

SolarInnovate Energy Solutions

The largest energy storage project in Izmir Türkiye



Overview

Is Turkey establishing a market for large-scale energy storage?

The latest announcement is a big step towards establishing a market for large-scale energy storage in the country, Energy-Storage.news heard from Korkut Öztürkmen, board member at Aksa Energy, one of Turkey's largest independent power producers (IPPs).

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.

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.

Why is Türkiye a key player in energy storage?

As global investments in energy storage systems continue to grow, Türkiye has positioned itself as a key player, with two cell production facilities and nearly 100 lithium-ion battery production factories of various scales actively operating across the country.

How many battery production facilities are there in Turkey?

New facilities capable of producing up to 5 gigawatt-hours of cells and batteries will be established in Ankara, Istanbul, Izmir, and Kocaeli, Usta said, adding that agreements signed this year alone exceeded \$1 billion in investments. With these new additions, the total number of battery production

facilities in Türkiye will reach 11.

Will Türkiye's battery and storage power plants be approved next year?

However, Usta noted that despite draft regulations, the legal framework for battery and storage power plants is still evolving. The first approvals are expected next year. Türkiye's battery imports remained steady at around \$1.1 billion, similar to last year.

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Türkiye Izmir Energy Storage System Policy Opportunities ...

Izmir, Türkiye's third-largest city, has emerged as a hub for renewable energy innovation. With its ambitious energy storage system policy, the region aims to address grid stability, integrate ...

German company installs solar thermal cooling system in ...

Feb 27, 2024 · 'By flexibly adapting to differing energy demands, using solar thermal energy and thermal storage systems can advance the decarbonisation of industry to an immense degree. ...



Projects in Turkey for wind power with storage pass ...

Jan 16, 2025 · Kontrolmatik plans Turkey's biggest wind power, battery combo Late last month, Kontrolmatik said it completed the EIA process for the Çorlu wind power project with energy ...

Developing Or Investing In Wind, Solar, And Energy Storage Projects ...

Jun 30, 2025 · 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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