# **SOLAR PRO.** Bess software Romania

#### Does Romania have a Bess system?

At this point,Romania's installed BESS capacity is negligible. The largest system now under construction is a 7 MW lithium-ion battery owned by Megalodan Storage in Ilfov county,near Bucharest. Presently,the only operational projects in the country are two BESS systems operated by Portugal's EDPR, with a total capacity of around 1.5 MWh.

#### When will Romania implement a Bess subsidy scheme?

All projects must be implemented by the end of 2025. The subsidy scheme will contribute to Romania's energy transition objectives by developing at least 240 MW/480 MWh. At this point,Romania's installed BESS capacity is negligible.

## How will a Bess subsidy help Romania's energy transition objectives?

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## How much is a Bess grant?

Under the new scheme, the grants will come in the form of reimbursement of expenses. According to Popescu, the maximum amount of BESS grants shall not exceed EUR 167,000 per megawatt-hour installed and EUR 15 million per project. A single applicant may submit only one project. All projects must be implemented by the end of 2025.

#### What is Romania's National Recovery & Resilience Plan?

Romania's National Recovery and Resilience Plan consists of EUR 14.24 billion in grants and EUR 14.94 billion in loans. About 41% of the plan will be directed to the green energy transition. Under the new scheme, the grants will come in the form of reimbursement of expenses.

We hear from renewables independent power producer (IPP) and energy trading firm Monsson about a recent BESS project in Romania which the company said used nearly 100% European technologies. The company is ...

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 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 ...

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the developer and investor behind a 6MW/24MWh battery energy storage system (BESS) which came online in Constant County, Romania, ...

The ANPM"s decision document revealed that the project will utilise BESS and power conversion system (PCS) technology from China-headquartered electronics firm Huawei. Specifically, it will use containers with Huawei Smart String ESS LUNA2000-2.0MWH-4HL batteries combined with its Luna 2000-200KTL-HO inverters.

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Throughout the day, we will provide an overview of the latest market developments, share best practices in network balancing, current regulations in Romania and Europe, Storage as a Service" (SaaS) and the use of BESS in microgrids for resilience and efficiency, while discovering cost-saving storage technologies and emerging trends.

The project would be many times larger than the largest BESS online in Romania today, a 6MW/24MWh system from developer and independent power producer (IPP) Monsson (Premium access article). Huawei technology to be deployed for the project

Monsson also designed the software for the system to operate in the energy market and holds a patent for a specific type of BESS water cooling system. The BESS project is hybridised with a 35MW PV, 50MW wind plant and is primarily optimising the dispatch of those renewables to increase revenues for the overall power plant.

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