

Is energy storage the key to decarbonising the EU energy system?

The Commission has published today a series of recommendations on energy storage, with concrete actions that EU countries can take to ensure its greater deployment. Analysis has shown that storage is key to decarbonising the EU energy system.

How much gas is stored in the EU?

Gas storage in the EU is now at more than 90%. It was 30% in February 2022, and since then we have been working with EU countries to increase Europe's energy reserves. In order to secure the EU's energy supply at affordable prices, the Commission and the Member States have established an EU Platform for the common purchase of gas, LNG and hydrogen.

Why should EU countries consider the 'consumer-producer' role of energy storage?

It addresses the most important issues contributing to the broader deployment of energy storage. EU countries should consider the double 'consumer-producer' role of storage by applying the EU electricity regulatory framework and by removing barriers, including avoiding double taxation and facilitating smooth permitting procedures.

How does the EU support energy-intensive companies?

The Commission has approved, under EU State aid rules, a Polish scheme to partially compensate energy-intensive companies for higher electricity prices resulting from indirect emission costs. The Commission has approved a EUR220 million Spanish measure to support Cobra Instalaciones y Servicios, S.A. in the production of renewable hydrogen.

When will gas storage be 80% of capacity in the EU?

As of June 2022, there is new legislation that requires EU underground gas storage to be filled to 80% of capacity by 1 November 2022 - and to 90% in the years after - to ensure supply for the coming winter. See latest figures. Gas storage in the EU is now at more than 90%.

Why is energy storage important in the EU?

It can also facilitate the electrification of different economic sectors, notably buildings and transport. The main energy storage method in the EU is by far 'pumped hydro' storage, but battery storage projects are rising. A variety of new technologies to store energy are also rapidly developing and becoming increasingly market-competitive.

Netherlands allocates EUR100m for PV co-located BESS in 2025. Netherlands' climate minister has allocated EUR100 million in subsidies to the deployment of 'time-shifting' battery storage with solar PV projects for next year, an acceleration of a larger EUR400 million-plus programme.

Policy support for battery energy storage is gaining momentum across Europe as national governments remove regulatory barriers and the EU pledges financial support for this emerging technology. In ...

According to data from the European Energy Storage Association (EASE), Europe will achieve 4.5GW of energy storage installed capacity in 2022, a year-on-year increase of 80.9%, of which large storage and commercial and industrial energy storage will be approximately 2GW, and household storage will be approximately 2.5GW.

Quite the opposite, Europe ended winter with a remarkable milestone for its energy sector: EU gas storages were almost 60% full, a record amount. This didn't grab the headlines, but it matters. Because it shows that Europe has finally loosened the grip that Russia had over its energy sector. Europe has taken its energy destiny back into its own ...

In a June interview with Energy-Storage.news, Belgium was identified as one of Europe's most attractive potential markets for energy storage, according to Michael Salomon, CEO of energy storage consultancy firm Clean Horizon. The Estor-Lux 10MW / 20MWh system is thought to be the largest in the country.

Policy changes in Italy are expected to have a significant impact on the European energy storage market, potentially leading to changes in local energy storage installations in 2024. Firstly, the decline in subsidies under the Superbonus policy has resulted in reduced purchasing power among Italian residents, dampening the outlook for ...

Energy-Storage.news" publisher Solar Media will host the 9th annual Energy Storage Summit EU in London, 21-22 February 2024. This year it is moving to a larger venue, bringing together Europe's leading investors, policymakers, developers, utilities, energy buyers and service providers all in one place. Visit the official site for more info.

As the leading energy storage market in Europe, Germany's efforts constituted around 34% of Europe's total installed energy storage capacity in 2022. In May 2022, the EU unveiled the "REPowerEU" energy plan, aiming to elevate the renewable energy target to 45% by 2030, with an interim goal of 42.5% in the 2023 agreement.

To ensure security of supply for the coming winters, we have put in place new minimum gas storage obligations and a target of 15% gas demand reduction to ease the balance between supply and demand in Europe. Efforts to save energy and fill ...

The EU has withstood critical risks to its security of energy supply, regained control over the energy market and prices, and accelerated the transition towards climate neutrality. These are the main findings of the State of the Energy Union 2024 report, which takes stock of the EU's progress in 2023-24 towards the objectives of

the Energy Union, the ...

storage subsidy schemes at federal level - it will rather be the renewal of the current regional subsidies to support further market growth across the country. Additional market drivers will continue to be the effects of the COVID-19 recovery stimulus initiated last year, which has pushed the demand for electric

Under the energy crisis in Europe, the high economics of European household photovoltaic energy storage has been recognized by the market, and the demand for Europe energy storage has begun to grow explosively. In 2021, the household penetration rate in Europe energy storage was only 1.3%, and according to estimates, the demand for new energy ...

Continental Europe's largest energy storage facility recently launched in Belgium's Deux-Acren village, bringing 100 megawatt-hours (MWh) of lithium-ion battery storage capacity and up to 50 MW of power. The new plant, situated in Belgium's Wallonia region, reportedly replaces a turbojet generator that previously provided energy to the area since the ...

Latest beneficiary of EU's energy storage push . The EU, focusing on raising renewable energy targets in the wake of the Russian invasion of Ukraine with the REPowerEU plan and implementing the various pillars of the European Green Deal, has directed funding or approved state aid for energy storage in numerous European countries in recent months.

Europe News French prosecutors seek 2-year prison sentence and ineligibility for Marine Le Pen ... Europe's largest energy storage facility has begun operating in the Belgian province of Wallonia ...

German wind developer Enertrag, Switzerland-based energy storage solutions company Leclanché and Enel Green Power (EGP) Germany, a subsidiary of Italian power giant Enel, built the EUR22 million (US\$24.58 million) Cremzow storage system to offer primary control energy services and help stabilise the German grid.

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