

## Solar Storage Container Solutions

# UK Energy Storage Project Grants





## Overview

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The UK Department for Energy Security and Net Zero (DESNZ) is providing £30 million (US\$37.5 million) in grants for long-duration energy storage (LDES) projects from Synchrostor, Invinity Energy Systems and Cheesecake Energy. What is the UK's energy storage Investment Support Scheme?

Credit: David Pimborough / Shutterstock. The government of the UK has launched a new investment support scheme aimed at bolstering the country's energy storage infrastructure. The initiative aims to encourage the development of long-duration energy storage (LDES) facilities, which have not seen significant investment in nearly four decades.

Could a new energy storage scheme help the UK achieve energy independence?

The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure. This could see the first significant long duration electricity storage (LDES) facilities in nearly 4 decades, helping to create back up renewable power and bolster the UK's energy security.

What is the long duration energy storage Investment Support Scheme?

Long Duration Electricity Storage investment support scheme will boost investor confidence and unlock billions in funding for vital projects. The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure.

Which energy storage projects are receiving funding today?

The energy storage projects receiving funding today include: StorTera Ltd, based in Edinburgh, will receive £5.02 million to build a prototype demonstrator of their sustainable, efficient, and highly energy dense single liquid flow battery (SLIQ) technology.

Can energy storage improve the resilience of the UK's electricity grid?



Over £32 million government funding has been awarded to UK projects developing cutting-edge innovative energy storage technologies that can help increase the resilience of the UK's electricity grid while also maximising value for money. Courtesy of NREL.

Could long duration electricity storage be the UK's first energy storage facility?

This could see the first significant long duration electricity storage (LDES) facilities in nearly 4 decades, helping to create back up renewable power and bolster the UK's energy security. These technologies work like giant batteries by storing renewable energy and releasing it onto the grid and into homes when needed.



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### Longer Duration Energy Storage (LoDES) Demonstration Programme

Feb 23, 2022 · Projects which received funding through the Longer Duration Energy Storage Demonstration Programme Stream 1 (Phases 1 and 2) and Stream 2 (Phases 1 and 2).

### Costain study to enable ambitious energy storage project

Jul 24, 2025 · "MESH is an ambitious, exciting project that will enhance the UK's energy resilience, and enable more clean energy generation through large-scale energy storage."

...



### UK government grants £30 million for long duration energy storage

Apr 13, 2023 · Edinburgh-based Synchrostor is building a pumped thermal energy storage (PTES) demonstration project with 1MW of power, 10MWh of energy storage, and 10 hours of duration. ...



### UK government awards funding to longer-duration energy storage ...



Feb 23, 2022 · The first awards of funding designed to "turbocharge" UK projects developing long-duration energy storage technologies have been made by the country's government.



## Find energy grants for your home (Help to Heat) ...

Jul 29, 2022 · The Energy Company Obligation (ECO) is a requirement for energy suppliers to help households reduce the costs of their home heating by fitting ...

## UK Energy Storage Observatory

Jan 1, 2016 · Description: UKESTO showcases national energy storage innovation, describing energy storage facilities in the UK and providing data from test beds. In 2012 the Engineering ...



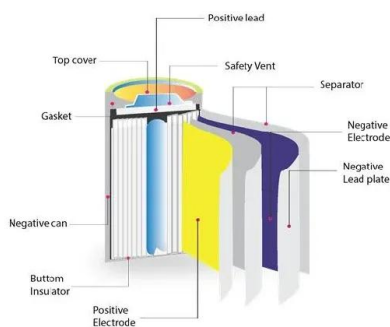
## UK Government Support for Green Energy

Apr 29, 2025 · A range of schemes, spanning subsidies, grants, and tax incentives, encourage investment in renewable technologies, promote energy efficiency, and facilitate the transition ...



## Funding Sources for Energy Innovation in the UK

Mar 6, 2023 · Innovate UK Innovation Loans UK registered businesses can apply for loans for innovative projects with strong commercial potential to significantly improve the UK economy. ...



## EDF UK long-duration energy storage projects win UK ...

Mar 17, 2022 · EDF UK has received £2 million in funding from the Department for Energy Security and Net Zero (DESNZ) to support four innovative methods of storing electricity for ...



## Energy Systems and Energy Storage Lab

Jun 9, 2025 · The project is all about developing the large scale, long duration energy storage that the UK needs to become majority (or totally) renewables powered in future. We have identified ...



## Hydrogen research hub UK- HyRES funds 10 new projects to ...

Jan 17, 2025 · This project aims to implement a systematic, performance-enhancing approach for the highly efficient and low-energy catalytic synthesis of ammonia from atmospheric Nitrogen. ...



## Top five energy storage projects in the UK

Sep 10, 2024 · The Fortress Solar PV Park-Battery Energy Storage System is a 150,000kW lithium-ion battery energy storage project located in Kent, England, the UK. The electro ...



Standard 20ft containers



Standard 40ft containers



## New scheme to attract investment in renewable energy storage

Oct 10, 2024 · Government will unlock investment opportunities in vital renewable energy storage technologies to strengthen energy independence, create jobs and help make Britain a clean ...

## Ofgem super-charging clean power storage for first time in ...

Apr 8, 2025 · If the UK establishes a strong domestic energy storage industry, it can export storage capacity and technologies. Storage would reduce the UK's dependence on costly, ...



## UK Government supports energy storage with over £32 ...

Nov 28, 2022 · Five projects based across the UK will benefit from a share of over £32 million in the second phase of the Longer Duration Energy Storage (LODES) competition, to develop ...



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