

Specific energy storage applications bucharest

With BESS systems, Simtel delivers solutions that optimize energy production revenues by storing surplus energy during periods of overproduction and maximizing self-consumption during favorable conditions, using forecasting algorithms to reduce costs. Additionally, these systems allow intelligent management of storage capacity based on the customer's consumption profile, ensuring the necessary power input into the grid to handle peak demand periods.

Moreover, these systems facilitate active participation in the energy balancing market by optimizing voltage and frequency calibration. Thanks to their rapid response, the systems are eligible for providing ancillary services, including secondary reserve adjustment. Furthermore, BESS systems enhance stability by compensating for grid interruptions and operating in isolated mode during critical situations, addressing imbalances when necessary.

The launch of this business line comes as Simtel continues to develop significant projects in the energy storage sector. The company is currently developing five energy storage parks with a total capacity of approximately 200 MWh, scheduled for phased completion by the end of 2026. Additionally, this year, Simtel signed two strategic partnerships to advance its presence in the energy storage sector.

One partnership was established with PRIME Batteries Technology, a leading European producer of energy storage solutions and the sole battery manufacturer in Romania. This collaboration focuses on the development of advanced renewable energy technologies, aiming to increase energy efficiency, reduce costs, and accelerate the deployment of sustainable projects both in Romania and across Europe.

The second partnership was signed with Monsson, the largest developer of renewable energy projects in Romania and Southeast Europe. This collaboration targets the development, construction, and sale of photovoltaic and/or hybrid projects with a total installed capacity of approximately 150 MWp. Additionally, it includes the development of energy storage solutions with capacities of up to 120 MWh.



Specific energy storage applications bucharest

Contact us for free full report

Web: <https://www.hollanddutchtours.nl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

