

# Ireland hybrid energy storage project



## Overview

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Norwegian energy company Statkraft has completed and energised a hybrid renewable energy project in County Offaly, Ireland, combining a 55.8 megawatt (MW) wind farm with a 20MW battery energy storage system. Prime minister (Taoiseach) Michael Martin marked the start of construction yesterday (6 September) at the project, called. Siemens Energy is set to deploy the "first" synchronous condenser and a battery energy storage system (BESS) with a capacity of 160MWh for a hybrid project in Ireland. Siemens. The Kylemore Battery Energy Storage System in Dublin went into operation in 2023 and has the capability of providing 30MW of fast-acting storage. April 2025 This report by Cornwall Insight examines the potential for.

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### [Ireland: Work starts on 170MWh hybrid energy storage project](#)

Construction has started on a project in Ireland pairing a battery energy storage system (BESS) with a synchronous condenser, developed by Lumclon Energy and Hanwha Energy.

### [Statkraft Commissions Ireland's First Hybrid Wind and Battery Energy](#)

Norwegian energy company Statkraft has completed and energised a hybrid renewable energy project in County Offaly, Ireland, combining a 55.8 megawatt (MW) wind farm with a 20MW ...



### ['First' synchronous condenser-BESS hybrid project to be deployed in Ireland](#)

Siemens Energy is set to deploy the "first" synchronous condenser and a battery energy storage system (BESS) with a capacity of 160MWh, for a hybrid project in Ireland.

## Publications

This report by Cornwall Insight examines the potential for hybrid sites (i.e. energy storage co-located with wind or solar pv) on the island of Ireland and the benefits these can bring to the grid and to ...



[Two become one: Siemens Energy combines two technologies to ...](#)

Siemens Energy will deliver the first-ever hybrid grid stabilization and large-scale battery storage plant at Shannonbridge in Ireland. This is the first time, these two technologies have been ...



[Flywheel Energy Storage Projects](#)

Schwungrad will develop and perform operational testing of a flywheel battery hybrid energy storage plant connected to the 110kV electrical grid to demonstrate the provision of fast acting stabilisation ...



[Siemens Energy combines synchronous condenser and battery tech ...](#)

To stabilise the grid as demand surges, Siemens Energy will deliver what they are calling the first-ever hybrid grid stabilisation and large-scale battery storage plant at Shannonbridge in Ireland.

[An energy storage facility with a synchronous compensator from ...](#)

Siemens Energy intends to deploy a hybrid energy storage facility in Shannonbridge, comprising a synchronous device, a 160 MWh battery, a power conversion system, energy ...



**Battery Storage**

We currently have more than 300MWs 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 ...



[SPP offloads 211-megawatt solar and battery ...](#)

A partnership between Irish renewable energy group NTR ...



Photo: Siemens Energy, Photo: Siemens Energy

[SPP offloads 211-megawatt solar and battery project in Louth](#)

A partnership between Irish renewable energy group NTR and London-based Legal & General (L& G) has acquired a 211-megawatt (MW) hybrid solar and battery storage project in Louth ...



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