

Ireland hybrid energy storage project



Overview

The Shannonbridge B Synchronous Condenser and Battery Energy Storage System (BESS), which helps to significantly improve Ireland's energy security and enhances grid resilience, is a state-of-the-art development completed earlier this year.

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Blueprint for Intelligent Economies - AI Competitiveness through

Blueprint for Intelligent Economies - AI Competitiveness through Regional Collaboration 2025 provides guidance for nations to achieve a successful AI revolution, irrespective of their level of

Ireland's inspiring idea to go greener

Ireland has ambitious plans to harness the power of trees, combating climate change and making the Emerald Isle even greener.



[Everything you need to know about Ireland's economy](#)

Although it was among the nations hardest hit by the 2007/8 economic crisis, Ireland's economy has bounced back.

These countries are paying people to move to the countryside

From Japan and Portugal to Ireland and Australia, some countries will fund your escape to the countryside. Here are some examples of rural relocation grants.



[Form Energy and FuturEnergy Ireland](#)



[Announce Agreement To](#)

Somerville, MA - Form Energy, an American energy storage company, and FuturEnergy Ireland, a leading Irish clean energy developer, today announced an agreement to jointly deploy a 10

[Ireland's Path Forward: Energy Storage Systems , IDA Ireland](#)

Energy storage systems are vital to Ireland's renewable ambitions. Learn how batteries, long-duration storage and grid upgrades help deliver clean power



Ireland's first hybridised grid-stabilisation system officially opened

The project is the first in Ireland to combine a hybrid system of energy storage technologies, including a 4,000MVA Synchronous Condenser and a 180 MWh Battery Energy

Tyndall National Institute

Tyndall is host to both the Irish Photonic Integration Centre (IPIC) and the Microelectronics Circuits Centre Ireland (MCCI), and is a collaborator in the CONNECT Centre for Future Networks &



Global Gender Gap 2024: What needs to happen to reach gender parity?

The majority of the top 10 most gender-equal countries are in Europe, with Ireland and Spain re-

entering the top 10 this year. Here's what you need to know about the four gender gaps

[How AI can empower, not replace, human creativity](#)

Ethical standards, collective action and responsible innovation will ensure AI elevates human creativity rather than sidelining it.



[Siemens with synchronous condenser-BESS hybrid in](#)

The Germany-headquartered energy technology firm will deliver the technology for the hybrid grid stabilisation and large-scale battery storage plant,

['First' Synchronous Condenser-Bess Hybrid Project to](#)

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



Battery storage - a key pillar of enabling a net zero carbon emissions

We are investing up to EUR300m in the technology but are still just at the beginning of this journey: as part of our pathway to net zero, we plan to have multiples of our current battery storage,

[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



Paschal Donohoe , World Economic Forum

Paschal Donohoe was appointed Managing Director and Chief Knowledge Officer of the World Bank Group in November 2025. An Irish national, he leads the institution's Knowledge Bank agenda,

Simon Harris , World Economic Forum

Simon was re-elected as TD for Wicklow and East Carlow in the February 2016 General Election and subsequently appointed Minister for Health. He is the current Taoiseach of Ireland.



[Leading renewable energy consultancy completes](#)

Construction of the battery project was initially expected to be completed by late 2024. The battery system enables energy from renewable

Ireland opens synchronous condenser, BESS hybrid project , Energy

A ribbon cutting has been held for Ireland's first hybridised grid-stabilisation system, which combines a 4,000-MVA synchronous condenser and a 180-MWh battery energy storage system





[Davos 2025: What to expect and who's coming?](#)

Davos 2025, the Annual Meeting of the World Economic Forum, takes place from 20-24 January under the theme, Collaboration for the Intelligent Age.

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



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