



# Armenia solar panels solar power generation





## Overview

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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 generation to around 15%, effectively meeting the country's 2030 target years ahead of schedule. The total indicates around 615 MW of solar were added in 2025, when considering the International Renewable Energy Agency (IRENA) reported. Solar energy is widely available in Armenia due to its geographical position and is considered a developing industry. [1] The use of solar energy in Armenia is gradually increasing. The growth is heavily driven. Recent reports indicate a significant move by the Armenian government to bolster its renewable energy sector: a proposed \$50 million subsidy program aimed at encouraging the installation of rooftop solar panels for households and businesses. Armenia continues to actively expand its solar energy sector. 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 system, exceeding the target set by the national strategy, this progress has been facilitated by state policies.



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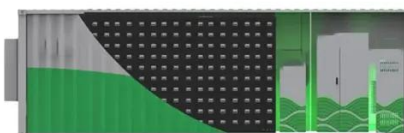


[Armenian solar panel subsidy: \\$50M is impressive, essential](#)

A Hopeful Sign for Armenia's Energy Future with the Armenian solar panel subsidy Regardless of the final details, the very discussion of a multi-million dollar subsidy for rooftop solar is ...

### 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).



[Armenia adds around 615 MW of solar in 2025](#)

Armenia adds around 615 MW of solar in 2025 Armenia enjoyed a record year for solar deployment last year, surpassing 1 GW of cumulative solar capacity.

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

Meta Description: Explore how the Gyumri Photovoltaic Solar Power Generation System in Armenia leverages cutting-edge solar technology to meet energy demands. Discover project insights, industry ...



### [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 ...

### Solar power in Armenia

Overview Photovoltaics Potential Thermal solar See also External 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.



### 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?](#)

According to data by the Public Services Regulatory Commission (PSRC), the country's utilities regulatory body, Armenia has 75 operating utility-scale solar farms with a total installed ...



## [\[SMM PV News\] 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 ...

## **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 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 ...



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