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Israel s new energy storage industry



Overview

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Energy Minister Eli Cohen (fourth from right) helps inaugurate the new National Institute for Energy and Electrochemical Storage at Bar-Ilan University, near Tel Aviv, June 3, 2025. (Shlomi Mizrahi, Bar-Ilan University) Sodium-based batteries for storing renewable energy cheaply and the recycling.

In a milestone event for Israeli innovation, Minister of Energy and Infrastructure Eli Cohen and Bar-Ilan University President Prof. Arie Zaban officially inaugurated the National Institute for Electrochemical Energy Storage, established at Bar-Ilan University in collaboration with the Technion –.

Israel's energy tech ecosystem is growing fast. More than 350 active startups are now developing solutions across energy generation, storage, infrastructure, and decarbonization. These companies raised over \$400 million in private capital in the past year, reflecting strong investor interest even.

The Israeli Electricity Authority (IEA) has awarded contracts for 1.5 GW of high-voltage battery storage across 11 projects in a recent tender. The awarded facilities will be developed in three key regions, helping integrate renewable energy into Israel's power grid. The tender attracted 11 bidders.

Israeli companies are stepping up to this challenge, leveraging the country's strengths in materials science, electrochemistry, and software engineering to create next-generation storage technologies. Israeli startups and research

institutions are making remarkable advances across multiple storage.

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