

Czech energy storage power purchase





Overview

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.

What is the current gas storage capacity of the Czech Republic?

Current capacity is 3.3 bcm and once the ongoing expansion projects are completed in 2022, the country's total storage capacity available will be almost 4 bcm. This is almost half the current annual gas consumption of the Czech Republic, and such a ratio is very high compared to the level of storage capacity in other countries.

How many oil storage facilities are there in the Czech Republic?

The Czech Republic has 17 oil product storage facilities, with a total capacity of 1.5 million cubic metres (mcm), and one key crude oil storage facility, with a capacity of 1.675 mcm. The product storage sites are connected by a 1 100 km long pipeline and consist mainly of gasoline and gasoil.

Why is Czech energy-accumulation so expensive?

According to the report, the main reason is the regulatory framework biased in favor of classical energy models. The Czech Republic is no exception. It is fair to say that none of available energy-accumulation technology is perfect yet, and cost-effectiveness can be reached under specific conditions only.



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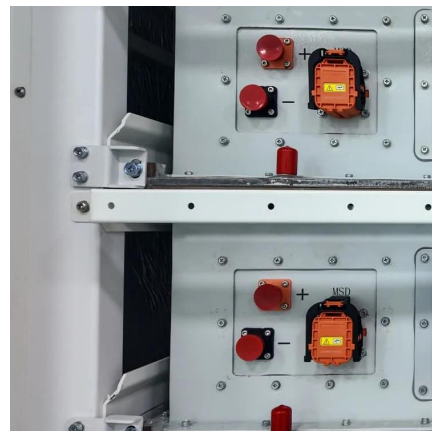
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