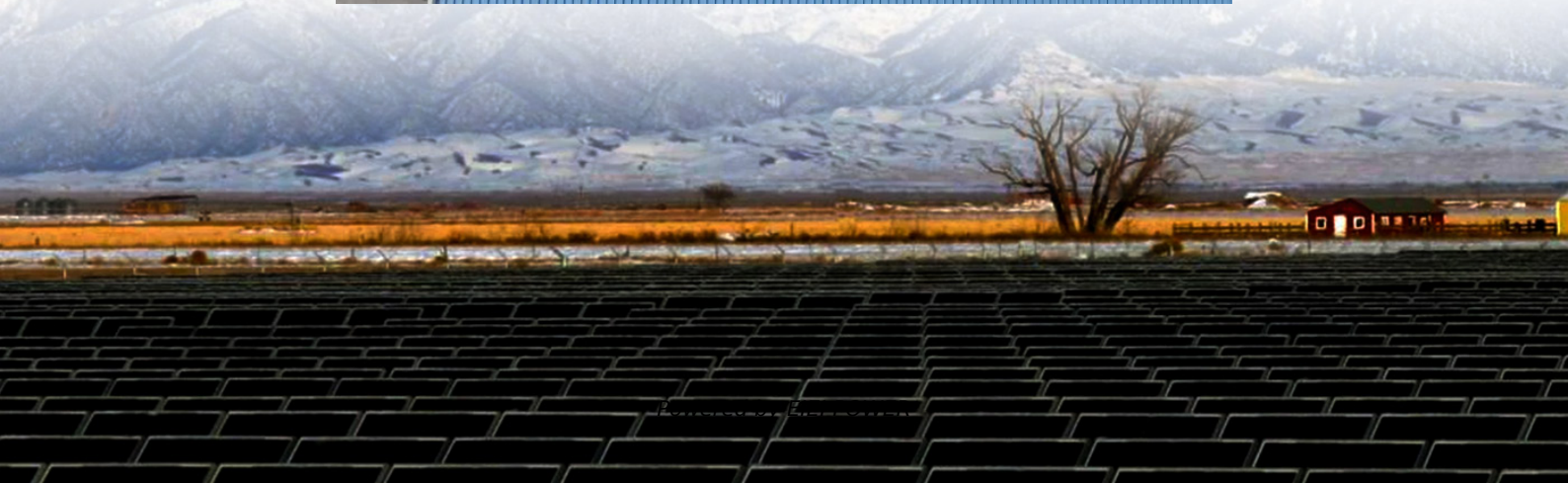


# Where is the energy battery cabinet at the Sofia solar Communication Site





## Overview

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Is there a transition to energy storage in Bulgaria?

“In fact, we are already seeing the transition to energy storage in Bulgaria, mainly through the development of battery storage facilities behind-the-meter,” Alexander Rangelov, CEO of the International Power Supply (IPS) Group, an energy storage manufacturer headquartered in Sofia, told pv magazine.

What will Bulgaria's solar power capacity be used for?

This capacity will be used for both solar peak shaving and grid balancing,” Rangelov said. Bulgaria’s Ministry of Energy is currently running two tenders aiming to commission 1,425 MW of solar and wind generation capacity coupled with 350 MW of behind-the-meter energy storage.

How much does a battery energy storage system cost in Bulgaria?

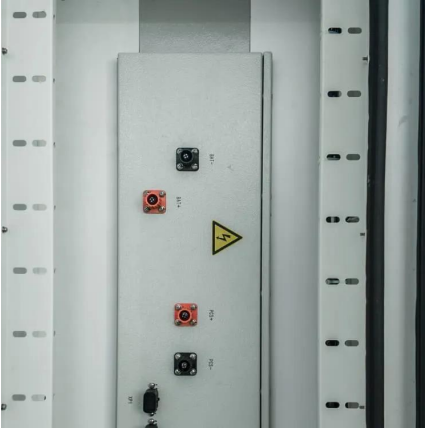
Specifically, according to data presented by Soltani at the RE-Source Southeast Conference, Bulgaria’s electricity market offers an opportunity for €110 per MWh profit with a battery energy storage system with two hours of discharge capacity using energy arbitrage. Rystad Energy’s analysis has set the battery system costs at a flat €60 per MWh.

Can a factory install a battery energy storage system without renewable power?

Rather interestingly, according to Rangelov, some large consumers, such as factories, are also installing behind-the-meter battery energy storage systems even without having a renewable power generation facility on site.



## Where is the energy battery cabinet at the Sofia solar Communicati



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In off-grid business use, a Solar PV Energy Storage box represents an autonomous power solution that has photovoltaic (PV) arrays, storage batteries, inverters, and controls.

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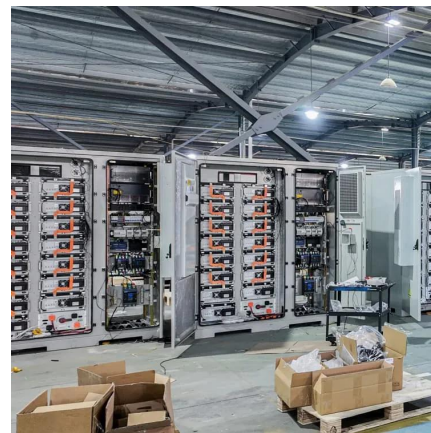
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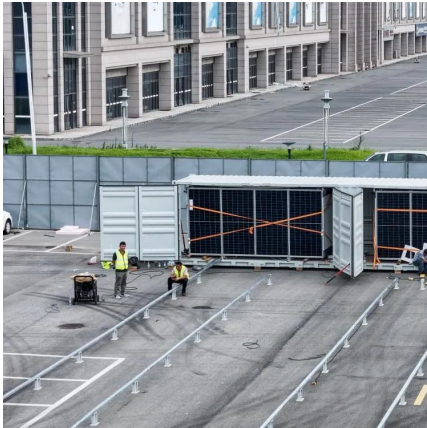
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