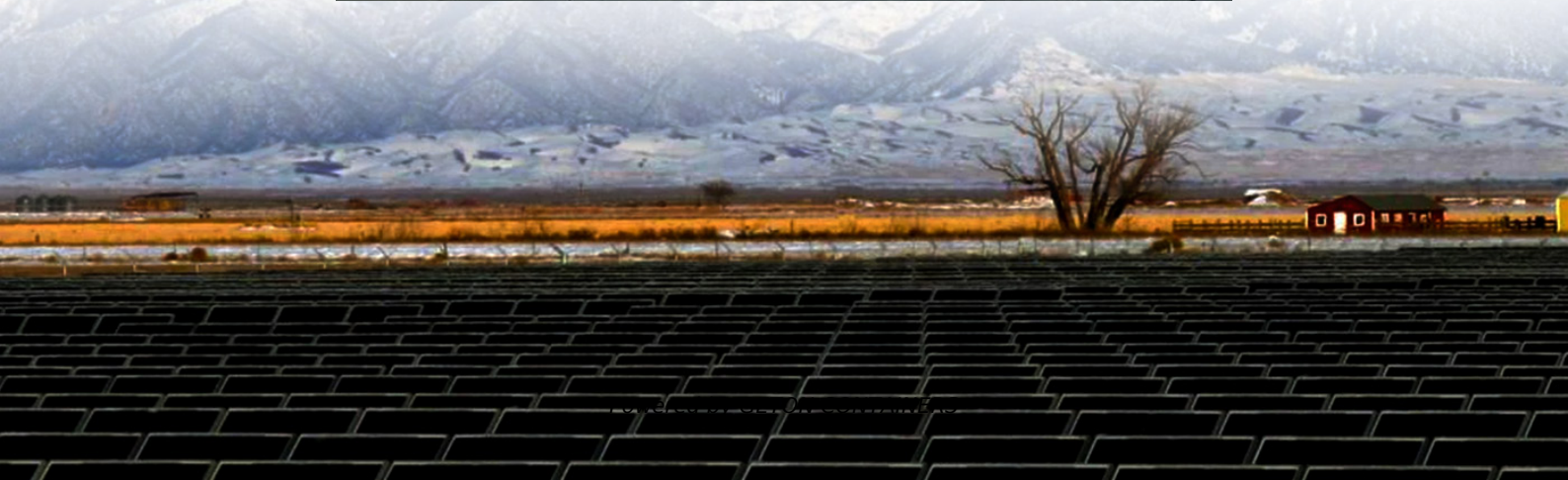


# **Electric Power Construction Energy Storage Project in Türkiye**





## Overview

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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 type of energy does Türkiye generate?

Approximately 56% of Türkiye's electric power generation capacity consist of renewable energy, including hydroelectric, wind, solar, geothermal, and biomass power plants, making Türkiye the fifth-largest generator of renewable energy in Europe and the 11th largest 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 much power will Türkiye have in 2035?

According to Türkiye's 2020–2035 National Energy Plan, Türkiye's power generation capacity will reach 189.7 GW in 2035 (a 79% increase from 2023). Türkiye's share of renewable energy will increase to 64.7% with solar power capacity increasing 432% and wind capacity increasing 158%.



## Electric Power Construction Energy Storage Project in Türkiye



### [Türkiye's Largest Grid-Scale Energy Storage ...](#)

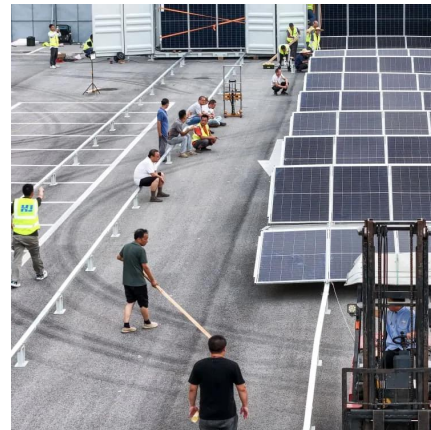
The project will be financed with USD 300 million from China, facilitated by Harbin Electric International (HEI), with domestic storage systems supplied by Kontrolmatik Group company Pomega. In addition, ...

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### [Energy storage in Turkey: 80GW Capacity Planned by 2030](#)

Local energy storage projects still need to be approved by the Turkish government to go ahead, and according to PwC, the licensed capacity for energy storage construction in ...

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### **Charting the future: Storage-integrated electricity generation in Türkiye**

Türkiye's journey toward sustainable energy took a significant leap with the introduction of storage-integrated electricity generation plants.

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### [Developing or Investing in Wind, Solar, and Energy ...](#)

As of April 2025, Türkiye's total installed electricity generation capacity exceeds 118 GW. The country's three largest renewable energy sources-- hydroelectric (dam-based), ...





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

Türkiye is making significant strides toward its 2053 net-zero carbon emissions goal by ramping up investments in energy storage systems according to Türkiye daily. The ...

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### Battery Storage and Infrastructure: The Next Leap in Türkiye's Energy

4. Infrastructure: The Hidden Backbone of the Transition While storage is the visible technological enabler, infrastructure is the invisible foundation of the energy transition. Every ...

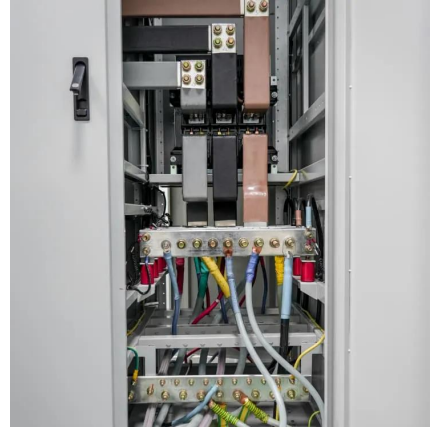
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### [Türkiye 250MW/1000MWh Energy Storage ...](#)

In recent years, Harbin Electric Power International has actively engaged in the construction of the the Belt and Road, deeply implemented the "three systems" layout of Harbin Electric Power Group, ...

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### [Turkey's largest energy storage facility to be ...](#)

The signatures were signed for Turkey's first GW-level electricity storage facility established by Kontrolmatik. China's state-owned Harbin Electric International Company (HEI) will provide a loan of USD ...

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### [Turkey's largest energy storage facility to be built with...](#)

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