



# Ireland Outdoor Power BESS





## Overview

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Construction is underway by Statkraft at Ireland's first 4-hour grid-scale battery energy storage system (BESS) in County Offaly, in Ireland's midlands. The 20MW, 4-hour BESS solution is supplied by a global market leader in utility-scale energy storage solutions and services .

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Ireland's market for battery energy storage (BESS) is likely to continue to decline after a brief ramp up around six years ago. Where developers once had a degree of certainty as part of the DS3, its ancillary market services framework, changes to that scheme are causing major uncertainty among.

Cushaling 4-hour BESS in foreground, with new 110kV substation in the background. Image: Natural Power Statkraft's Rory Griffin writes about the challenges and opportunities encountered in developing Ireland's first-ever 4-hour duration battery storage project, which is co-located with a wind farm.

Irish state-owned electricity company ESB has opened a 150MW/300MWh battery energy storage system (BESS) at its Aghada site in Co Cork. ESB partnered with Fluence and Powercomm Group to deliver this project. Image: ESB. Irish state-owned electricity company ESB has opened a 150MW/300MWh battery.

Leading renewable energy consultancy Natural Power has supported Statkraft, Europe's largest producer of renewable energy, in the successful delivery of the Cushaling Wind Farm and co-located battery energy storage system (BESS) in County Offaly, Ireland — now fully energised and operational. The.

SSE Renewables now has a 300MW BESS pipeline in Ireland. Image: SSE Renewables SSE Renewables has taken ownership of a 120MW/240MWh battery energy storage system (BESS) project under development in Ireland's Midlands. SSE Renewables acquired the project development rights for the Thornsberry BESS.



SSE Renewables has acquired development rights from Low Carbon's Grid Systems Services for a 120MW/240MWh grid-scale battery energy storage system (BESS) project in County Offaly, Ireland. The Thornsberry BESS project near Tullamore has received planning consent and grid connection approval. Which energy company is launching a Bess system in Ireland?

Last July, Neoen Renewables Ireland Ltd, a French renewable energy company, announced a 149.6MW BESS on an 8.5ac site near Portarlinton, Laois. Just last week, the ESB opened a 75MW/150MWh BESS at the Poolbeg Energy Hub in Dublin. The system is Ireland's largest so far and is part of its €300m BESS portfolio.

Does SSE have a battery storage system in Ireland?

SSE has grown its secured battery energy storage system (BESS) pipeline in Ireland to 300MW with the acquisition of the 120MW/240MWh Thornsberry BESS project near Tullamore, County Offaly. Pictured is the company's 50MW battery storage facility in Wiltshire, England.

What's happening in Ireland's first four-hour grid-scale Bess project?

Last September, Statkraft announced that it is to build Ireland's first four-hour grid-scale BESS in Offaly. The 20MW BESS will be co-located with Statkraft's 55.8MW Cushaling Wind Farm, which is under construction. Many BESS projects are set to be rolled out at pace.

What are the market opportunities for Bess in Ireland?

For market access for BESS in Ireland, there are currently three revenue streams: the DS3 system services market, the capacity market and ISEM energy trading opportunities. With each of these markets having its own challenges, it can come down to how an individual developer forecasts them and their risk appetite.



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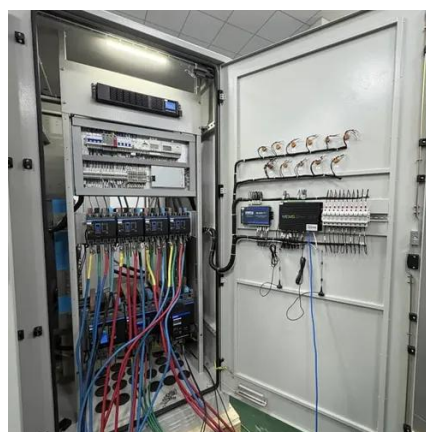


### [Longer-duration and wind co-location at Ireland's ...](#)

Construction is underway by Statkraft at Ireland's first 4-hour grid-scale battery energy storage system (BESS) in County Offaly, in ...

### [SSE Renewables acquires 120MW/240MWh Irish BESS](#)

Exciting new BESS technology could soon make its way to Ireland's shores. FuturEnergy has chosen Ireland as the location for what, if approved, will be Europe's first iron ...



### **SSE acquires 120MW/240MWh battery storage project in County ...**

Under the deal, SSE Renewables has acquired the consented Thornsberry BESS project from Grid Systems Services Limited, a developer of grid-scale battery storage projects ...



### **ESB launches 150MW/300MWh Irish BESS**

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### Battery storage - the most valuable lease in ...

Battery energy storage systems, or BESS for short, are a relatively new development in Ireland and, if built on your farm, it could be ...

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## Why Ireland's 10 GW energy storage pipeline is delayed by ...

"The fundamentals for storage are really strong in Ireland, because we're a relatively isolated system on the periphery of Europe. As we get to 2030 and Ireland starts ...



## Battery Energy Storage Solutions (BESS) in Ireland and the Key

In our latest Energy Essentials podcast we introduce the Battery Energy Storage Systems (BESS) market in Ireland and Northern Ireland, discuss the key challenges facing it ...





## Battery storage - the most valuable lease in Ireland?

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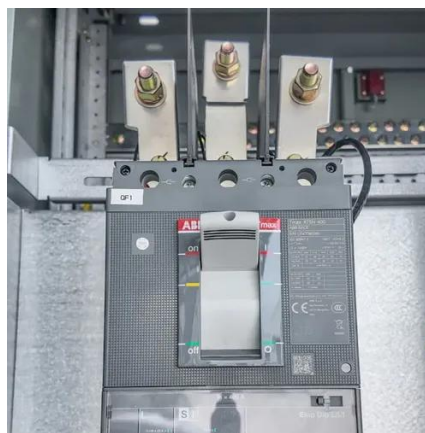


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## **Natural Power supports Statkraft's landmark Cushaling Wind ...**

Leading renewable energy consultancy Natural Power has supported Statkraft, Europe's largest producer of renewable energy, in the successful delivery of the Cushaling ...





## Contact Us

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