

## ContainerPower Energy Solutions

# Irish Battery Energy Storage Company



## Overview

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Are battery energy storage systems a 'great achievement' in Ireland?

ESB Networks described the project as a “great achievement for battery storage” in Ireland. Battery energy storage systems, often referred to as Bess, are regarded as a vital part of the Ireland’s fledgling renewable energy sector and demand for them has never been higher.

How many battery storage systems are there in Ireland?

There are around 15 of these battery storage systems already hooked up to the grid around the Republic and while major players in the industry continue to work on additional facilities. Lumcloon energy is at the centre of battery storage in Ireland.

Is Stephenstown a battery storage facility?

Stephenstown, is the first of two battery storage facilities that RWE, one of the world’s leading renewable energy companies, brought online in Ireland this year.

What is battery energy storage?

Battery energy storage is one of many flexible technology solutions ESB is adopting in Ireland to support the Irish Government’s ambition of reaching net-zero emissions by 2050.

Will battery storage help Ireland generate 80% renewable electricity by 2030?

Ireland has set a target of generating 80% renewable electricity by 2030. Deployment of battery storage will be capable of responding in milliseconds to frequency changes, importing or exporting electricity from the grid as needed, and helping efficiently stabilise the grid, while guaranteeing reliable electricity supply for users.

Why do we need battery energy storage?

They also provide fast acting system services that help to stabilise the grid, which is of critical importance if we are to reach ever higher levels of renewables on the system. Battery energy storage therefore goes hand in hand with renewable energy generation and are a key part of ESB's strategy.

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