

Press release

RWE Renewables' first European battery storage project goes live in Ireland

- **8.5 megawatt hour battery storage facility will help rapidly balance grid fluctuations**
- **Development of battery storage is key to enhancing the role of renewables in Ireland's clean energy transition**

Essen, 14 April 2021

Katja Wünschel, COO Wind Onshore & Photovoltaic Europe & Asia-Pacific,

RWE Renewables: “The successful completion of our Stephenstown Battery Storage facility marks an important step in the continued growth of RWE Renewables' expertise across the entire renewables value chain in Europe. The delivery and operation of this project provides an important opportunity for us to demonstrate the capabilities of battery storage technology and to learn valuable lessons for projects in development. Strategically, the operation of our first project means that not only are we a leading company in wind and solar power, we have capabilities in battery storage technology that can help safely manage fluctuations in the grid due to the intermittent feed-in of renewable energies.”

RWE Renewables' first European-based battery storage project has entered full operations in Ireland. The 8.5 megawatt hour (MWh) battery storage facility will be capable of providing a rapid delivery of electricity into the power grid in order to balance fluctuations resulting from the growing proportion of electricity generated by intermittent renewables.

The site is located in Stephenstown, Balbriggan, in County Dublin and is the first of two battery storage facilities that RWE, one of the world's leading renewable energy companies, will bring online in Ireland this year.

Cathal Hennessy, Country Chair, RWE Renewables Ireland, said: “Stephenstown is a utility-scale battery storage investment, in a market which is already committed to renewable energies, and which provides dedicated support for battery storage. Ireland is an excellent starting point for RWE Renewables as we look to expand and grow our battery storage technology business and become a key partner in Ireland's low carbon energy transition.”

RWE

The Stephenstown battery storage plant will provide critical system services to help ensure a smooth flow of electricity into the grid, as Ireland continues its transition into renewable energies. In the first half of 2020 Irish onshore wind farms generated nearly 37% of the country's electricity needs, making Ireland an important market for onshore wind. Ireland has set a target of generating 70% renewable electricity by 2030. Deployment of battery storage like Stephenstown, will be capable of responding in milliseconds to frequency changes, importing or exporting electricity from the grid as needed, and helping efficiently stabilise the grid, while guaranteeing reliable electricity supply for users.

RWE Renewables has been in Ireland since 2016 and now has two offices; one in Kilkenny City and one in Dun Laoghaire, County Dublin. In 2018, the company constructed, and now operates the 10 MW Dromadda Beg Onshore Wind Farm, located in County Kerry, RWE's first onshore wind farm in the country. The Irish development team is exploring further renewable projects and opportunities. A planning application was submitted earlier this year for the 62 MW Lyre Onshore Wind Farm, located on the borders of County Cork. Offshore, RWE is developing in partnership with Saorgus Energy the Dublin Array offshore wind farm, which would have an installed capacity of between 600 to 900 MW. RWE is also developing new solar and battery storage projects, including the Lisdrumdoagh facility.

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Pictures of Stephenstown Battery Storage for media use (credit: RWE) are available at the [RWE Media Centre](#).

RWE Renewables

RWE Renewables is one of the world's leading renewable energy companies. With around 3,500 employees, the company has onshore and offshore wind farms, photovoltaic plants and battery storage facilities with a combined capacity of approximately 9 gigawatts. RWE Renewables is driving the expansion of renewable energy in more than 15 countries on four continents. From 2020 until 2022, RWE Renewables targets to invest €5 billion net in renewable energy and to grow its renewables portfolio to 13 gigawatts of net capacity. Beyond this, the company plans to further grow in wind and solar power. The focus is on the Americas, the core markets in Europe and the Asia-Pacific region.

German General Data Protection Regulation (GDPR)

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