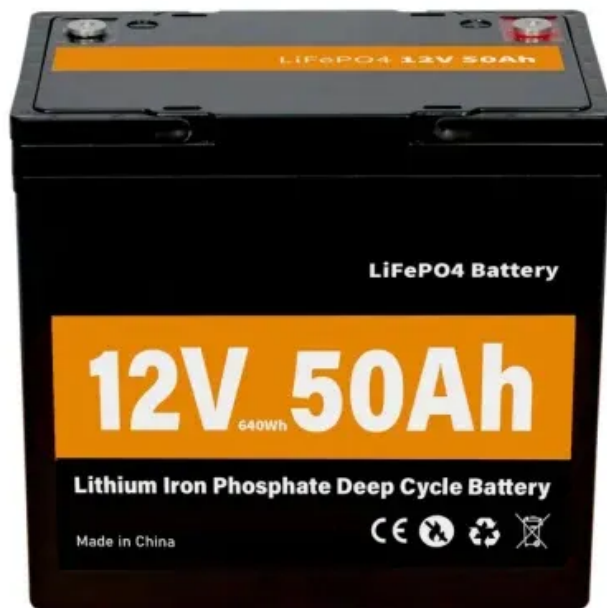


## SolarTech Power Solutions

# Dublin Energy Storage Power Station



## Overview

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The Poolbeg Battery Energy Storage System is located at our Poolbeg Energy Hub in Dublin where some of the latest technologies will support the future delivery of renewable energy including batteries, hydrogen and offshore wind will be deployed over the next decade. Does Ireland have a battery energy storage system?

Ireland's ESB has opened a battery energy storage system at its Poolbeg site in Dublin. Operational since November, the battery plant is capable of providing 75 MW of energy for two hours to Ireland's electricity system. It features high-capacity batteries that store excess renewable energy for discharge when required.

What will ESB's new battery plant do for Ireland?

ESB, the state-owned electricity company, has announced the opening of a major battery plant at its site in Poolbeg, Dublin. The battery plant will add around 75MW of fast-acting energy storage to make the grid in Ireland more stable and increase the share of renewables in the electricity system.

Where is ESB launching a battery energy storage system in Ireland?

Currently the largest site of its kind in commercial operation in Ireland, this battery energy storage system (BESS) is part of ESB's pipeline projects that are being completed at sites in Dublin and Cork, representing an investment of up to €300m.

Will a new battery plant support Irish grid stability?

In a bid to support Irish grid stability, Electricity Supply Board (ESB) has opened a major battery plant at its Poolbeg site in Dublin, which will add 75MW/150MWh of fast-acting energy storage.

How much energy will ESB provide to Ireland's Electricity System?

Image: Fennell Photography Operational since November last year, the project

has the capacity to provide 75MW of energy to Ireland's electricity system for around two hours. ESB, the state-owned electricity company, has announced the opening of a major battery plant at its site in Poolbeg, Dublin.

Where is the Poolbeg battery energy storage system located?

The Poolbeg Battery Energy Storage System is located at our Poolbeg Energy Hub in Dublin where some of the latest technologies will support the future delivery of renewable energy including batteries, hydrogen and offshore wind will be deployed over the next decade.

## Dublin Energy Storage Power Station

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### Silvermines Hydroelectric Power Station home page

...

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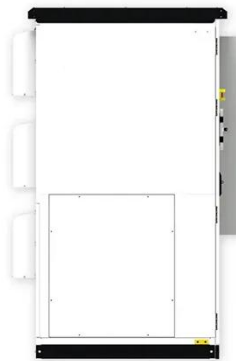


## Ireland's great grid stabilizer

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## Vientiane ireland energy storage power station

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## ESB opens Ireland's largest battery storage facility

Feb 13, 2024 · It is located at Poolbeg

Energy Hub, where ESB - around 95% owned by the Irish state with the remaining stake held by its employees - is ...



LiFePO<sub>4</sub> Battery, safety

Wide temperature: -20~55°C

Modular design, easy to expand

The heating function is optional

Intelligent BMS

Cycle Life: > 6000

Warranty: 10 years



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