
Irish Sunshine Energy Storage Project

What's going on with energy storage in Ireland?

An artist's impression of the planned Ballynahone Energy Storage plant in Donegal. The proposed concept will be the first battery storage project of its kind in Europe. Bobby Smith, head of Energy Storage Ireland, highlights a critical need for clear policy and infrastructure development to ensure Ireland meets its renewable energy goals.

Could a new battery storage project be a ground breaking development in Ireland?

In a ground breaking development for renewable energy in Ireland, FuturEnergy Ireland has proposed a pioneering iron-air battery storage project in Donegal County. If approved, this 1 GWh facility would be the first of its kind in Europe, capable of storing energy for up to 100 hours.

Could a 1 GWh solar system revolutionise energy storage in Ireland?

If approved, this 1 GWh facility would be the first of its kind in Europe, capable of storing energy for up to 100 hours. As Sun Arc Solar Systems leads the way in solar installations across Ireland, this new technology has the potential to revolutionise how solar energy is stored and utilised, creating a more resilient and reliable energy system.

Where are Ireland's most exciting energy projects being developed?

Photograph: Bloomberg One of Ireland's most exciting and important energy projects is quietly being developed at a remote outpost in Donegal, not far from Malin Head.

Ireland's market for battery energy storage (BESS) is likely to continue to decline after a brief ramp up around six years ago. Where ...

Once operational, the project will help strengthen Northern Ireland's electricity network by providing flexible energy storage capacity to support renewable generation. The ...

SSE has revealed the final investment decision (FID) for the Derrymeen battery energy storage system (BESS), a 100MW facility to be constructed in County Tyrone, Northern ...

The Benefits of Hybrid Sites April 2025 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 ...

SSE Renewables amplifies its green energy mission by acquiring a 120-MW battery project in Offaly, propelling Ireland's storage capacity and paving the way for a sustainable future.

Bobby Smith, head of Energy Storage Ireland, highlights a critical need for clear policy and infrastructure development to ensure ...

Ireland surpassed 2.1 GW of installed solar capacity in November 2025, and the country's solar association, Solar Ireland, has revealed that 1 GW of this is from rooftop ...

Bobby Smith, head of Energy Storage Ireland, highlights a critical need for clear policy and infrastructure development to ensure Ireland meets its renewable energy goals.

Ireland's Transition to Renewable Energy Storage The shift towards renewable energy has long been focused on generating clean power through wind and solar. However, ...

In 2021 energy experts Baringa estimated that to hit the 80 per cent renewable electricity targets in Ireland and Northern Ireland by 2030 we would need at least 1,700 MW of ...

EnergyPathways has revealed more details of its planned Marram Energy Storage Hub (MESH) in the East Irish Sea and the technical design for the development's initial phase.

SSE has approved final investment for the 100MW Derrymeen battery storage project in Northern Ireland. The facility will provide 200MWh of storage to balance the grid and ...

The SEA Kilcoy solar farm is a 1.5GW solar photovoltaic (PV) project under construction along with a 500MWh battery storage facility in Queensland, Australia. It will be ...

At a Time of Climate Crisis: Pioneering Donegal project shows how long-duration energy storage can make a big contribution

SSE plc has announced a final investment decision to construct a new 100MW Battery Energy Storage System (BESS) in County Tyrone, Northern Ireland. The Derrymeen facility, ...

The first 4-hour battery storage project in Ireland exemplifies challenges and opportunities of the country's growing and evolving market.

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