

Bulgaria electric sodium sulfur energy storage project



Overview

Sungrow and Sunotec have launched a 150 MW/600 MWh battery storage facility in Nova Zagora, Bulgaria. Developed by Enery, the project is among the country's largest BESS installations and forms part of a planned 3 GWh storage pipeline by 2026. 8-hour duration) NAS battery-based energy storage system (ESS) has gone into operation at the. MUNICH and SOFIA, Bulgaria, June 12, 2026 /PRNewswire/ -- Sungrow, a globally leading provider of PV inverters and energy storage systems (ESS), together with its partner Sunotec, an international integrator of large-scale renewable energy infrastructure, has successfully commissioned a 150 MW /. Sungrow and Sunotec have successfully commissioned a 150 MW/600 MWh battery energy storage system (BESS) in Nova Zagora, Bulgaria. The large-scale energy storage facility is among the biggest of its kind in the country and represents a major milestone in supporting Bulgaria's renewable energy. This paper describes the basic features of sodium sulfur battery and summarizes the recent development of sodium sulfur battery and its applications in stationary energy storage. The final decision, announced on April 17, 2025, concludes a competitive selection process that began with 151 proposals in August 2024.



Article Content

Could this utility's next-gen storage test be a game changer?

Could sodium-sulfur technology transform energy storage? Duke Energy would like to know, which is why it's launching a pilot project to test the tech.

Advanced Energy Storage Systems

The advanced energy storage systems market size attached to electrochemical chemistries, therefore, scales fastest where a four-hour duration can clear merchant spreads. Flow

Sungrow, Sunotec Commission 600 MWh Battery Storage Project in

Sungrow and Sunotec have commissioned a 150 MW/600 MWh battery energy storage project in Bulgaria, supporting renewable energy integration and grid stability.

Sungrow and Sunotec Launch a Major Battery Storage Project in

Sungrow and Sunotec have commissioned a significant 150 MW / 600 MWh battery storage project in Nova Zagora, Bulgaria, marking a crucial step in energy transition.

Enery Secures Green Financing for 600 MWh Battery Storage Project

The transaction marks one of the country's most advanced storage financing deals to date, supporting Bulgaria's transition toward a more flexible and renewable-powered energy system.

NGK Insulators' Advanced Sodium-Sulfur Battery Technology Powers

This pilot aims to evaluate the feasibility of sodium-sulfur as a viable alternative to traditional lithium-ion battery energy storage systems (BESS). Findings from this project will be

Sungrow, Sunotec Commission 600 MWh BESS Project in Bulgaria

Sungrow and Sunotec have successfully commissioned a 150 MW/600 MWh battery energy storage system (BESS) in Nova Zagora, Bulgaria. The large-scale energy storage facility is

NGK's first sodium-sulfur battery in Eastern Europe online

The 500kW/2,900kWh (5.8-hour duration) NAS battery-based energy storage system (ESS) has gone into operation at the production site in Kostinbrod, western Bulgaria, of Rollplast, a

Bulgaria: Energy Storage as a Catalyst for a Changing Power Sector

Fortunately, Bulgaria sits in the privileged position where it can profit from the experiences of other energy systems with high renewable shares. Here, battery-based energy storage is integrated as a

Sodium-Ion Battery Market Size | Industry Report, 2033

Sodium-ion batteries are well-suited to these applications due to their stable performance, tolerance to frequent charge-discharge cycles, and suitability for

Containerized Battery Energy Storage System (BESS) Market Report

The global Containerized Battery Energy Storage System (BESS) Market size was estimated at USD 9,33 billion in 2024 and is predicted to increase from USD 13.87 billion in 2025 to approximately USD

NAS batteries: long-duration energy storage proven at

Sodium-sulfur (NAS) battery storage units at a 50MW/300MWh project in Buzen, Japan. Image: NGK Insulators Ltd. The time to be skeptical about the

Sermatec Secures 430+ MWh Energy Storage Project in Bulgaria

Recently, Shanghai Sermatec Energy Technology Co., Ltd. achieved a major breakthrough in the European market by securing a 430+ MWh energy storage procurement project

BESS: Energy Saving Solutions for Efficient Energy

Smart energy consumption, cost-cutting, resilience, resource-saving, environmental efficiency—this is not a complete list of benefits offered by a

BULGARIA LARGE SCALE BATTERY ENERGY STORAGE PROJECT

This paper describes the basic features of sodium sulfur battery and summarizes the recent development of sodium sulfur battery and its applications in stationary energy storage.

NGK's NAS sodium sulfur grid-scale batteries in depth

Japan-headquartered NGK Insulators is the manufacturer of the NAS sodium sulfur battery, used in grid-scale energy storage systems around the world.

Sungrow and Sunotec commission Enery's 150 MW / 600 MWh

The installation is one of the largest battery storage projects in Bulgaria and marks an important milestone for the energy transition in Southeast Europe. The 150 MW / 600 MWh facility will enhance

Sodium Sulfur Battery

Sodium-sulfur batteries are rechargeable high temperature battery technologies that utilize metallic sodium and offer attractive solutions for many large scale electric utility energy storage applications.

Research on sodium sulfur battery for energy storage

Sodium sulfur battery is one of the most promising candidates for energy storage applications. This paper describes the basic features of sodium sulfur battery and summarizes the

Bulgarian tender awards nearly 10 GWh of energy storage

Bulgaria's standalone energy storage tender, which aimed to procure at least 3 GWh of cumulative usable capacity, ultimately awarded more than

Top 10 Energy Storage Trends & Innovations | StartUs

Discover the Top 10 Energy Storage Trends plus 20 out of 3400+ startups in the field and learn how they impact your business.

Connect with China's energy storage industry

Bulgaria's largest commissioned system to date is a 25MW/55MWh installation by Renalfa (June 2024), followed by an 18.7MWh project from China

Battery energy storage systems The case of Bulgaria: recent policy ...

Approximately 200 million EUR investments to encourage the combination of new renewables with local electricity storage facilities (totaling around 200 MW); Transformation of AES Galabovo into a large

Spain's CIUDEN tests sodium-sulfur battery in

Spanish company CYMI (Control y Montajes Industriales, of the COBRA IS group) has completed operational testing of the sodium-sulfur (NaS)

Bulgaria: Enery secures green financing for 150 MW battery storage

The funding will support the construction of a utility-scale battery storage facility in the Nova Zagora area. The project will have an installed capacity of 150 MW and a storage capacity of

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