

Romania school energy storage

Nonetheless, the current Romanian legislation does not include sufficient details on future-proof systems and technologies. More elaborated provisions are needed for the adoption of different types of storage and norms related to storage system integration. Such enhanced legislation is needed for implementing the Romanian National Energy and Climate

Based on its renewable energy potential and considering the national energy sector's current characteristics - generation assets, interconnections, market design, regulatory landscape - Romanian authorities should plan for increased deployment of storage technologies. This report analyses the potential of some of the main energy storage technologies, presenting their respective advantages and disadvantages that need to be considered when evaluating the likelihood, scale, and speed of investment. It puts forward a set of policy recommendations.

Romania's first energy strategy in 17 years provides for energy transition to ensure the country's energy security. [Giovanni Mereghetti/UCG/Universal Images Group via Getty Images]

The Romanian government approved the country's first energy strategy in 17 years up to 2035, identifying energy storage as a key priority and envisaging a gradual shift from coal-fired power plants to cleaner natural gas in the short term and nuclear power in the medium and long term.

"There are six strategic objectives: energy security, energy efficiency, universal access to energy, affordability, economic competitiveness, and completing Romania's electrification," explained Energy Minister Sebastian Burduja.

Burduja also highlighted the importance of efficient energy markets, innovation, digitalisation, and cybersecurity, which he said were "increasingly crucial for the energy sector."

He further stressed the need for economic and social justice between regions and citizens, as well as technological neutrality, which would allow each country to choose the energy mix that best serves its citizens and businesses.

The minister also stressed that energy storage is becoming essential for the energy sector worldwide and called for the revitalisation of Romanian industry, particularly in producing batteries, transformers and inverters.

The investment for the energy rehabilitation of the building C10 from „Elie Radu” Energy Technology High School from Ploieşti was approximately EUR 1 million and was supported by OMV Petrom, the official sponsor of Romania Efficient project. During the works in Ploieşti, the company Signify joined as sponsor and offered the ultramodern lighting system, while the Electrica Group contributed with the system of



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photovoltaic panels.

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