

PEES Power Systems

Armenia solar industry



Overview

Armenia enjoyed a record year for solar deployment last year, surpassing 1 GW of cumulative solar capacity. 1 GW, the country's. 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 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. This significant milestone, confirmed by the Ministry of Territorial Administration and Infrastructure, was achieved a remarkable four years ahead of the government's 2028. Armenia added approximately 615 MW of solar capacity in 2025, achieving a record year for solar deployment and bringing its cumulative total to 1.

Armenia solar industry



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. The market is currently led by autonomous solar producers, of which there ...

Armenia's green energy transition: Solar power capacity set to reach ...

Armenia's ambitious solar energy targets reflect a broader vision of energy independence and environmental stewardship. As solar technology becomes more affordable and efficient, the ...



Solar Takes Off: Can It Fuel Armenia's Energy Independence?

Energy specialist Vahe Davtyan argues that Armenia's rapid expansion of solar power is creating energy system risks due to lack of proper integration, storage strategy, and coordination ...

Solar power in Armenia

Overview Potential Photovoltaics Thermal solar See also External links

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. The use of solar energy in Armenia is gradually increasing. In 2019, the European Union announced plans to assist Armenia towards developing its solar power capac...



12.8V 100Ah



[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 Solar Power Hits 1.1 GW, Meets 2030 Target Years Early

Armenia's solar sector saw record growth in 2025, adding 615 MW to reach 1.1 GW total and meet a key 2030 national energy target five years ahead of schedule.





Energy system transformation - Armenia energy profile

Solar thermal energy is therefore developing rapidly in Armenia. Because solar water heating systems not only ensure energy savings but have become cost-effective, they have been installed in ...

Recap Armenia 2025: Impressive solar energy target achieved 4 years

This rapid scaling required a deep understanding of the basics of solar panel manufacturing and the deployment of advanced solar panel manufacturing machines to meet ...



Armenia adds around 615 MW of solar in 2025 - pv magazine

...

The number of household solar power plants grew by 60% in 2025, according to an Armenian press briefing, while their capacity grew by 52% year-on-year. Armenia previously ...

Armenia solar energy: Impressive 4-Year Target

Achieved

Across the country, 37 experimental solar power plants are currently in operation. These facilities are crucial components of the government's strategy to test, refine, and expand solar energy ...



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