

Türkiye s energy storage and new energy investment plan





Overview

Washington, DC –Today, the governing board of the Climate Investment Funds signed off on a landmark \$70 million investment plan for Türkiye, set to boost the country's power transmission system, mobilize an additional \$1 billion in climate finance, and help realize one of the most ambitious clean energy scale-ups in the world. Where does Türkiye invest in energy storage?

Global energy storage investments have surpassed 150 GWh. Türkiye has already begun installations in Hungary, Bulgaria, and Spain, leveraging its geographic advantage close to Europe. Tokcan highlighted the importance of local expertise in manufacturing, system management, and maintenance to avoid dependency on foreign firms.

How big is Türkiye's energy storage capacity?

Türkiye's 35 GWh storage capacity accounts for grid-scale projects alone. Global energy storage investments have surpassed 150 GWh. Türkiye has already begun installations in Hungary, Bulgaria, and Spain, leveraging its geographic advantage close to Europe.

What is Türkiye National Energy Plan?

Türkiye National Energy Plan study has been developed in accordance with Article 20 of the Electricity Market Law No. 6446 entitled Supply Security, and Supplementary Article 2 of the Natural Gas Market Law No. 4646, and covers the period up to 2035, based on Türkiye's 2053 Net Zero Emission Target.

Can Türkiye become a regional hub for battery technology?

"We believe Türkiye can become a regional hub for battery technology, and our government is committed to making this a reality," Tokcan said. These efforts will position Türkiye as a leader in energy storage innovation, fostering collaboration and supporting renewable energy goals.

What is Türkiye energy model?



Türkiye Energy Model Türkiye Energy Model is a mathematical system that has been constructed using the General Algebraic Modeling System (GAMS), which is a widely used mathematical software program for the creation of large-scale models. The program was developed specifically for Türkiye, and all source codes were delivered.

Is Türkiye a global hub for green hydrogen?

Beyond traditional renewables, Türkiye is positioning itself as a regional hub for green hydrogen, tapping into a trillion-dollar global market. Investment in hydrogen production, storage, and export infrastructure is set to grow, supported by favorable policies and strong international partnerships.



Türkiye's energy storage and new energy investment plan



[Türkiye unveils 2025 investment plan with focus on green energy, ...](#)

The plan prioritizes green energy, digital transformation, regional development, and industrial competitiveness. The new framework seeks to align Türkiye's business environment ...

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Türkiye plans to reach 7.5 GW of battery energy storage and 5 GW of electrolyser capacity by 2035. While batteries play a key role in short-term (hourly) balancing, electrolyzers ...



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Türkiye to invest \$10B in energy storage to boost wind and solar energy

Timeline: Energy storage investments will gain speed by the first quarter of 2025, with systems operational by early 2026. Objective: Store



excess wind and solar energy for use ...



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Recent policy reforms, regulatory advancements, and targeted investment incentives have positioned Türkiye's battery energy storage systems ("BESS") market as a high-potential ...

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And to support this ambition, CIF has recently endorsed Türkiye's Investment Plan providing \$70 million under CIF's Renewable Energy Integration Program, which is expected to raise \$1 ...



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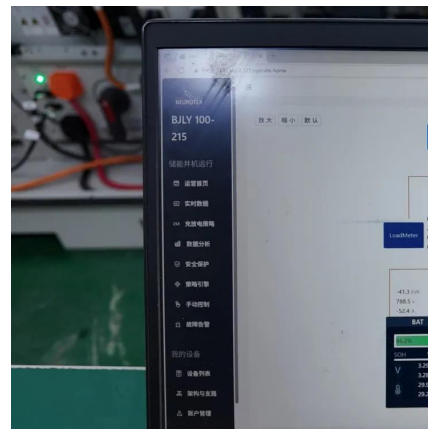


China and Türkiye will build Europe's largest energy storage facility

Turkish Progresiva Energy Investments and Chinese Harbin Electric International Engineering Co., Ltd. (HEI) have signed an agreement for a \$600 million investment, which ...

[CIF Endorses \\$70 Million Plan to Accelerate Turkey's Renewable Energy](#)

The Climate Investment Funds (CIF) has endorsed a \$70 million plan to accelerate Turkey's transition to renewable energy. Learn about the project's goals and its impact on ...



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Türkiye plans to achieve this by expanding its energy storage capacity, incorporating green hydrogen, and embracing digital technology. By 2035, Türkiye aims to ...



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