

Sse energy storage investment





Overview

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- New cap and floor scheme can unlock investment in critical nation building projects including what will be the UK's largest natural battery, SSE's 1.3GW Coire Glas pumped storage hydro scheme - SSE welcomes today's announcement by the UK Government confirming its decision to finalise and.

Our strategy is to create value for shareholders and society in a sustainable way by developing, building, operating and investing in the electricity infrastructure and businesses needed in the transition to net zero. From onshore wind, offshore wind and hydroelectric to solar and battery storage.

SSE's first battery energy storage system (BESS) project at Salisbury in Wiltshire, England is now fully operational. The 50MW / 100MWh BESS project, which could power over 80,000 homes* for two hours at times of peak demand, is the first operational battery site in SSE's portfolio. The asset is.
What is SSE Renewables doing in the UK?

SSE Renewables is progressing a development pipeline of pumped storage hydro projects in the UK. In addition to Coire Glas, SSE has plans to convert the largest conventional hydro power station in its existing hydro power fleet, the 152.5MW Sloy Power Station in southern Scotland, into a pumped storage hydro scheme.

What is SSE Business Energy?

SSE Business Energy in Great Britain and SSE Airtricity on the island of Ireland



provide a shopfront and route to market for SSE's generation, renewable green products and low-carbon energy solutions. We aim to be a leading energy company in a net zero world.

What is SSE Renewables & SSE thermal?

SSE Renewables is driving the net zero transition through the development, financing, construction and operation of world-class renewables. SSE Thermal is providing critical flexibility to offset renewables variability as the energy system transitions to net zero.

Does SSE have a cap and floor Investment Framework?

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 deployment of long-duration electricity storage projects, such as pumped storage hydro.

How does SSE operate its assets?

SSE operates its assets in a responsive and responsible way. It promotes a culture of continuous improvement and stakeholder engagement to provide quality customer service. SSE invests in low-carbon infrastructure as part of its net zero-focused strategy.

Who is SSE Renewables?

From onshore wind, offshore wind and hydroelectric to solar and battery storage, SSE Renewables is a world class developer and operator of renewable energy in the UK and Ireland with a growing presence internationally.



Sse energy storage investment



[Pumped storage hydro critical to clean power . SSE](#)

Robert Bryce, Director of Hydro at SSE Renewables: "The decision earlier this year to introduce a cap and floor investment framework was a massive step forward in ...

[SSE acquires Irish BESS . Energy Global](#)

SSE Renewables has acquired the project development rights for a 120 MW/240 MWh grid-scale battery energy storage system (BESS) project in Ireland's Midlands from UK ...



News and views

5 ???· Read More SSEN Transmission responds to Ofgem's RIIO-T3 Draft Determination consultation SSEN Transmission has formally responded to Ofgem's Draft Determination for ...

SSE's 2025 Annual Report and Sustainability Report published

The report details progress on the company's £17.5bn Net Zero Acceleration Programme Plus, which is enabling the UK's transition to a cleaner,



more secure energy ...



[SSE and Equinor's first-of-a-kind hydrogen project ...](#)

A first-of-a-kind project which would unite hydrogen production, storage and power generation in one location has been shortlisted by UK ...



Cost Analysis of Energy Storage Systems How Duration Impacts ...

SunContainer Innovations - Summary:
Understanding the cost dynamics of energy storage power stations across different durations is critical for industries like renewable energy, grid ...



Fiddler's Ferry , SSE Renewables

Fiddler's Ferry is a 150MW capacity battery energy storage system (BESS) located near Warrington, Cheshire. SSE Renewables took a final investment decision on the project in ...



More than £1bn investment secured for UK's largest BESS project

5 ???· A major £1 billion-plus investment has been secured for the UK's largest battery energy storage system (BESS) project at Thorpe Marsh in South Yorkshire.



[Get an overview and learn about SSE plc . SSE](#)

SSE's more than 14,000 employees are dedicated to delivering cleaner, more secure energy and ensuring a just transition to a net zero future. To help us do this, we're investing around ...

[SSE Renewables progresses 30GWh pumped storage scheme](#)

The proposed Coire Glas storage development would have an installed capacity of 1,300MW and be capable of delivering 30GWh of long-duration electricity storage. It is being developed by ...



