

## ContainerPower Energy Solutions

# Can the Czech energy storage project be done



## Overview

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The European Commission has given the go-ahead to a scheme in Czechia that will support the deployment of 1.5GWh of energy storage projects. The €279 million (7 billion CZ/US\$304 million) of funding will be in the form of direct grants to build energy storage projects totalling at least 1,500MWh of.

The European Commission (EC) has authorized a €279 million (\$303 million) Czech state aid scheme to support investment into electricity storage facilities and foster the transition towards a net-zero economy. In an announcement released on March 7, 2025, the executive arm of the European Union said.

There are currently only three operational pumped hydro storage projects in the Czech Republic: Stechovice with a capacity of 45 MW, Dalesice with a capacity of 480 MW and the newest Dlouhé Stráně with a capacity of 650 MW, which was commissioned in 1996. All of them are owned by CEZ Group, which.

The Czech Republic addresses the challenge of energy storage through 1. investment in advanced technologies, 2. the development of renewable energy sources, 3. governmental policies promoting efficiency, and 4. collaborative efforts with European nations. The integration of cutting-edge storage.

Today, the European Commission (Commission) has approved a EUR 279 million Czech state aid measure to support investments in electricity storage facilities to boost the transition towards a net-zero economy. The scheme aims to decrease the Czech electricity system's dependence on fossil fuel.

High-capacity battery storage systems can perform like small power plants – responding within milliseconds, producing no emissions, requiring no fuel, and taking up minimal space. Under the right conditions, such systems can deliver stable monthly revenues and a strong return on investment. In. Are there any large-scale electricity storage projects in the Czech Republic?

There are no other larger-scale electricity storage projects currently being developed in the Czech Republic. However, the Czech government provides subsidies to household projects consisting of photovoltaic panels with electricity storage systems.

Is there a future for energy storage in the Czech Republic?

Despite the ongoing discussions, there is no significant development in the area of energy storage. In 2015, the Czech Government adopted the National Action Plan for Smart Grids (“NAPSG”) prepared by the Ministry of Industry and Trade under principles set out in the update of the State Energy Concept, which was also introduced in 2015.

Does the Czech government provide subsidies for electricity storage?

However, the Czech government provides subsidies to household projects consisting of photovoltaic panels with electricity storage systems. Batteries and thermal energy storage are the two most commonly used methods of electricity storage for households in the Czech Republic. 2.

Who owns the energy companies in the Czech Republic?

All of them are owned by CEZ Group, which is the largest energy group in the Czech Republic and controlled by the Czech government. In 2013, CEZ Group was considering constructing a new pumped hydro storage project; however, the project was postponed due to the low profitability of the investment.

Will a battery storage system help Czech companies achieve net zero?

The high penetration of renewable generation projects in the region could deliver a large amount of clean energy and really accelerate the journey to net zero, but at the moment Czech companies are not in a position to reap the full benefits of solar and other renewable energy sources. To do so, battery storage will be essential.

How has the energy crisis impacted the Czech Republic?

With coal dominating the energy mix, the Czech Republic has traditionally enjoyed low electricity prices and a steady supply of domestic fuel. However, the recent energy crisis, together with pressure from stakeholders and regulatory bodies to decarbonise, has triggered an unprecedented shift in the country's energy market.

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