

## **PDEOZE PowerContainer**

# **Lithuania s energy storage two-charge two-discharge solution**



## Overview

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The 200 MW/200 MWh energy storage portfolio will provide several services such as delivering power in <200 milliseconds, primary frequency control and power oscillation damping while ensuring a reliable supply of energy to the grid until other sources of power generation become operational. Will EU grant a battery storage project in Lithuania?

European Commission delegation visiting a Fluence battery storage project in Lithuania. Image: Energy Cells via LinkedIn. Lithuania can move ahead with a scheme to provide €180 million (US\$200 million) in grants to energy storage projects after it was approved by the EU.

How many battery energy storage systems are there in Lithuania?

The four battery energy storage systems (BESS), 50MW/50MWh each, have been handed over by Fluence and are now providing services to Litgrid, the transmission system operator (TSO) in Lithuania. They followed a smaller, 1MW/1MWh pilot project to test the use case back in 2021.

How will Lithuania support energy storage projects?

Image: Energy Cells via LinkedIn. Lithuania can move ahead with a scheme to provide €180 million (US\$200 million) in grants to energy storage projects after it was approved by the EU. The programme will provide direct grants for the construction of the projects, with a target to support at least 1.2GWh of energy storage projects.

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.

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.

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).

## Lithuania's energy storage two-charge two-discharge solution

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European Commission delegation visiting a Fluence battery storage project in Lithuania. Image: Energy Cells via LinkedIn. Lithuania can move ahead with a scheme to provide EUR180 million (US\$200 million) in grants to energy storage projects after it was approved by the EU.

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The Fluence Storage system is operating as an integral part of the Lithuanian power transmission system - increasing grid reliability through voltage management and emergency reserve, ...

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The two companies plan to deploy multi-gigawatt-hour battery energy storage systems across Lithuania and Eastern Europe over the next two to three years. As the first ...

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In this Q& A interview, which took place at the Energy Storage Summit Central Eastern Europe 2023 in Warsaw, Poland, Baranauskas discusses exactly what the four projects will be used for and what they ...

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The Lithuanian Ministry of Energy and Environment has approved additional funding for

its energy storage procurement program after strong interest from potential beneficiaries.

The system of energy storage devices will provide Lithuania with instantaneous power reserve for isolated operation until synchronisation with the Continental European grid (CET) and will be used after ...

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Trina Storage, the battery energy storage system (BESS) division of solar energy firm Trinasolar, has announced the deployment of three new battery storage projects in ...

Lithuania is rapidly emerging as a frontrunner in Central and Eastern Europe for battery energy storage deployment, with a string of large-scale projects designed to stabilise ...

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Trina Storage, the battery energy storage system (BESS) division of solar energy firm Trinasolar, has announced the deployment of three new battery storage projects in Lithuania, totalling 90 MW/180 MWh.

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