



# Bulgaria electric sodium sulfur energy storage project





## Overview

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The new BESS joins a 25-MW/55-MWh project in Razlog, in southwestern Bulgaria, that came online in 2024. That project was developed by Renalfa IPP, a Vienna, Austria-based energy group. The installation is managed by KER Toki Power, a fully digital Bulgarian.

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/SOFIA, BULGARIA, May 22, 2025, 11:00 CET, RENEWABLE MARKET WATCH™ / Bulgaria is now home to the largest electricity storage facility in the European Union. This facility, constructed by Advance Green Energy AD in Lovech, has an installed capacity of 124.1 MW and can store up to 496.4 MWh of energy.

Bulgaria's Ministry of Energy has approved €588 million in funding for 82 standalone battery energy storage projects, totaling nearly 9.7GWh of usable capacity. The final decision, announced on April 17, 2025, concludes a competitive selection process that began with 151 proposals in August 2024.

Bulgaria will finance 82 standalone battery storage projects worth over 1.15 billion levs (\$675 million) under its EU-funded procurement exercise named RESTORE. The selected projects will deliver a total usable battery energy storage system (BESS) capacity of 9,712.89 MWh, the Ministry of Energy said.

city (gr , which were under repair, a strong water hammer occurred and the facility was literally destroyed. The damage is such that r pairs could hardly be made and it will probably be necessary to completely rebuild the power plant. As a possible reason, sources from "Capital" point to the lack.

NGK Insulators, manufacturer of batteries and storage system based on sodium-sulfur (NAS) chemistry, has announced the commissioning of its first system deployed in Bulgaria. The 500kW/2,900kWh (5.8-hour duration) NAS battery-based energy storage system (ESS) has gone into operation at the.

Developers of 82 standalone battery storage projects in Bulgaria, for an overall



9.71 GWh in capacity, got approval for EUR 587 million in subsidies from the Ministry of Energy. Another 30 landed below the line, but the government intends to boost the program by EUR 120 million. More than four.



## Bulgaria electric sodium sulfur energy storage project



### [Japanese firm launches CEE's first sodium-sulfur battery storage ...](#)

The groundbreaking 500 kW NAS battery-based energy storage system (ESS) has been successfully put into operation at windows, doors and blinds manufacturer Rollplast's ...

### [Bulgaria: Energy Storage as a Catalyst for a Changing ...](#)

capacity to 2.2 GW with another 700 MW expected to become operational in 2023. In other words, Bulgaria could easily sail past its 2030 National Ener.



### [Bulgaria Is Promoting Standalone Battery Storage Upto 10GW](#)

Bgaria will finance 82 standalone battery storage projects worth over 1.15 billion leva (\$675 million) under its EU-funded procurement exercise named RESTORE.

### [Bulgaria Commits EUR600 Million to Nearly 10GWh in Energy Storage](#)

Bulgaria's Ministry of Energy has approved EUR588 million in funding for 82 standalone battery energy storage projects, totaling nearly 9.7GWh of usable capacity. The ...



### [sodium-sulfur Archives](#)

Sodium-sulfur (NAS) batteries made by NGK Insulators will be supplied by a subsidiary of chemicals company BASF for power-to-gas projects by South Korean company ...

### [NAS battery maker NGK in Japan VPP, large-scale partnerships](#)

Image: BASF New Business. Sodium-sulfur (NAS) battery storage manufacturer NGK Insulators has formed new partnerships in Japan aimed at both the distributed and utility ...



### [Wind-to-battery Project](#)

Xcel Energy will test a one-megawatt wind energy battery-storage system, using sodium-sulfur (NaS) battery technology. The test will demonstrate the system's ability to store wind energy ...



### [Bulgaria Launches EU's Largest Battery Storage Project with ...](#)

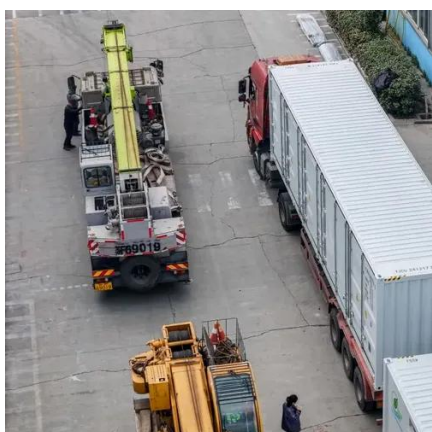


On May 22, local time, Bulgaria 's Energy Minister Zhecho Stankov announced the launch of the largest battery energy storage system within the European Union, with a ...



