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Romania develops energy storage project



Overview

Romanian electricity distribution and supply company Electrica is actively pursuing permits for the construction of 15 battery energy storage systems (BESS), collectively targeting a capacity of approximately 1 GWh. How is Romania transforming the European energy landscape?

The investment wave, supported by key regulatory changes, is elevating Romania in the European energy landscape. 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.

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.

How much does Romania spend on energy storage projects?

Romania has allocated €80 million (\$87 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. "The projects are under evaluation and we anticipate the signing of the contracts in September," the minister said.

Will Romania's natural gas storage facilities reach 80% capacity?

BUCHAREST, Oct 3 (Reuters) - Romanian natural gas storage facilities have been filled above a targeted 80% capacity and could reach 90% by Nov. 1, deputy Energy Minister Dan Dragan said on Monday. Unlike other countries in the region, Romania relies less on Russian gas.

How much storage capacity will Romania have in 2025?

This single project will double Romania's current installed storage capacity of

398.8 MWh, a figure that comes from transmission system operator Transelectrica, and mentioned by Romania's energy minister Sebastian Burduja in April, 2025.

What is Romania's energy storage requirement?

Minister of Energy Sebastian Burduja reportedly declared at a conference that Romania's storage requirement is 4,000MWh, and that half would be covered by BESS and half by pumped hydro energy storage (PHES) technology.

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