



What does the energy storage policy mean for Ireland?

This policy will also maintain a technological neutral approach and ensure that any associated Government supports will reflect this neutrality. This policy framework presents 10 Government actions to support the role of electricity storage systems in Ireland's energy transitions.

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 is electricity storage in Ireland?

(Chapter 2 refers). While the present composition of electricity storage on the island of Ireland is in the main comprised of Battery Energy Storage Systems (BESS) and a Pumped Hydro Storage (PHS) facility, this is in large part due to these technologies being to date the best equipped to provide grid services and to meet peak demand.

How can storage technology support the electricity system in Ireland?

Storage technologies are already playing an important role in supporting the electricity system in Ireland. The combined storage capacity currently connected to the grid in Ireland is approximately 792MW. This consists of approximately 500MW lithium-ion batteries, with an average duration of less than one hour, providing system services.

Is electricity storage a viable flexibility solution in Ireland?

This is progressing in Ireland through the delivery of ESB Network's National Network, Local Connections Programme. As set out in the previous section, there are many locations where the scale of congestion arising means that electricity storage is the only viable flexibility solution.

Are energy storage units double charged in Ireland?

explicitly defined in legislation and subsequent regulation until recently. Energy storage units were double charged in Ireland until 1 October 2020 at which point, in an interim decision, the CRU directed EirGrid to

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cease charging



This report seeks to assess the potential for Long Duration Energy Storage technologies (LDES) in Ireland, focusing on barriers and opportunities for the sector. The report focuses on policy, regulatory and market based opportunities and challenges, as the first step in understanding the market landscape for the sector. In our report we have:



In June 2020, the Government released Ireland's Long Term Renovation Strategy which stated that to meet Ireland's national and international emissions targets, our building stock needs to be highly efficient and largely decarbonised by 2050. This will be achieved through a multipronged approach.



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One answer lies in battery energy storage systems (BESS). This technology makes it possible to store energy from renewable sources and release it when power is needed most, helping to balance out supply and demand on the electricity network. while also strengthening the security of Ireland's energy supply. A vital element of our future

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The Department of the Environment, Climate and Communications has opened a consultation on electricity storage. The aim of this consultation is to gather the views of all interested parties to inform the development of a new electricity storage policy for Ireland.



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