

Did Bulgaria's energy storage tender win more than 3 GWh?

Bulgaria's standalone energy storage tender, which aimed to procure at least 3 GWh of cumulative usable capacity, ultimately awarded more than three times that amount. From ESS News

Why do we need energy storage solutions in Bulgaria?

Establish a reliable energy system with greater share of intermittent generation. In the context of Bulgaria's energy landscape, energy storage solutions present a diverse array of benefits to various stakeholders stemming from its unique ability to time-shift energy and rapidly respond when called upon. The applic

How much electricity does Bulgaria export a year?

In the past year, the export of electricity reached record levels of 12.2 TWh, which is an increase of 39% compared to the previous year, ranking Bulgaria third among the largest exporters of electricity in the European Union. Electricity production capacities meet consumer demand in Bulgaria and enable exports to neighboring markets.

Can battery-based energy storage improve peaking capacity in Bulgaria?

Storage can also offer greater flexibility and efficiency in managing the grid. Furthermore, and although hydropower storage already makes up a significant source of peaking capacity in Bulgaria, battery-based energy storage can address peaking needs during times of droughts, meet requirements for more distributed peaking po

What is the main source of electricity in Bulgaria in 2022?

Coal energy was the main source of electricity production in Bulgaria in 2022. It accounted for over 45 percent of total electricity generation. Nuclear energy ranked second, making up 35 percent of total production.

How much energy does Bulgaria produce?

Currently, the installed power generation capacity in Bulgaria is 13,247 MW, and the available capacity is 10,771 MW. To support its energy needs, Bulgaria imports natural gas, oil and oil products, and solid fuels (anthracite and black coal, coal coke). The main local energy source in Bulgaria is lignite coal.

HiTHIUM has successfully deployed the largest battery energy storage system (BESS) project in Eastern Europe to date, with a capacity of 55MWh using ...

Energy storage is a "force multiplier" for carbon-free energy. It allows for the integration of more solar, wind and distributed energy resources, and increases the capacity factor of existing ...

Fortunately, Bulgaria sits in the privileged position where it can profit from the experiences of other energy

systems with high renewable shares. Here, ...

The Association for Production, Storage, and Trading of Electricity (APSTE) has published a report on the technological development and market perspectives for the energy storage ...

website creator Stationary battery manufacturer Hithium has successfully deployed the largest battery energy storage system (BESS) ...

The deadline has now passed for an EU-backed support scheme for standalone energy storage in Bulgaria, which was 4x oversubscribed.

The plant will open in Ruse on May 2, according to a press release issued on Friday by the Bulgarian Association for production, storage and ...

Hithium will provide 55MWh of battery products for a solar-plus-storage project being built by EPC firm SolarPro in Bulgaria.

International Power Supply (IPS), a Bulgarian manufacturer of battery energy storage systems, is about to launch operations at its new facility near Sofia. Its latest model ...

In August 2024, the Ministry of Energy issued a new tender, funded under the EU's Recovery and Resilience Facility, exclusively focused on standalone electricity storage ...

Three years ago, SCU deployed the country's first 40ft containerized energy storage system at a solar farm in Bulgaria, setting a precedent for large-scale industrial and ...

HiTHIUM has successfully deployed the largest battery energy storage system (BESS) project in Eastern Europe to date, with a capacity of 55MWh using HiTHIUM's 16 energy storage ...

What is a Bulgarian energy storage grant? Following a three-month delay, the Ministry of Energy of Bulgaria combined five planned procedures for grants for energy storage facilities into three ...

The program aligns with Bulgaria's broader efforts to increase energy independence and develop a modern energy sector based on green ...

Bulgaria-based storage manufacturer IPS has released a new utility-scale BESS with a rated capacity of 8.1 MWh and an integrated 4 MW ...

Transformation of AES Galabovo into a large-scale energy storage facility using proven technology implemented in concentrated solar power plants (CSP) using molten salts

storage is hindering Bulgaria in the development of an energy storage market. Furthermore, Bulgaria's energy legislation and grid codes have been historically written with thermal plants ...

The Association for Production, Storage, and Trading of Electricity (APSTE) has published a report on the technological development and market perspectives ...

Bulgaria has installed between 40 MWh and 50 MWh of battery energy storage capacity to date. However, new national legislation as well as funds provided through the ...

The program aligns with Bulgaria's broader efforts to increase energy independence and develop a modern energy sector based on green technologies. The ...

Battery energy storage system with 55MWh capacity deployed by Solarpro in Razlog, Bulgaria, in partnership with Hithium.

Helleniq Energy also intends to add a behind-the-meter battery storage system to the facility. Once completed, this investment will make Bulgaria the fourth international market ...

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These interviews explore energy storage business cases across the EU, demonstrating that these projects are viable, profitable and essential to achieving Europe's ...

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