

SolarTech Power Solutions

Romania s industrial energy storage battery performance



TAX FREE



Product Model

HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions

1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity

215KWH/115KWH

Battery Cooling Method

Air Cooled/Liquid Cooled



Overview

The data of the transmission and system operator show that, on January 1, 2025, 13 battery storage groups are operational in Romania, which have a total installed power of 137.2 MW and a capacity of 269 MWh. Is Romania's battery storage market ready for takeoff?

Romania's battery storage market is gaining momentum, but it's not yet ready for takeoff. A recent Aurora Energy Research report reveals strong investor interest and promising early projects, but also highlights some regulatory gaps and unclear market access.

Why is battery storage important in Romania?

This policy shift aligns Romania more closely with EU energy goals, where battery storage is increasingly recognized as an enabler of grid flexibility, renewable integration, and energy security.

Is Romania a promising battery market in southeastern Europe?

With roughly 100 MW of operational capacity — mostly pilot projects run by a few companies — the market is still nascent. Yet Romania now is one of the most promising battery capacity market in Southeastern Europe, said Filippos Falieros, Advisory Project Leader with Aurora Energy Research. What sets Romania apart is not infrastructure, but timing.

Why should investors invest in energy storage in Romania?

This step improves regulatory transparency, another key factor investors consider when committing capital. Romania's ambitions for energy storage are growing rapidly. The country plans to install 5 GW of battery energy storage capacity by 2026, a massive leap from its current level, which reached around 400 MWh as of April 2025.

What is Romania's largest battery project?

Leading the development is Nova Power & Gas, part of the Romanian E-Infra

Group, which has unveiled plans for the nation's largest battery project to date. The company will build a 400 MWh facility in Florești, Cluj county, which is expected to be operational by the end of 2025.

Why has Romania overhauled a key regulatory barrier preventing energy storage?

In a decisive move to support its clean energy transition, Romania has overhauled a key regulatory barrier holding back investment in energy storage.

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