

# Czech energy storage project planning

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.

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.

Does Czech Republic have a national energy and Climate Plan?

The Czech Republic submitted its updated National Energy and Climate Plan to the European Commission on January 8, 2025, featuring significant increases in renewable and nuclear energy capacity. The Czech Ministry of Industry and Trade and the Ministry of the Environment worked together to align with EU decarbonisation targets.

Is the Czech Republic ready for pumped-storage hydroelectric power plants?

Bulk energy storage is currently dominated by hydroelectric dams, both conventional as well as pumped. There are six localities considered for new pumped-storage hydroelectric power plants in the Czech Republic but public acceptance presents a challenge. Front-of-meter installations in the Czech Republic are mired in regulations.

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 does the Czech government subsidise photovoltaic panels?

The Czech government subsidises the installation of photovoltaic panels located on domestic properties producing energy for their own consumption and the purchase of co-located energy storage solutions. These subsidies are provided under the "New Green Savings Programme" administered by the State Environmental Fund.

The Ministry of Industry and Trade (MIT) in cooperation with the Ministry of the Environment (MoE) has updated the National Energy and Climate Plan of the Czech Republic, ...

The European Commission has approved a EUR279 million (CZ 7 billion) Czech scheme to support



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investments in electricity storage facilities to foster the transition towards a ...

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on the increasing integration of energy storage ...

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In addition to Carlton Power's two projects, Highview Power Storage Inc. is planning to build and operate the world's first commercial liquid air storage system - a 250m 250MWh long ...

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