



# Türkiye's solar power generation ranking

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, ...

Today, Türkiye ranks first in Europe and fourth globally in terms of solar panel production capacity, and fifth in Europe in wind turbine component manufacturing.

OverviewBackgroundPolicies and lawsEconomicsHeating and hot waterPhotovoltaicsAlternatives to photovoltaicsFurther readingSolar power suits Turkey's climate, especially in the South Eastern Anatolia and Mediterranean regions. Solar power is a growing part of renewable energy in the country, with almost 25 gigawatts (GW) of solar panels in 2025, of which 22 GW is commercial and industry rather than traditional power companies or residential rooftop solar as in many other countries. It generates 6% of the country's electricity

Türkiye has climbed to the 11th spot in global renewable energy capacity ranking, Energy Minister Alparslan Bayraktar has said, citing data from the International Renewable Energy ...

Our study reveals that the top 10 players hold 41 percent of the market, while the top 100 players hold 77 percent. Türkiye's state-owned energy production company EÜAŞ remains the market leader, ...

Within the renewable power segment, solar PV constituted 51.3% of total renewable power capacity followed by onshore wind, accounting for 32.9% in 2024. The country is looking to add ...

Türkiye ranks 11th worldwide and fifth among European countries in total installed renewable energy capacity, according to the International Renewable Energy Agency (IRENA).

According to the recently published Türkiye Electricity Review by energy think tank Ember, Türkiye has been enjoying a solar boom as of late, with a total of 8.9 GW of solar installed...

Solar energy just beat natural gas to become the 2nd largest power generation source in Türkiye after hydropower, according to the Ministry of Energy and Natural Resources. At the end of ...

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Türkiye's newly announced 2035 installed capacity targets, unveiled during COP29, aim to quadruple the country's current wind and solar capacity. If achieved, by 2035 the share of fossil ...



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