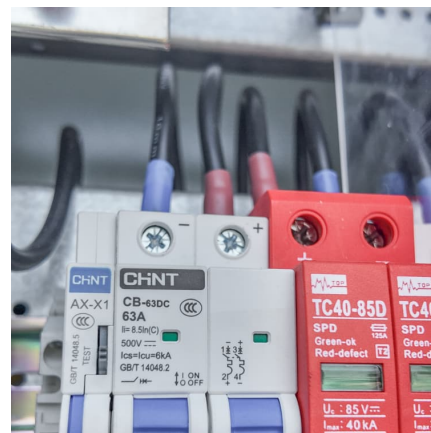
[Construction to start on SSE Renewables' 320MW ...](#)

SSE Renewables has taken a Final Investment Decision (FID) to proceed with the construction of one of the UK's largest battery energy storage ...



SSE Renewables' first battery storage project at Salisbury now ...

SSE's first battery energy storage system (BESS) project at Salisbury in Wiltshire, England is now fully operational. The 50MW / 100MWh BESS project, which could ...



SSE submitting planning application for proposed Battery Energy Storage

Mayo, and the north-west, has an enormous wind energy resource, and these critical projects can help ensure Mayo continues to play a key role in providing homegrown ...



Britain's largest natural battery reaches major development ...

SSE's Coire Glas project in the Scottish Highlands would be the first major pumped storage hydro scheme built in more than 40 years. UK Government confirmed earlier this year a cap and floor ...





SSE announces plans to invest up to £40bn in low-carbon energy

SSE plc has today laid out plans that could see it invest up to £40bn in the next decade, helping to deliver cleaner, more secure and more affordable energy. The record ...

[SSE's first battery project at Salisbury](#)

SSE Energy Solutions has announced that its first 50MW battery storage project in Salisbury will be delivered by the technology group Wärtsilä. Last year SSE Energy Solutions announced it ...



[SSE files plans for 100-MW pumped storage project in UK](#)

British utility SSE plc (LON:SSE) has filed a Section 36 planning application to the Scottish government to convert its Sloy Power Station on the banks of Loch Lomond into a 100 ...

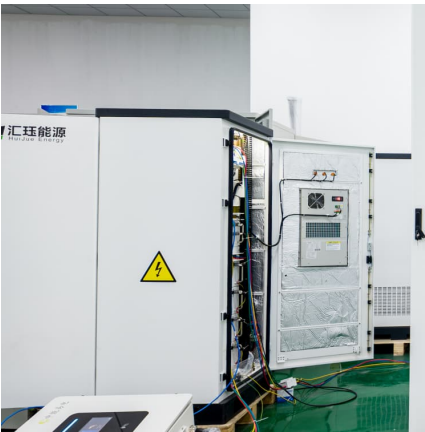
SSE plc Annual Report 2023

Right action. Right now. SSE Annual Report 2023
CEO & Chair message
Financial highlights
Future energy world
NZAP Plus Investment plan
Strategic progress
Just Transition Downloads



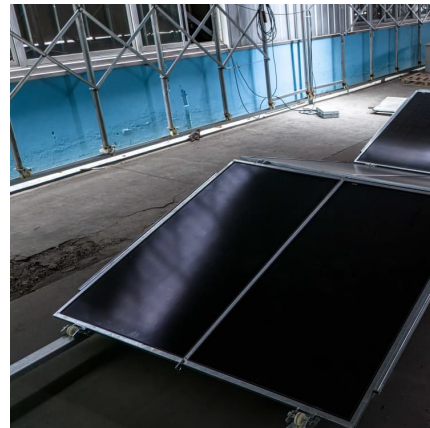
[SSE to Optimise CIP's Scottish Batteries](#)

SSE Energy Markets has entered into a 10-year agreement with Copenhagen Infrastructure Partners (CIP) to manage and optimize two major battery energy storage ...



[SSE Renewables' first battery storage project now ...](#)

SSE's first battery energy storage system (BESS) project at Salisbury in Wiltshire, England is now fully operational. The 50MW / 100MWh ...



SSE acquires development rights for 120MW/240MWh Irish BESS

SSE has acquired the rights from UK firm Low Carbon for the development of a 120MW/240MWh grid-scale battery energy storage system (BESS) project in Ireland's Midlands.



SSE unveils plans to invest £40 billion in clean energy

The group, whose origins stretch back 80 years to the first hydro schemes in the Scottish Highlands, is investing in critical electricity networks, ...



[SSE plugs £100m into UK pumped storage mega project](#)

UK energy company SSE has announced a £100 million (\$123 million) investment into what could be Britain's biggest pumped hydro storage ...

[The SSE investment case: investing in energy . SSE](#)

SSE Thermal is providing critical flexibility to offset renewables variability as the energy system transitions to net zero. The strategic importance of its Gas Storage assets has been highlighted ...



Investment at speed needed to deliver clean energy by 2030 , SSE

The National Energy Systems Operator is developing a Clean Power Plan for 2030, which SSE hopes will embody pro-investment policies and a spirit of partnership ...



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