

Romania energy storage project

How much does Romania spend on energy storage projects?

Romania has allocated EUR80 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.

Does Romania have a battery energy storage plan?

In its first, the Romanian government has allocated EU funds for two major battery energy storage projects via its National Recovery and Resilience Plan. A utility-scale solar-plus-storage site in the country's northwest has flipped the switch.

What is Energy doing in Romania?

This week, Vienna-based Enery has commissioned a major solar and storage site in northwestern Romania. The project consists of a 51.4 MW PV plant and a battery energy storage facility of 22 MWh.

What is Romania's most important energy project?

Earlier this month, Burduja reported progress on what he terms as "the most important project for the Romanian energy system" - the 1 GW Tarnișoara pumped storage hydropower plant. Romania resumed the development of the project last year, upping the planned capacity from 500 MW to 1 GW.

How will Romania grow its energy storage fleet?

Romania aims to exponentially grow its energy storage fleet over the next couple of years, as it works on its plan to deliver 36% of the nation's energy to come from renewables by 2030, with 8.3 GW of solar and 7.6 GW of wind, and phase out coal by 2032.

What is Romania's energy storage requirement?

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

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Romania's energy ambitions are closely linked to the general objectives of the EU energy and climate policy. Thus, Romania has set a target of 30.7% for the share of renewable energy sources in gross final energy consumption for the 2030 time horizon through the National Integrated Energy and Climate Change Plan 2021-2030 -

The BESS will have 69.93 MWh of energy storage capacity and will be connected to the National Energy

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System (SEN) of Romania. Electrica said the total project value is EUR21.8 million excluding VAT, and that the PNRR funding covers 20% of that. That investment amount equates to a capital expenditure of US\$346,714 per MWh of energy storage capacity.

The project attempts to assess the current technical potential, regulatory framework, and estimated investment needs for commercially mature energy storage facilities in Romania, while also analysing the potential of different storage technologies, considering the domestic context.

The Romanian government relaunched a competitive solicitation for grants towards 240MW/480MWh of BESS though Enache and Mihaela Popescu, energy storage project manager for Monsson, said that other technologies would most likely take priority for now, and a large-scale storage one would only be properly tendered in late 2024.

Romanian developer Monsson has installed a 24 MWh battery storage system as the first stage of a 216 MWh project. The storage unit forms part of Romania's first hybrid PV-wind-battery system.

R.Power Renewables has been awarded a significant EUR15 million (RON 74.6 million) grant by the Romanian Ministry of Energy to deploy its first large-scale battery energy storage system (BESS). The funding, provided ...

Romania's Ministry of Energy has reached two additional milestones under the National Recovery and Resilience Plan related to battery storage capacities and PV panel production. ... EUR225 million Ukraine wind farms project with international financing. April 4, 2025 ...

Energy group Premier Energy (BVB: PE) announced that its subsidiary, Alive Renewable Holding Limited, has completed the acquisition of a 90% stake in Development Power Solar Energy, a company that ...

A local company from the Monsson group of the Swedish businessman resident in Monaco, Emanuel Muntmark, received authorization for a hybrid project consisting of a wind farm, a photovoltaic park ...

Monsson said on April 9 that it connected to the national grid the largest energy battery storage capacity in Romania. The facility is part of the first hybrid photovoltaic-wind-battery project ...

From ESS News. Romania has launched a new subsidy scheme for behind-the-meter battery energy storage systems to the tune of EUR150 million (\$158 million).

The Romanian government published new technical regulations for energy storage on Jan. 18. The secondary regulations are the first such technical rules in Romania. ... The new rules establish four ...

According to Wechat Official Account @EnergyStorage001,, China Energy Engineering Corporation (CEC) and Romanian Venerable EPC Company formally signed a ...

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The capacity of electricity storage batteries in Romania has now reached 398.8 MWh, corresponding to an installed power of 234.7 MW, according to the latest data from ...

Simtel and Prime Batteries Tech Partnership: Energy Storage Project for Romanian Prodromu Skete. In another interesting collaboration, Prime and Simtel aim at increasing energy efficiency, reduce costs, and accelerate the implementation of sustainable projects, both in Romania and across Europe, with their first joint project being a storage ...

Another transformative project is the Neptun Deep gas field in the Black Sea. A partnership between OMV Petrom and Romgaz, Neptun Deep is set to begin production in 2027, with an estimated output of 100 billion cubic meters of natural gas over its lifespan. This project alone could meet Romania's domestic gas needs for over a decade, with substantial surpluses ...

efficient energy sources (including biomass) with heat pumps to reach the 25% share. Considering the EU targets of increasing RES for heating and cooling by 1.1% per year between 2026 and 2030, the sectoral target assumed by Romania through the NECP should reach 47.3%. II. Storage and the electricity distribution and transmission network

Romanian utility Societatea Energetica Electrica received EUR 3.4 million in state aid for a 69.9 MWh battery storage project, with the funding envisaged to cover also the construction of transformers and accompanying ...

A solar project from developer Econergy in Romania. The country's solar sector is set to grow substantially, which will help the battery storage market kick on. Image: Econergy. The European Commission has ...

Romania has been relatively quiet for energy storage project announcements, even when compared to other neighbouring Balkans and southeast European countries. Portuguese utility EDP's renewables arm EDP Renováveis" (EDPR) inaugurated the country's first large-scale battery storage system, co-located with a wind farm, back in 2018 .

Polish solar developer and independent power producer (IPP) R.Power SA has obtained EUR 15 million (USD 15.5m) in grant financing from the Romanian government for a new energy storage project in the Balkan country.

An additional EUR 10.7 million has been earmarked for Energy Capital Group Srl's project to install a 199.1-MWh battery in Caras-Severin county. With the contracts, Romania has secured 20% of the capacity needed ...

Developer Monsson Group and system integrator Prime Batteries Technology have inaugurated a 6MW/24MWh battery energy storage system (BESS) in Romania, the country's largest. Monsson inaugurated



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the 4-hour project in Constanta County this week and is co-located with 35MW of solar PV and a 50MW wind park, which will be connected to the grid by ...

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