



Türkiye subsidizes new energy storage





Overview

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Türkiye's energy transition has created a decisive opening for battery energy storage systems (BESS) —especially when paired with solar (GES) or wind (RES). Recent regulatory changes allow developers to co-locate storage with renewables and obtain licenses without competitive auctions, catalyzing.

ANKARA, May 16, 2024— The Government of Türkiye, the World Bank, and Turkish development banks, signed today an agreement for a \$1 billion program on 'Accelerating the Market Transition for Distributed Energy'. This innovative program will help establish and expand Türkiye's market for distributed.

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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, electrolysers will enable seasonal energy storage by converting surplus electricity—especially from solar and wind—into e-fuels. To. 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.

How will Türkiye improve energy security?

The government aims to significantly scale-up solar energy to 52.9 gigawatts (GW) by 2035 from 9.5 GW in 2022. The target for battery storage is 7.5 GW. With these and other clean energy measures, the government is boosting energy security as an integral part of efforts to decarbonize Türkiye's economy by 2053.



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[Turkey: the rise of utility-scale energy storage technologies](#)

This article highlights legal provisions promoting the expansion of renewable energy investments with storage systems, aligning with Turkey's strategic goal of achieving net-zero emissions by ...

[Türkiye to Invest \\$10B in Energy Storage to Boost ...](#)

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



TAX FREE

ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled

[Investing in Battery Energy Storage Systems \(BESS\) in Turkey: ...](#)

Türkiye's energy transition has created a decisive opening for battery energy storage systems (BESS)--especially when paired with solar (GES) or wind (RES).

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Türkiye secures \$70 million from Climate Investment Funds to enhance its renewable energy grid, expanding infrastructure, battery storage, and grid flexibility to ...



[Türkiye to invest \\$10B in energy storage to boost wind and solar energy](#)

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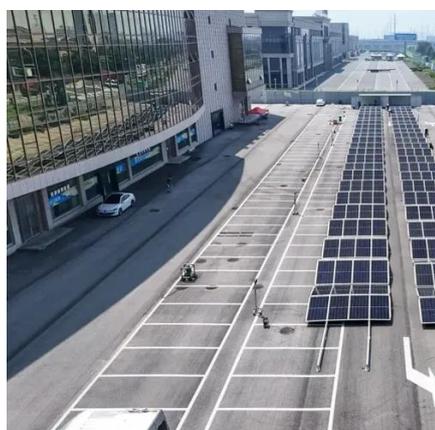
[5 Questions: Where Türkiye's Clean Energy Investment Finds ...](#)

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[Rolls-Royce agrees on Türkiye's largest battery energy storage deal](#)



A Turkish firm on Wednesday said it had signed Türkiye's largest battery energy storage system supply agreement with Rolls-Royce to increase the capacity at a wind power ...

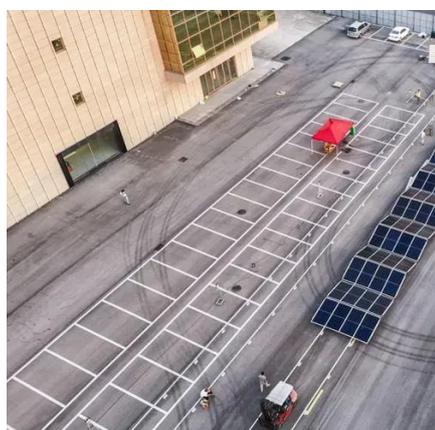


[Developing Or Investing In Wind, Solar, And Energy Storage](#)

To promote battery storage investment, Türkiye has introduced a regulatory framework whereby investors who install energy storage systems are granted the right to build ...

[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 ...



[Türkiye to invest \\$10B in energy storage to boost ...](#)

Global energy storage investments have surpassed 150 ...

[Türkiye to Invest \\$10B in Energy Storage to Boost Wind Power ...](#)



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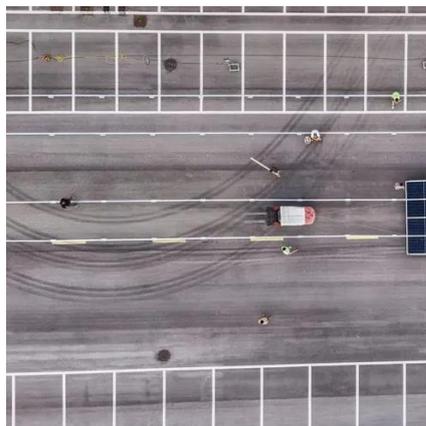
- ✓ 100KWH/215KWH
- ✓ LIQUID/AIR COOLING
- ✓ IP54/IP55
- ✓ BATTERY 6000 CYCLES

[World Bank and Türkiye Sign Agreement for \\$1 billion program to ...](#)

This innovative program will help establish and expand Türkiye's market for distributed solar energy and pilot a program for battery storage, in support of the country's National Energy Plan.

[Turkey: the rise of utility-scale energy storage ...](#)

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