

Photovoltaic energy storage has passed European certification

What does the European Commission say about energy storage?

The Commission adopted in March 2023 a list of recommendations to ensure greater deployment of energy storage, accompanied by a staff working document, providing an outlook of the EU's current regulatory, market, and financing framework for storage and identifies barriers, opportunities and best practices for its development and deployment.

Will EU members have to install solar panels in public and non-residential buildings?

The legislation says that if technically and economically suitable, EU member states will have to deploy solar installations progressively in public and non-residential buildings, depending on their size.

Is solar power a competitive source of electricity in the EU?

The cost of solar power decreased by 82% between 2010-2020, making it the most competitive source of electricity in many parts of the EU. The EU solar generation capacity keeps increasing and reached, according to SolarPower Europe, an estimated 259.99 GW in 2023. The EU has long been a front-runner in the roll-out of solar energy.

How much energy storage will Europe have in 2022?

Many European energy-storage markets are growing strongly, with 2.8 GW (3.3 GWh) of utility-scale energy storage newly deployed in 2022, giving an estimated total of more than 9 GWh. Looking forward, the International Energy Agency (IEA) expects global installed storage capacity to expand by 56% in the next 5 years to reach over 270 GW by 2026.

What is photovoltaics & how does it work?

Photovoltaics is a method of generating electric power by using solar cells to convert energy from the sun into electricity. These cells are assembled into solar panels and then installed on the ground, rooftops or floating on dams or lakes.

How does Fraunhofer ISE support PV Manufacturing?

In the newly organised development centre, module manufacturers can use extensive equipment to further develop their technologies. Fraunhofer ISE supports manufacturers in the further development of their products. Spain has introduced a new incentive scheme aimed at strengthening its clean-tech supply chain, including PV manufacturing.

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