

A-Core Container

Lithuanian new energy storage cabinet assembly manufacturer



Overview

Lithuania-based manufacturer of solar panels and batteries SoliTek has launched a new commercial and industrial (C&I) energy storage system, SoliTek VEGA, featuring its proprietary AI-powered energy management system (EMS). The high-voltage system utilizes lithium-iron-phosphate (LFP) battery cells. What is a new energy storage project in Lithuania?

The plan involves direct grants to support investments in the deployment of at least 1,200 MWh of new energy storage systems across Lithuania. The tender will be administered by the Environmental Project Management Agency (EPMA). The deadline for applications is June 17, 2025.

Which power plant provides energy storage in Lithuania?

Kruonis Pumped Storage Plant provides energy storage, averaging electrical demand throughout the day. The pumped storage plant has a capacity of 900 MW (4 units, 225 MW each). Kaunas Hydroelectric Power Plant has 100 MW of capacity and supplies about 3% of the electrical demand in Lithuania.

Will Lithuania install 800 MWh of energy storage facilities?

In the procurement exercise, Lithuania is seeking to install at least 800 MWh of energy storage facilities, which will be directly connected to the transmission network by the end of 2028.

Why is Lithuania launching a major energy storage procurement exercise?

Only a day before cutting ties with the Russian power grid, the Baltic state announced the launch of a major energy storage procurement exercise. Lithuania has announced a EUR 102 million (\$ 105 million) energy storage tender in a bid to procure balancing services to the transmission system operator and ensure the resilience of its grid.

How much electricity does Lithuania use?

“Although the average electricity consumption in Lithuania is around 1,500

megawatts, the installed capacity of both solar and wind power plants is expected to exceed 2,000 megawatts in 2025, enabling surplus electricity to be stored and supplied to consumers during peak hours”, E energija group’s CEO Gediminas Uloza noted in a social media post.

How does the EU state aid scheme work in Lithuania?

This measure implements the EUR 180 million state aid scheme approved by the European Commission in October 2024. The plan involves direct grants to support investments in the deployment of at least 1,200 MWh of new energy storage systems across Lithuania. The tender will be administered by the Environmental Project Management Agency (EPMA).

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