

## ContainerPower Energy Solutions

# Czech home energy storage power supply prices



## Overview

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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 cope with higher energy bills?

Unlike other European countries, the Czech Government has traditionally relied on the market to self-regulate, avoiding state intervention. This means that as prices rose, consumers and businesses had to cope with higher energy bills.

How much power does the Czech Republic produce in 2024?

In 2024 Czech generators produced about 68.7 TWh. Nuclear power supplied roughly 40–41% of that ( $\approx 28$  TWh) – the single largest source. Coal-fired plants (mainly lignite) supplied about 33–34% ( $\approx 23.7$  TWh). Renewables are a smaller but growing share. Photovoltaics alone reached record output ( $\sim 3.9$  TWh, about 5.7% of generation in 2024).

Why are Czech businesses investing in renewable projects without subsidies?

The subsidy increases to cover up to 75% of costs for community projects. But what we noticed at Wattstor is that Czech businesses are investing in renewable projects even in the absence of subsidies, because they have realised the strong business case for generating clean energy on site.

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