

## A-Core Container

# Bulgaria lithium battery energy storage system project



## Overview

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A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided by Chinese firms Hithium and Kehua. What is the largest battery energy storage system in Bulgaria?

The system is the largest in Bulgaria. Image: Renalfa IPP. A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided by Chinese firms Hithium and Kehua.

What is the largest energy storage facility in Eastern Europe?

The project, the largest in Eastern Europe, has been realised by Solarpro, a company specialising in energy generation and storage solutions across Europe. The facility became operational in early June 2024, following the installation of Hithium's 16 energy storage containers, each with a 3.44MWh capacity.

What is a battery energy storage system (BESS)?

A 25MW/55MWh battery energy storage system (BESS) has been commissioned in Bulgaria, Eastern Europe, by operator Renalfa IPP, using technology provided by Chinese firms Hithium and Kehua. The project is co-located with a 33MWp PV plant in southwestern Bulgarian city of Razlog and is connected to the transmission system operator (TSO) grid.

Where is the hithium Bess project located?

The Hithium BESS project in Razlog, Bulgaria. Credit: Hithium / Business Wire. Hithium has launched a 55 megawatt hours (MWh) battery energy storage system (BESS) project in Razlog, southwestern Bulgaria.

What is the biggest solar project in Bulgaria?

The Renalfa IPP project in Razlog has been claimed as the biggest project of

its type in Bulgaria. It is also larger than the biggest project to come online so far in neighbouring Romania, a 6MW/24MWh BESS in that country's Constanta County, co-located with solar PV and wind generation plants.

When did Hithium become operational?

The facility became operational in early June 2024, following the installation of Hithium's 16 energy storage containers, each with a 3.44MWh capacity. Is your company planning to adjust overall business investments due to high tariffs?

Hithium's Block 3.44MWh container is an advanced liquid-cooled battery storage system.

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