

The European Commission (EC) has given the green light to a EUR1.2bn (\$1.32bn) Polish scheme designed to bolster investments in electricity storage facilities. The initiative is set to support the installation of at least 5.4GW of new electricity storage capacity.

In May, as the European Union (EU) launched REPowerEU, the energy storage industry's initial disappointment at being excluded from an early leaked draft of the document - which set out pathways to reduce dependence ...

The ITRE report, approved on Tuesday, makes the case for energy storage within the context of the European energy market, and advocates a comprehensive definition of energy storage within the legislative text of the European Commission's New Energy Market Design framework, also known as the 'Winter Package'.

It comes a few days after the EU's European Parliament approved the bloc's Net Zero Industry Act (NZIA), which seeks to ensure Europe can meet 40% of its clean energy deployment needs with domestically-manufactured products, as reported by our sister site PV Tech.. The new funding opportunity is split into five categories. The bulk, accounting for EUR2.4 ...

UK minister of state for climate change and energy Graham Stuart gave a keynote address to open the event. Image: Solar Media . The European Union's Battery Passport, which will make all of the components of devices placed into the market traceable, will be a useful tool for investors in energy storage, Energy-Storage.news has heard. The digital passport ...

Energy storage can stabilise fluctuations in demand and supply by allowing excess electricity to be saved in large quantities. With the energy system relying increasingly on renewables, more and more energy use is electric. Energy storage therefore has a key role to play in the transition towards a carbon-neutral economy. Hydrogen

Keeping the lights on while decarbonising will require far more energy storage than the EU market is set up to facilitate, the EC said. Image: NASA. The European Commission (EC) has published a strategy through which energy storage can become a cornerstone of a decarbonised and secure energy system for the European Union (EU).

The growth of renewable energy sources is a vital step towards achieving the EU's climate and energy goals. Along with grid expansion & optimisation, the EU's ambition depends on expanding energy storage capacity to meet increasing flexibility demands and to lower electricity prices.. The Energy Storage Coalition urges the European Commission to deliver an Action plan on Energy ...

1 ?· In 2023, 24.5% of gross final energy consumption in the EU came from renewable sources, up by 1.4 percentage points compared with 2022. This share is 18 percentage points (pp) short of meeting the 2030 target (42.5%), which would require an annual average increase of 2.6 pp from 2024 to 2030. Sweden ranked first among EU countries, with two-thirds (66.4%) of ...

In April 2023, European Commissioner for energy Kadri Simson described energy storage as a "centrepiece" of the energy transition in a speech to Members of European Parliament (MEPs), while proposed reforms to Electricity Market Design a couple of months later and since voted in for adoption by the EU highlighted that increasing shares of ...

While the UK is a standout leader of the continent in terms of deployment figures, and arguably also sophistication of business models - as pointed out in a new study by Aurora Energy Research - tracking the European market is also becoming much more interesting, Darmani said. "There was maybe not as much to speak about a couple of years ago on the ...

3 ???· European Energy sees battery storage as a cornerstone of its future strategy, aligning with its commitment to integrating innovative technologies into renewable energy solutions. Beyond Poland, European Energy is actively exploring battery projects in other European countries, where energy storage is becoming increasingly critical to balancing ...

Europe has seen its first year when energy storage deployments by power capacity exceeded 10GW in 2023. The eighth annual edition of the European Market Monitor on Energy Storage (EMMES) was published last week by consultancy LCP Delta and the European Association for Storage of Energy (EASE).

European energy storage trade association EASE said it welcomed the EC's "raised ambition for energy storage" in the proposed EMD reforms. EASE applauded the Commission for recognising: "the crucial role of energy storage in enabling the deployment of renewable energy and reducing dependence on fossil generation".

A total of 311 applications were received for clean energy or decarbonisation projects after the call for submissions opened last summer. Of these, seven were selected to receive direct funding from a EUR1.1 billion budget and include hydrogen, carbon capture and storage, advanced solar cell manufacturing and other technologies.

Northvolt Ett, a European lithium-ion battery gigafactory which has gone into operation ahead of the curve of investment flowing into the US. Image: Northvolt. The new Batteries Regulation will be a driver of change in the European Union how the energy storage system industry thinks about procurement and managing batteries at the end of life.

Web: <https://sailesindustrialmachinery.co.za>

