

## SolarTech Power Solutions

# Armenia Megawatt Solar



## Overview

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According to the , Armenia has an average of about 1720 (kWh) solar energy flow per square meter of horizontal surface annually and has a potential of 1000 MW power production. In the capital , the average solar energy flux is equal to 1642 kWh/m . Armenia's area cannot be considered as homogeneous from the perspective of available solar energy: the difference between the amoun.

Armenia has made remarkable progress in scaling up its renewable energy resources, with installed solar capacity surpassing 1,100 MW between January and May 2025.

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Armenia's installed solar capacity has reached 1 GW, and the government is likely to replace its subsidy program for standalone solar projects with one focused on hybrid and storage systems, according to the nation's infrastructure ministry. Image: Benoît Prieur, Wikimedia Commons Armenia has.

Solar energy is widely available in Armenia due to its geographical position and is considered a developing industry. In 2022 less than 2% of Armenia's electricity was generated by solar power. [1] The use of solar energy in Armenia is gradually increasing. [2] In 2019, the European Union.

Armenia has dramatically accelerated its transition to renewable energy, achieving its strategic target of 1,000 MW of solar power capacity four years ahead of its original 2030 schedule. This remarkable milestone, confirmed in late 2025, builds upon earlier successes and cements the nation's role.

If in 2021 the share of solar energy in the total volume of electricity production in Armenia was 1.2%, then in 2024 it will be ten times more – 11.9%. This remarkable growth highlights the country's commitment to transitioning toward renewable energy sources and reducing dependence on fossil.

Armenia and the UAE have agreed to begin the construction of the industrial-scale photovoltaic solar power plant "Ayg-1" in Armenia in early 2026.

YEREVAN, April 9. /ARKA/. Armenia and the UAE have agreed to begin the construction of the industrial-scale photovoltaic solar power plant "Ayg-1" in.

Armenia's largest solar power facility is under construction in the Gegharkunik region. Shtigen Group undertook the building of the Masrik-1 solar plant, which has a capacity of 62 MW and covers 130 hectares. The construction phase began in November 2023. The work did not halt in winter, harsh.

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## Contact Us

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