

This study examines the recent development of solar and wind energy capacities in Türkiye in the context of current renewable energy targets and strategies.

Türkiye and Saudi Arabia signed an energy agreement that covers an investment of about \$2 billion (TL 87.01 billion) to build two solar farms, a senior official announced on Tuesday.

The project will develop a 100-megawatt solar power plant in Hatay Province, Türkiye, awarded in June 2022 under the government's Renewable Energy Resource Zone (YEKA) program, which promotes ...

Developments in Türkiye's solar energy sector are supported by the expansion of domestic production capacity. Incentives for local production and new factory investments have driven progress in areas ranging from panel ...

Solar power plants, which make up the second largest capacity within renewable energy sources after hydroelectric plants, now account for 17.5% of the total installed capacity, data compiled by Anadolu ...

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. Solar thermal

Türkiye and Saudi Arabia have signed a \$2 billion intergovernmental agreement to construct solar power plants with a total capacity of 2,000 megawatts in Türkiye, Turkish Energy and Natural Resources ...

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- Saudi companies to construct solar, wind power plants with capacity of 5,000 MW in Türkiye, with 2,000 MW solar power plant projects as 1st phase of investment, Türkiye's energy minister ...

Saudi Arabia will invest \$2 billion to build 2,000 MW capacity solar power plants in the Sivas and Karaman provinces of Türkiye.



Solar power plants in Türkiye

Türkiye's cumulative solar capacity is approaching 25 GW after another strong year for new deployments, led by installations for self-consumption in the commercial and industrial market.

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