

The UK plans to invest in energy storage power stations

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.

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.

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.

Will SSE Renewables invest in the UK's largest natural battery?

When commissioned, it would become the UK's largest natural battery, providing vital back up for renewable power. SSE Renewables hopes to make a final investment decision on the 1.3GW project pending successfully securing a cap and floor agreement in an appropriately designed scheme. Robert Bryce, Director of Hydro, SSE Renewables, said:

What if the UK has a strong energy storage industry?

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, polluting and uncertain fossil fuel imports. Great Britain currently has 2.8 gigawatts (GW) of LDES across four Pumped Storage Hydro (PSH) facilities in Scotland and Wales.

What is the biggest battery storage project in the UK?

The 1,400MW(3,100MWh) project will be the largest battery storage project in the UK, and one of the largest in Europe. The project was approved by Doncaster Council on 28 January 2025 and will help strengthen the local economy by creating jobs during the construction and operation of the facility.

2 days ago; Fidra Energy, a European battery energy storage system (BESS) platform headquartered in Edinburgh, UK, today announced it has secured up to £445 million of new ...

The UK arm of the European energy group said it will apply for planning permission for the first of three battery gigaparks this year and 10 more in 2025. NatPower has ...

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Long Duration Electricity Storage investment support scheme will boost investor confidence and unlock billions in funding for vital projects. The ...

The project is being developed on ~55 acres of land that formed part of a former coal station site and adjacent to an existing National Grid ...

EP UK Investments (EPUKI) has secured a 15-year contract to build a large-scale combined CCGT power project and battery storage project ...

It is underpinned today with the announcement by the UK Government of a support mechanism expected to help pave the way for new energy projects such as pumped ...

The UK arm of the European energy group said it will apply for planning permission for the first of three battery gigaparks this year and 10 ...

BP signed an agreement with battery storage investment company Harmony Energy Income Trust (HEIT) in September last year to provide physical power trading and ...

(Bloomberg) -- The UK government is launching a new funding program to unlock investment in long duration storage, a key part of its drive to optimize the expansion of ...

SSE Renewables, part of British utility SSE PLC (LON:SSE), in partnership with a group led by Gilkes Energy, on Monday unveiled a plan to ...

A new era for renewable power and energy security begins today (Tuesday 8 April) as Ofgem launches a new cap and floor investment support scheme, unlocking billions in ...

SSE welcomes today's announcement by the UK Government confirming its decision to finalise and implement a cap and floor investment framework to support the ...

Fidra Energy, a European battery energy storage system (BESS) platform owned by institutional investor EIG, has received planning consent to ...

Explore how many power stations are there in the UK and grasp the underpinnings of the nation's energy infrastructure with our in-depth analysis.

More than doubling GB's electricity storage capacity Located on the shores of Loch Lochy, between Fort William and Inverness, the Coire Glas project is expected to require ...

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SAE's £60 million battery storage project at Uskmouth Power Station promises a green shift in the UK's energy landscape, paving the way for sustainable solutions and investor ...

In March 2024, the House of Lords Science and Technology Committee said increasing the UK's long-duration energy storage capacity ...

There will be a potential surge in battery energy storage system (BESS) projects receiving grid connection offers before 2030 following ...

In March 2024, the House of Lords Science and Technology Committee said increasing the UK's long-duration energy storage capacity would support the UK's net zero ...

(Bloomberg) -- The UK government is launching a new funding program to unlock investment in long duration storage, a key part of its drive ...

The renewables sector is celebrating the UK government's milestone move to introduce a scheme to support energy storage projects as a major stepping stone to ...

Triton Power Station is currently fuelled by natural gas and provides power and steam to industrial users at Saltend Chemicals Park in addition to energy to ...

A large increase in the UK's energy storage will be critical to ensuring the UK reaches its goal of a clean power system by 2030, with a ...

The UK government has launched a new investment support program to support long-term electricity storage (LDES) projects aimed at improving energy security and reducing ...

Kwarteng has set a target of 2035 for the UK's electricity system to reach net decarbonisation, by drawing on a combination of nuclear power, renewables and "carbon ...

The project is being developed on ~55 acres of land that formed part of a former coal station site and adjacent to an existing National Grid substation in Yorkshire, UK. A final ...

EDF Energy has announced it will invest a further GBP1.3 billion (USD1.7 billion) in the UK's five operating nuclear power plants over the next ...

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