

# Irish energy storage power station put into operation

Which battery energy storage systems are available in Ireland?

The Kylemore Battery Energy Storage System in Dublin went into operation in 2023 and has the capability of providing 30MW of fast-acting storage. The South Wall Battery Energy Storage System went live in 2023 and has the capability of providing 30MW of fast-acting energy storage.

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.

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 does electricity storage work in Ireland?

For context, peak demand on Ireland's electricity system is approximately 5.5 GW. Electricity storage systems such as utility-scale battery projects also provide essential backup services to the grid that help to keep the electricity supply secure, reduces carbon emissions and ultimately reduces costs to the consumer.

How many MW of battery storage capacity are there in Ireland?

We currently have more than 300MW of battery storage capacity in operation in Ireland, making it one of the largest battery portfolios in Europe. We plan to develop a pipeline of large scale battery projects, as well as additional renewable enabling technologies.

What can ESB do for Ireland's Electricity System?

Large-scale battery energy storage projects and Turlough Hill pumped storage power station combine to reach milestone that can help to provide flexibility and support more renewables on Ireland's electricity system. Today, ESB Networks has announced that it has 1,000 MW (one Giga Watt) of electricity storage connected to Ireland's network.

After the successful completion of the continuous full-load energy storage-power generation test, it was officially put into operation to become a milestone in the development of new energy ...



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