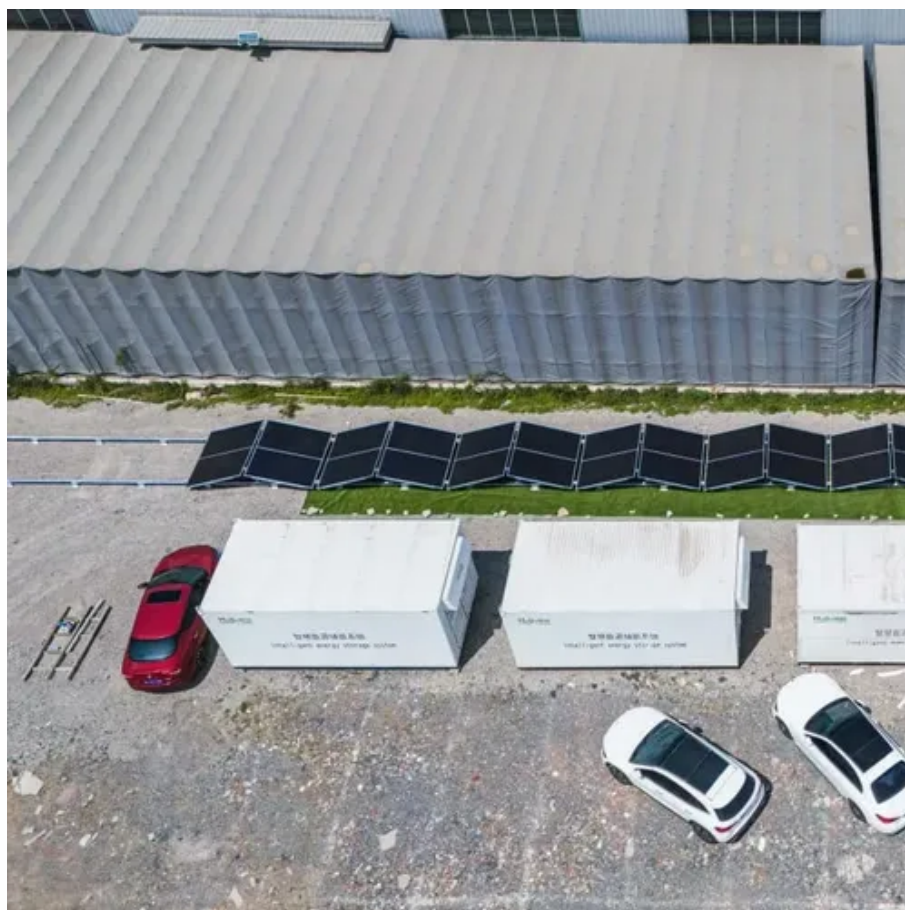




Solar panels power generation in Armenia





Overview

The total indicates around 615 MW of solar were added in 2025, when considering the International Renewable Energy Agency (IRENA) reported Armenia's cumulative solar capacity at 485 MW at the end of 2024. 1 GW, the country's Minister for Territorial Administration and Infrastructure, Davit Khudatyan, has said. In 2022 less than 2% of Armenia's electricity was generated by solar power. While this development signals a major commitment to. 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.



Solar panels power generation in Armenia



[Gyumri Photovoltaic Solar Power Generation System: Powering Armenia...](#)

Armenia's renewable energy sector is growing at 9% CAGR, with solar accounting for 62% of new installations. The government aims to reach 30% renewable energy mix by 2030 - a target requiring ...

Armenian solar PV market dynamics

According to the public reports of PSRC, as of July 2025 there are 84 commercial solar PV plants with total 369 MW installed capacity operating in Armenia, of which 62 plants (260.4 MW) ...



[Solar Takes Off: Can It Fuel Armenia's Energy Independence?](#)

Solar's share in Armenia's total electricity output in 2024 stood at 10.4%, well above the global share of 6.9%. Total solar production of 975 gigawatt hours (GWh) is divided nearly equally ...

Solar power in Armenia

Consumers are allowed to install solar panels with total power of up to 150 kW, and may sell any surplus to electricity distribution company Electric Networks of Armenia (ENA).



[Solar energy production in Armenia has reached a new level: power](#)

Solar energy production in Armenia has reached a new level. Armenia continues to actively expand its solar energy sector, aiming to increase the share of renewable energy production ...



[SMM PV News] Armenia Hits 1.1 GW Solar Capacity,

Armenia's cumulative solar capacity has surged to 1.1 GW following the addition of approximately 615 MW in 2025. This rapid expansion has pushed solar's share of electricity ...



[Armenian solar panel subsidy: \\$50M is impressive, essential](#)

Boost the Local Economy: The program would likely create jobs in the solar installation, maintenance, and manufacturing sectors, stimulating local economic growth. Enhance Energy ...



Armenia adds around 615 MW of



solar in 2025

Harutyunyan added that the capacity of solar and wind power plants in Armenia is planned to increase to 2 GW by 2040 to align with the country's long-term energy strategy.

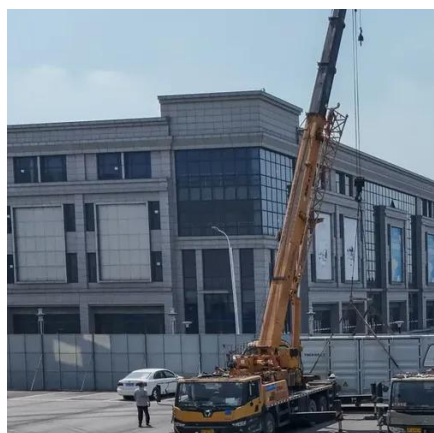


[Armenia sees rapid growth in solar power sector - Armenian Life](#)

In recent years, the field of solar energy in Armenia has developed rapidly, solar power plants with a total installed capacity of 1,045 megawatts are already connected to Armenia's power ...

[Armenia's green energy transition: Solar power capacity set to reach ...](#)

Armenia's geography provides an ideal setting for solar power generation, with over 2,500 hours of sunshine annually. Recognizing this potential, the government introduced policies and ...



Solar power in Armenia

OverviewPhotovoltaicsPotentialThermal solarSee alsoExternal links

As of April 2019 ten 1 MW strong solar stations are installed. Solar and wind stations account for less than 1% of total installed electricity generation capacities. In April 2019 it was announced that German company Das Enteria Solarkraftwerk will build a 2 MW strong solar station near Shorzha at lake Sevan by end of 2020.



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