

## ContainerPower Energy Solutions

# How much does the Romanian energy storage power station cost



## Overview

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Investments in storage systems through which all of Romania's electricity consumption for four hours would be covered by energy stored in batteries would mean around 4 billion euros, i.e. the same amount that the state budget paid to suppliers to compensate for waste energy. says the Association of.

Aurora Energy Research foresees double digit internal rates of return for standalone battery energy storage (BESS) projects entering the market as early as 2026, while co-located assets could prove even more promising - especially post 2028 where rising saturation in the balancing markets is.

In an accelerating investment wave, companies in Romania are combining BESS with solar power, hydropower and wind power, or building standalone energy storage facilities. The group includes R.Power, Hidroelectrica, Engie and more big names. Recent updates about investments in battery energy storage.

According to the Prosumers Association (APCE), to ensure the energy storage needed to cover Romania's electricity consumption for four hours, investments of approximately 4 billion euros would be required. This amount is equivalent to the subsidies paid by the Romanian state to energy suppliers to.

Romania's energy market is taking important steps towards the integration of renewable energy, and Monsson's plan to develop a massive new electricity storage power plant in Constanța county is a key moment. With an estimated capacity of 2,016 MWh, this project will become one of the largest of its.

The US International Trade Administration indicates that the largest shares of clean energy sources in Romania are from wind farms (28.55%), hydroelectric power plants (24.05%), and nuclear power plants (14.65%). Romania's current energy strategy includes the construction of new nuclear reactors. How much money has Romania allocated for energy storage projects?

Romania has allocated EUR 80 million under its National Recovery and Resilience Plan (PNRR) for energy storage projects, which is expected to result in contracts for a total of 1.8 GW of capacity, according to Burduja. Romania has earmarked EUR 380 million to support energy storage projects.

Should Romania Invest in energy storage?

Burduja has also called for investments in energy storage, stressing that the Ministry of Energy is making non-refundable grants available for this purpose. Romania wants mature projects that can be implemented quickly and that can help balance the system, he was quoted as saying.

How much does electricity cost in Romania?

In April 2025, the average wholesale electricity price in Romania amounted to 87.21 euros per megawatt-hour. Wholesale electricity prices in the country peaked in August 2022, surpassing 490 euros per megawatt-hour. Add this content to your personal favorites. These can be accessed from the favorites menu in the main navigation.

What is Romania's largest battery storage system?

In April, Romania's largest battery storage system, of 24 MWh, was put into operation. It is the first phase of a project totaling 216 MWh. The facility is connected to the Mireasa wind farm of 50 MW, while a 35 MW solar power plant is expected to be added by the end of 2024. Be the first one to comment on this article.

How much does Romania spend on renewables?

The Romanian authorities have allocated a budget of €457.7 million (\$506 million) for a new renewables procurement exercise. Selected wind and solar projects will be granted rebates ranging from €425,000 to €1.3 million per megawatt installed.

How much energy will Romania have in 2025?

Romania expects its overall energy storage to amount to at least 2.5 GW in operating power at the end of 2025, and to expand to as much as 5 GW a year later, local media reported, citing Minister of Energy Sebastian Burduja.

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