[Bulgaria: largest BESS project online, with Hithium ...](#)

A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa ...



[Bulgaria Is Promoting Standalone Battery Storage ...](#)

Bgaria will finance 82 standalone battery storage projects worth over 1.15 billion leva (\$675 million) under its EU-funded ...



[Largest Battery Energy Storage System \(BESS\) in the European ...](#)

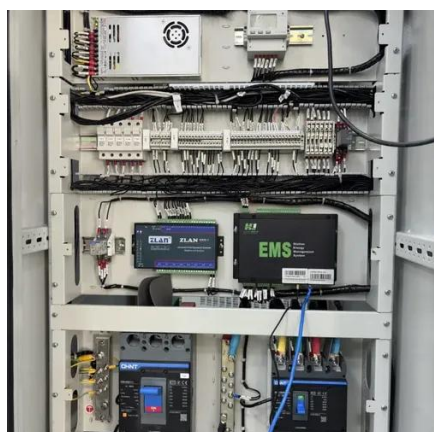
The storage system is part of the largest hybrid fleet in the EU, including a 106 MW photovoltaic plant. It is connected to Bulgaria's first and only licensed closed distribution network located at ...



[NAS batteries: long-duration energy storage ...](#)



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

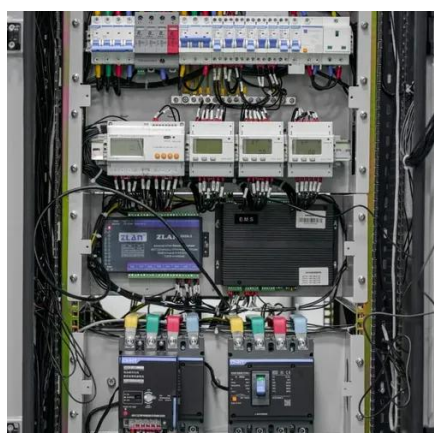


[ARENA funds microgrid trials for sodium-sulfur, ...](#)

Technologies could become 'important part of energy mix in regional communities' The sodium-sulfur battery tech has been developed ...

### [Sodium-Sulfur \(NaS\) Battery](#)

A sodium-sulfur (NaS) battery is a high-capacity, high-temperature energy storage system that stores energy using molten sodium and sulfur as active materials. These batteries ...



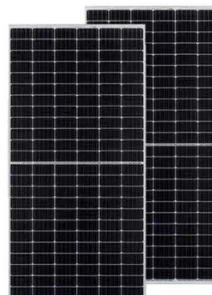
[NGK's first sodium-sulfur battery in Eastern Europe ...](#)

The 500kW/2,900kWh (5.8-hour duration) NAS battery-based energy storage system (ESS) has gone into operation at the production ...

### [PG& E, Energy Commission Unveil 4MW NaS Battery Energy Storage ...](#)



The system has the potential to provide important services for balancing energy supply and demand, helping to support greater integration of intermittent renewable ...



### [Battery energy storage systems The case of Bulgaria: recent ...](#)

Transformation of AES Galabovo into a large-scale energy storage facility using proven technology implemented in concentrated solar power plants (CSP) using molten salts

### [Bulgaria grants EUR 587 million to 82 battery storage projects](#)

Developers of 82 standalone battery projects in Bulgaria, for an overall 9.71 GWh in capacity, got approval for EUR 587 million in subsidies.



### [EU's Largest BESS Project Now Online in Bulgaria](#)

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### [Electric Transmission Texas](#)

PROJECTS & PLANS > In Service Presidio NaS Battery Project The ETT sodium-sulfur ("NaS") battery system is the first in Texas and the largest in the United States and represents an ...



### [Bulgaria grants EUR 587 million to 82 battery ...](#)

Developers of 82 standalone battery projects in Bulgaria, for an overall 9.71 GWh in capacity, got approval for EUR 587 million in ...





## Contact Us

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For inquiries, pricing, or partnerships:

<https://www.zawojcsolina.pl>

Phone: +48 22 173 6647

Email: [info@zawojcsolina.pl](mailto:info@zawojcsolina.pl)

Scan QR code for WhatsApp.

