

SolarInnovate Energy Solutions

Türkiye energy storage system exports



Overview

With strategic manufacturing capabilities, competitive pricing, and a logistics network bridging Asia and Europe, Türkiye now plays a pivotal role in the export of solar panels, wind turbines, battery storage systems, and EV charging stations. Are Turkish energy storage systems a good investment?

Speaking with Energy-Storage.news yesterday, Can Tokcan, managing partner at Turkish energy storage system integrator and manufacturer iNOVAT, said the developments were “very positive for the industry,” although it remains to be seen “how much of that [near 30GW] will be realised and in what time span”.

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.

What's happening in Türkiye's lithium ion battery sector?

Bank of lithium ion batteries at the University of California San Diego Center for Energy Research in La Jolla, California, U.S. (AFP Photo) Investments in Türkiye's battery sector surpassed \$1 billion this year, driven by incentives and regulations aimed at achieving an 80-gigawatt-hour storage target by 2030.

How big is Turkey's battery industry?

Türkiye's battery imports remained steady at around \$1.1 billion, similar to last year. Usta forecasted that exports would rise from \$39 million to \$48 million by the end of the year. He also highlighted the success of the association's summit, which attracted international interest and further strengthened Türkiye's standing in the battery sector.

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.

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.

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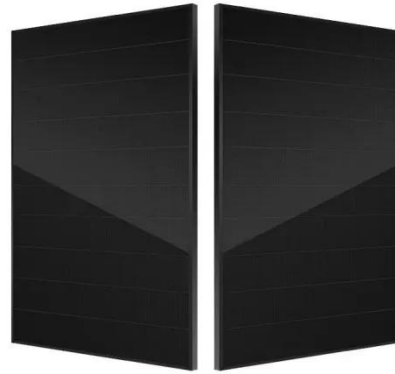


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