

Ireland's cascaded energy storage power station

Where is Ireland's First 4-hour grid-scale battery energy storage system being built?

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, Fluence.

Which battery energy storage systems are available in Ireland?

The Kylemore Battery Energy Storage System in Dublin went into operation in 2023 and has the capability of providing 30MW of fast-acting storage. The South Wall Battery Energy Storage System went live in 2023 and has the capability of providing 30MW of fast-acting energy storage.

How many MW of battery storage capacity are there in Ireland?

We currently have more than 300MW of battery storage capacity in operation in Ireland, making it one of the largest battery portfolios in Europe. We plan to develop a pipeline of large scale battery projects, as well as additional renewable enabling technologies.

What is Ireland's energy storage framework?

The framework recognises that the energy storage landscape is rapidly evolving. While Ireland currently relies primarily on battery storage and the Turlough Hill Power Station in County Wicklow, new technologies are emerging that could play a key role in the future.

Fully operational since June 2022: With a capacity of 60 megawatts and 34 megawatt hours (MWh), the Lisdrumdoagh Energy Storage Facility can feed electricity into the grid at very ...

Tenders Ireland's long-duration storage path is set: Four hours, high-efficiency, and 201 MW by 2030 EirGrid, the transmission system operator (TSO) for the Republic of ...

Long-term growth The framework recognises that the energy storage landscape is rapidly evolving. While Ireland currently relies primarily on battery storage and the Turlough ...

The Electricity Storage Policy Framework presents 10 government actions to support the role of electricity storage systems in Ireland's energy transition, identifying the key ...

The benefits of longer-duration storage and energy project co-location: Ireland's first 4-hour grid-scale BESS. Construction is underway by Statkraft at Ireland's first 4-hour grid ...

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Statkraft's Rory Griffin writes about the development of Ireland's first 4-hour duration battery storage

project, co-located with wind.

Battery Storage Our Battery Storage Ambitions We are at the forefront of developing battery systems, supporting the decarbonisation of Ireland's electricity system. We currently have ...

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