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Solar wind and energy storage in Romania



Overview

In an accelerating investment wave, companies in Romania are combining BESS with solar power, hydropower and wind power, or building standalone energy storage facilities. What does Romania want from energy storage projects?

Romania wants mature projects that can be implemented quickly and that can help balance the system, he was quoted as saying. 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.

How much will Romania spend on solar projects?

Around €372.7 million of the total will be devoted to projects exceeding 1MW in size and €75 million to wind and solar plants with a capacity between 200kW and 1MW. The Romanian authorities will grant a rebate of €750,000 per MW installed to PV projects with a power of 200kW to 1MW and of €425,000 per megawatt installed to solar arrays over 1MW.

How does solar energy work in Romania?

Once the sunlight passes through the earth's atmosphere, most of it is in the form of visible light and infrared radiation. Solar cell panels are used to convert this energy into electricity. The Romanian solar energy market is segmented by end-user.

How much money will be invested in Romania's energy sector?

Today, the Minister of Energy, Sebastian Burduja, announced on Facebook that an additional €150 million will be invested in Romania's energy sector. "I am pleased to announce that the Ministry of Energy is launching a new call for projects financed through the Modernization Fund, aimed at investments in energy storage capacities (batteries).

How much money is earmarked for energy storage projects in Romania?

Romania has earmarked EUR 380 million to support energy storage projects. A further EUR 300 million has been earmarked in the Modernization Fund, EUR 150 million each for this year and next, which will mean at least 3 GW of new energy storage capacity, he said.

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.

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