



MODERNIZATION SOLAR

Irish independent energy storage project





Overview

When will long duration energy storage be available in Ireland?

The Irish Electricity Storage Policy Framework, published after this data was collected, indicates that an immediate route to market for 500 MW of long duration energy storage is currently being developed, with further studies planned to support long duration storage from 2030 to 2040 (Government Of Ireland 2024a).

What are the benefits of a gas storage facility in Ireland?

These include: Re-uses the only proven gas storage facility in Ireland (sustainability). Provides in country large scale energy storage (security of supply). Provides 100% back-up for energy system (system resilience/security). Provides a pathway for future hydrogen storage (decarbonisation).

Which battery energy storage systems are available in Ireland?

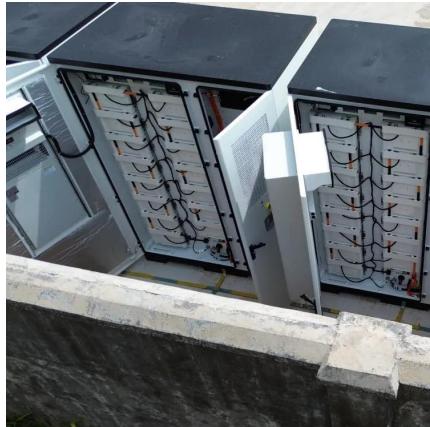
The Kylemore Battery Energy Storage System in Dublin went into operation in 2023 and has the capability of providing 30MW of fast-acting storage. The South Wall Battery Energy Storage System went live in 2023 and has the capability of providing 30MW of fast-acting energy storage.

What changes are needed to increase energy storage development in Ireland?

The focus group participants noted several key second stage policy areas that required changes in order to increase the amount of energy storage development in Ireland. These included legislative changes, adjustments to the planning approval process, the development of forecasting models, grid improvements and the introduction of targets.



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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 ...

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[Energy Storage Ireland Pipeline Survey 2025](#)

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Ireland in line for 1 GWh iron-air battery storage project

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Ireland in line for 1 GWh iron-air battery ...

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Battery Storage

Aghada Battery Project, Co Cork We commissioned our first battery energy storage system at our Aghada generating site in Co Cork in 2022, capable of generating 19MW. We added a second ...



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[Ireland Powers Up with Largest Battery Energy Storage Facility](#)

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[Unlocking the potential: Insights from industry on barriers, ...](#)

Dec 1, 2024 · The energy storage sector across Europe faces many financial, regulatory and policy barriers which has to date hindered development in many countries. This study ...



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