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# Northern Energy Storage Project

What is an energy storage project?

An energy storage project is a cluster of battery banks (or modules) that are connected to the electrical grid. These battery banks are roughly the same size as a shipping container. These are also called Battery Energy Storage Systems (BESS), or grid-scale/utility-scale energy storage or battery storage systems.

What is the biggest energy storage project in Northern Ireland?

The largest energy storage project in Northern Ireland is located at Drumkeel, a townland in Killyman, with a capacity of 50 megawatts. It uses state-of-the-art lithium-ion technology to serve the island's single electricity market.

Who owns Northern Lights?

Located in Norway, Northern Lights is the world's first CO<sub>2</sub> transport and storage project open to industry, owned equally by TotalEnergies, Equinor and Shell. Operational since 2024, the first phase of the project can store up to 1.5 million tonnes of CO<sub>2</sub> per year.

What is the Northern Lights project?

The first phase of the Northern Lights project aimed to demonstrate feasibility of a new business model, solutions, and operations through collaboration among authorities, customers and project partners. With strong support by the Norwegian government's Longship initiative, phase one is fully booked.

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Additionally, Northern Lights will store CO<sub>2</sub> from the Hafslund Celsio waste-to-energy plant in Oslo, as part of the Longship project. Equinor is already one of the largest CCS ...

SSE plc has announced a final investment decision to construct a new 100MW Battery Energy Storage System (BESS) in County Tyrone, Northern Ireland. The Derrymeen facility, ...

A 100-MW battery energy storage system will start construction next year the site of the Platte River Power Authority's Black Hollow 257-MW solar energy project soon to ...

Sungrow will supply 3.3 GWh of storage capacity to the largest UK BESS project to date. Head of UK Energy Storage Henry Xu talks big ...

New York's first state-owned utility-scale battery energy storage system, the Northern New York Energy Storage Project, is now ...

If approved, construction would take around 15 months. RES' Shaneragh battery energy storage system (BESS) project is conveniently ...

The Project advances New York's path to 10 GW of distributed solar and 6GW of energy storage by 2030.

Scotland-based electricity company SSE plc (LON:SSE) said today it has taken a final investment decision (FID) on the 100-MW/200-MWh Derrymeen battery energy storage ...

A 500 MW / 2,000 MWh standalone BESS in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction period, reflecting China's ...

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A 100MW/200MWh battery energy storage system project (BESS) in Northern Ireland has been acquired by SSE Renewables.

SSE has approved final investment for the 100MW Derrymeen battery storage project in Northern Ireland. The facility will provide 200MWh of storage to balance the grid and ...

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