



# What are the energy storage power stations in Vilnius





## Overview

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The 120MWh battery energy storage system (BESS) project near Vilnius, the capital of Lithuania, will come online by the end of 2025. The BESS will provide balancing services to the grid, primarily FCR, aFRR, and mFRR, as well as balance supply and demand on the grid. “Although the average.

E-energija Group has started building Lithuania’s largest battery energy storage system (BESS), known as the Vilnius BESS, with a capacity of 120MWh. Located near Vilnius, this project will be the country’s first commercial battery storage facility and is expected to increase Lithuania’s total.

Helsinki, 1.7.2025 —E energija group and Capalo AI have signed an agreement to trade and optimize the 120 MWh Vilnius Battery Energy Storage System (BESS), currently under construction near Vilnius. Scheduled to be operational by the end of 2025, the facility will increase Lithuania’s national.

Boniskiu vejas hybrid park, located in the Kaunas region, will combine 70 MW solar PV, 42 MW wind capacity, and a 7 MW / 28 MWh battery energy storage system (BESS), with a total grid connection of 70 MW. E energija manages a complete development cycle - from contracting and design to reaching RTB.

Energy Cells installed and integrated a system of four energy storage batterie parks with a total capacity of 200 megawatts (MW) and 200 megawatt-hours (MWh) into Lithuania’s energy system. Energy Cells installed four 50 MW and 50 MWh energy storage battery parks at transformer substations in.

Lithuanian renewable energy group E energija is starting the construction of its first commercial battery park, Vilnius BESS, the group announced on Tuesday. E Energija intends to install a 120 megawatt-hour (MWh) smart storage system by



the end of this year for an undisclosed amount, which will. What is the largest 'private' Bess project in Lithuania?

IPP E energija Group has started building what it claims is the largest 'private' BESS project in Lithuania, a few weeks after the Baltic region decoupled from Russia's electricity grid. The 120MWh battery energy storage system (BESS) project near Vilnius, the capital of Lithuania, will come online by the end of 2025.

What is E-Energija group's Vilnius Bess?

The Vilnius BESS is designed to address these dynamics, ensuring a reliable energy supply for consumers. E-energija Group's initiative reflects a practical approach to integrating renewable energy into Lithuania's grid, with the system set to play a vital role in balancing supply and demand once operational.

How much does the EU spend on energy storage in Lithuania?

In late 2024, the EU approved a €180 million (US\$188 million) support package for over 1.2GWh energy storage in Lithuania, covering a maximum of 30% of the projects' capital expenditure costs via a competition auction set to conclude before the end of 2025.

What is the Vilnius Bess?

The Vilnius BESS will incorporate a NordNest smart energy management system, equipped with key control and communication functions to optimize performance. This technology aims to support the stability of the national grid by storing excess energy generated from solar and wind power plants, then releasing it when demand rises.



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[The first commercial energy storage systems will ...](#)

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[E energija group starts building 120-MWh battery ...](#)

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**E-energija building 120MWh BESS in Lithuania with local integrator**

The 120MWh battery energy storage system (BESS) project near Vilnius, the capital of Lithuania, will come online by the end of 2025. The BESS will provide balancing ...

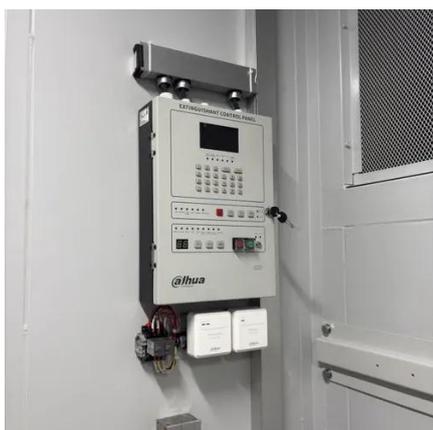
### **Energijos kaupimo irenginiu parkai**

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### E energija group starts building 120-MWh battery in Lithuania , Energy

Lithuanian renewables developer E energija group announced on Tuesday that it has started construction works on a 120-MWh smart battery storage project near the capital ...



### [Energy accumulation and storage development in Lithuania](#)

Energy cells have been installed in four battery parks of 50 MW and 50 MWh each at transformer substations in Vilnius, Siauliai, Alytus and Utena. This is currently the largest ...



### Energijos kaupimo irenginiu parkai



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### [E-energija building 120MWh BESS in Lithuania ...](#)

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### **E-energija Group Begins Construction of Lithuania's Largest ...**

E-energija Group has commenced construction on Lithuania's largest battery energy storage system (BESS) project, the 120MWh Vilnius BESS. This facility, which is set to ...



### [Capalo AI to optimize and trade E-energija group's ...](#)

The Vilnius BESS will play a key role in managing production and consumption spikes in the country. By delivering fast-response ...



### [Energy accumulation and storage development in ...](#)



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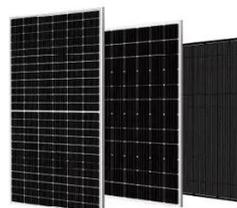


### [Battery Energy Storage System Archives](#)

By reaching the RTB phase, E Energija has demonstrated its capability to deliver scalable and impactful renewable energy solutions. These solar power plants not only contribute to reducing ...

### [E-Energija Begins Construction of Lithuanian BESS](#)

This technology aims to support the stability of the national grid by storing excess energy generated from solar and wind power plants, then releasing it when demand rises. ...



### [Storage: A powerful asset for Lithuania's European grid ...](#)

Energy Cells Lithuania (an EPSO-G company), is deploying a 200 MW/200 MWh portfolio of energy storage projects to ensure effective active power reserve for reliable and stable ...

### **Capalo AI to optimize and trade E energija group's 120 MWh Vilnius ...**



The Vilnius BESS will play a key role in managing production and consumption spikes in the country. By delivering fast-response balancing, the battery will help stabilize the ...





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