



# New solar system prices in Türkiye

How much does a solar project cost in Turkey?

Turkey has awarded 800 MW of solar capacity in its latest PV tender, with the final price set at \$0.0325/kWh. The authorities selected six projects ranging from 40 MW to 385 MW. Turkey's Ministry of Energy and Natural Resources said it has allocated 800 MW of PV capacity in the YEKA GES-2024 tender.

How many solar panels are produced in Türkiye?

With solar PV installations exceeding 9 GW in less than 10 years, the PV panel production market has also expanded. There are more than 30 solar module manufacturers in Türkiye which have a total module production capacity of over 12 GW per year.

How much solar energy does Türkiye have?

Türkiye's solar energy capacity doubled from 9.7 GW in July 2022 to exceed 19 GW by the end of 2024. By August 2024, the country had already exceeded the 18 GW target set for 2025 in the National Energy Plan (NEP) by the Ministry of Energy and Natural Resources (MENR).

Does Türkiye have a solar power plant?

The facilitation of self-consumption-focused power plant installations in Türkiye has accelerated annual new installations, pushing solar energy capacity beyond the current 2025 target. Türkiye's solar energy capacity doubled from 9.7 GW in July 2022 to exceed 19 GW by the end of 2024.

Türkiye has doubled its solar capacity in just 2.5 years, surpassing its current target more than a year ahead of schedule. The progress underlines the opportunity for an upgraded target in its ...

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Solar energy systems have increasingly replaced conventional energy systems, driving global efforts to combat climate change and promote sustainability. This study conducts a ...

Earlier investment rule change set stage for import oversight The new surveillance measure follows an earlier regulatory shift introduced in September 2024, when the government ...

Bayraktar said the government is exploring diverse business models, including systems designed for industrial self-consumption and battery-backed solar power to support Türkiye's energy ...

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The allocation of new capacity for land and rooftop solar systems, along with the adoption of hybrid power plants, electric vehicle charging infrastructure, and storage technologies, has ...



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Chart 29: Photovoltaic (Solar PV) System Price Evolution (EUR/Wp) 2004 - 2024 90 Chart 30: Market Shares by Sales of the Distribution System Operators (DSOs) in Türkiye in 2024 114

On July 17, 2025, the Ministry of Trade of Türkiye (Turkey) announced an increase in the reference import price for PV cells from USD 85/kg to USD 170/kg, signaling a 100% adjustment. The ...

Complete guide to Turkey's leading solar companies in 2025. Detailed analysis of Kalyon Enerji, Smart Solar Technology, Grace Solar, and other market leaders. Includes manufacturing capabilities, ...

Türkiye's solar market added 4.7 GW in 2025, nearing 25 GW total, driven by unlicensed C& I projects. Analysis covers 2025 results, policy changes, and the 2026 outlook including floating ...

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