

Energy storage solar improves income





Overview

Share of solar photovoltaic (PV) is rapidly growing worldwide as technology costs decline and national energy policies promote distributed renewable energy systems. Solar PV can be paired with energy sto.

Are solar energy and battery storage a good investment?

Solar energy and battery storage support employment in good quality and high productivity jobs, with an average GVA per job of £88,800 in 2024, over 40% larger than the UK average. Solar energy and battery storage contribute to economic activity across the UK while supporting the energy transition.

How do solar energy and battery storage support economic activity?

Solar energy and battery storage support economic activity in several ways, as shown below. At the end of 2024 the UK had a total 20 GW of solar capacity and 7.5 GW of battery storage capacity. Over the period to 2035, activity across both technologies could expand significantly.

Do solar energy and battery storage contribute to economic activity across the UK?

Solar energy and battery storage contribute to economic activity across the UK while supporting the energy transition. This study provides an initial estimate of the overall economic contribution made by solar and battery storage deployment across the UK.

What is the economic impact of solar & battery storage?

The main source of economic impact came from the construction of utility scale projects, and annual residential and commercial installations. Solar and battery storage contribute to employment in relatively high productivity jobs.



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