sup>th</sup> December 2018) with the successful installation of the first of fifty six turbine foundations at the 336MW Galloper Offshore Wind Farm. The wind farm is approximately 30km, off the coast of Suffolk.

The foundations are the steel monopiles and transition pieces placed into the seabed, which will provide a solid base for the 6MW Siemens wind turbines due to be installed from quarter two next year.

Project Director, Toby Edmonds, said: “It has been a tremendously exciting twelve months for the Galloper project, with a huge amount of progress both in terms of the onshore infrastructure and the offshore preparatory works. It is fantastic to have commenced turbine foundation installation, another major milestone for the project. From here-on-in, we will begin to see the offshore components of this nationally significant renewable energy project, really take shape.”

GeoSea, a specialist in complex offshore marine engineering projects, are managing the foundation installation and have sub contracted Sif Group and Smulders to produce the monopiles and transition pieces. The components are being loaded-out onto the GeoSea installation vessel, Innovation, in Rotterdam and Vlissingen with the installation phase planned to be complete by early summer next year.

Each of the foundation will be around 85m in length and 7.5m in diameter, and weigh around up to 1200 tonne. Tideway, part of Deme group, is carrying out the scour protection works for the foundations, with the programme of works, well underway.

Toby Edmonds added: “This time last year we had recently achieved Financial Close for the project and announced our new project partners. In the last year we have built the majority of the onshore substation infrastructure; connected the first of two export cables; opened the project Offshore Construction Coordination Base in Lowestoft; celebrated the Siemens assembly base ground-breaking ceremony in Great Yarmouth; and submitted the planning application for our Operations & Maintenance Base in Harwich. Next year, the bulk of our focus will, of course, be on offshore construction, but we will also be finishing the installation of the onshore electrical infrastructure and constructing the Operations & Maintenance base.”

Galloper Offshore Wind Farm is an extension of the existing and fully operational Greater Gabbard Wind Farm and represents an expected investment potential of around £1.5 billion. innogy SE is leading the development and construction of the project on behalf of its partners

who also include the UK Green Investment Bank, Siemens Financial Services and Macquarie Capital. Once operational it is estimated that the average annual generation expected at the site will be equivalent to the approximate domestic needs of around 336,000 average UK households<sup>1</sup>.

For more information about the Galloper Wind Farm visit: [www.galloperwindfarm.com](http://www.galloperwindfarm.com)

## Ends

## Project partners

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### Notes to editor

**Galloper Offshore Wind Farm** is an extension of the existing and fully operational Farm off the coast of Suffolk. The wind farm represents an expected investment billion. It is estimated that the average annual generation expected at the site will be approximate domestic needs of around 336,000 average UK households<sup>1</sup>. Following project in October 2015 the GWFL project announced the equal joint equity between RWE Innogy UK (now innogy SE), UK Green Investment Bank, Siemens Financial Services and Macquarie Capital.



Greater Gabbard Wind potential of around £1.5 equivalent to the Financial Close of the partnership of 25% each

### About innogy SE

innogy SE is Germany's leading energy company, with revenue of around €46 billion (2015), 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 MENAT region (Middle East, North Africa and Turkey), with a total capacity of 3.6 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 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 billion (2016-2018), we are building the power market of the future and driving forward the transformation of the energy market. innogy was formed from the restructuring of the RWE Group and started operations on 1 April 2016. Its IPO in October 2016 made innogy SE Germany's most valuable energy company. innogy is colourful, flexible and full of energy – let's innogize!

### Renewables

innogy is number three worldwide in offshore wind (as at March 2016), with an installed capacity of more than 900 megawatts. In onshore wind too, we are one of the major operators in Europe, with over 1800 megawatts. 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 as well as reinforcing hydro-electric power generation. We are also looking at entering new markets and technologies, such as large-scale photovoltaic plants, even beyond our core European markets. For further information: [www.innogy.com](http://www.innogy.com)

<sup>1</sup> Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlating to suitable reanalysis weather data providing longer term data. The calculations are based on an installed capacity of up to 336MW. 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 4500 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.