

# Irish Energy Storage Frequency Regulation Project





## Overview

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What is Ireland's Electricity storage policy framework?

The policy framework is a first of kind policy, which clarifies the key role of electricity storage in Ireland's transition to an electricity-led system, supporting Ireland's 2030 climate targets, it may be considered as a steppingstone on Ireland's path to net zero carbon emissions.

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.

Should 'long duration' electricity storage systems be integrated into Ireland's Electricity Grid?

In this regard, greater emphasis is placed on ensuring 'long duration' electricity storage systems – systems that have the capacity to deliver electricity throughout at least a four-hour period – are integrated into Ireland's electricity grid.

Is Ireland a game changer for long duration energy storage?

Ireland – A Game Changer for Long Duration Energy Storage?

This is the first electricity storage policy published in Ireland. The Irish Government's Climate Action Plan 2021 set out the need for an energy storage policy for Ireland to support 75% reduction in power sector CO2 emissions by 2030.



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### [Ireland's electricity storage policy vital to clean energy drive](#)

Sep 2, 2024 · With a recent policy statement, Ireland is seeking to accelerate the growth and integration of battery and other storage systems into Ireland's electricity grid.



### [Hanwha Energy Promotes Third ESS Project in Ireland](#)

Oct 11, 2022 · The Shannonbridge B project is Hanwha Energy's third ESS project in Ireland, following the two 60-MWh Frequency Regulation (FR)\* ESS projects, 120-MWh in total, ...

### [Government outlines electricity storage future - Energy Ireland](#)

Oct 7, 2024 · System services: Electricity storage systems provide ancillary services like frequency and voltage regulation, ensuring that the grid remains balanced and stable even ...



### [Ireland - A Game Changer for Long Duration Energy ...](#)

Aug 25, 2025 · The Irish Government's Climate Action Plan 2021 set out the need for an energy storage policy for Ireland to support 75% reduction in power sector CO2 emissions by 2030.



### Energy storage system and applications in power system frequency regulation

Sep 20, 2025 · As renewable energy sources (RESs) increasingly penetrate modern power systems, energy storage systems (ESSs) are crucial for enhancing grid flexibility, reducing ...



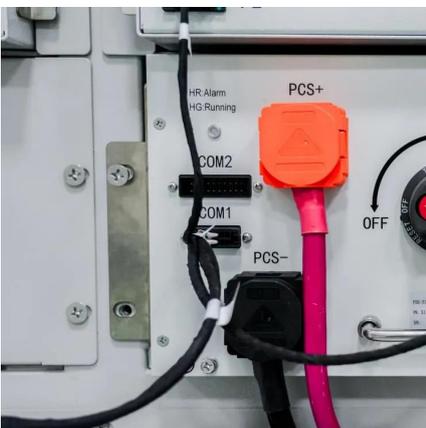
### Irish energy industry calls for 500 MW of storage capacity by ...

Dec 3, 2025 · Irish grid operator EirGrid set the proposed minimum procurement for long duration energy storage procurement at 201 MW, well below its initial 2030 goal of 500 MW of storage ...



### [Clarity on battery policy vital for Irish energy goals](#)

Jun 1, 2025 · 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.





## [Electricity Storage Policy Framework](#)

Jul 4, 2024 · 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 ...



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