

## SolarTech Power Solutions

# British behind-the-meter energy storage products



## Overview

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Does Britain have a battery energy storage system?

The UK government has included a fivefold increase in Great Britain's battery energy storage system (BESS) fleet in its plan to achieve clean power generation by 2030.

How many battery energy storage projects are there in the UK?

ed energy storage system. Over the past year, the number of battery energy storage projects in the UK's pipeline has increased from 239 to 338 in total. The capacity of battery storage is also set to increase substantially as only 5% of projects in 2022 are in operation.

What are behind the meter assets?

To recap, behind the meter assets refer to assets that are located on the consumer side of the meter. Examples of BtM assets include rooftop solar panels, residential battery storage systems or electric vehicles.

Why is BTM battery storage important?

Ultimately, while BTM battery storage is an important piece of the energy transition puzzle, it is most valuable when aligned with broader business objectives—whether that's reducing reliance on the grid, ensuring uptime for critical operations, or supporting net-zero commitments.

Why are energy storage systems important?

Energy storage systems (ESSs) can help make the most of the opportunities and mitigate the potential challenges. Hence, the installed capacity of ESSs is rapidly increasing, both in front-of-the-meter and behind-the-meter (BTM), accelerated by recent deep reductions in ESS costs.

Why is the UK soaring demand for BTM Bess?

With the global BTM market reaching \$42.3 billion globally in 2024 and growing at 19.5% annually, the UK's landscape for energy storage is changing. There are three primary drivers that have led to soaring demand for BTM BESS: 1. Energy costs: the volatility problem

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