

## **PDEOZE PowerContainer**

# **Bulgarian Chemical Energy Storage Project**



## Overview

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How many project proposals were submitted in Bulgaria's energy storage procurement procedure?

A total of 151 project proposals were submitted in Bulgaria's standalone energy storage procurement procedure named RESTORE, which is seeking to support the construction and commissioning of renewable energy storage facilities with a cumulative minimum usable capacity of 3 GWh.

Why do we need energy storage solutions in Bulgaria?

Establish a reliable energy system with greater share of intermittent generation. In the context of Bulgaria's energy landscape, energy storage solutions present a diverse array of benefits to various stakeholders stemming from its unique ability to time-shift energy and rapidly respond when called upon. The applic.

How much money does the NRRP provide for energy projects in Bulgaria?

Under the RESTORE initiative, launched through Bulgaria's National Recovery and Resilience Plan (NRRP), the Ministry of Energy has selected 82 projects that will collectively receive BGN 1.15 billion (approximately \$675 million) in public funding.

Can battery-based energy storage improve peaking capacity in Bulgaria?

Storage can also offer greater flexibility and efficiency in managing the grid. Furthermore, and although hydropower storage already makes up a significant source of peaking capacity in Bulgaria, battery-based energy storage can address peaking needs during times of droughts, meet requirements for more distributed peaking po.

When will a Bulgarian electricity project be implemented?

The investments under the procedure must be implemented and the facilities connected to the electricity transmission and distribution networks on the

territory of Bulgaria and put into operation by March 2026. In May 2025, the degree of maturity of the projects and their implementation will be checked.

What is the deadline for submitting project proposals in Bulgaria?

The deadline for submission of project proposals was December 5, 2024. The Bulgarian Ministry of Energy announced on December 6 that it has received 151 project proposals worth nearly BGN 5 billion, which far exceeded the available funding of BGN 1.154 billion. Of the submitted proposals, 118 projects—totaling BGN 1.6 billion—were shortlisted.

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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.

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

In February, state-owned utility and power generation firm NEK announced plans to deploy BESS totalling nearly 300MWh at five of its hydropower sites across Bulgaria. Bulgaria has selected 82 winning ...

All facilities must be connected to Bulgaria's grid and operational by March 2026. RESTORE is part of Bulgaria's National Recovery and Resilience Plan (NRRP), which ...

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

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