Solar Project in Armenia

Overview

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. 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. Spain's FRV has commissioned a 62 MW solar plant in Armenia under a long-term power purchase agreement (PPA) with Electrical Networks of Armenia CJSC. The project is the country's biggest operational PV facility to date. Renewables developer FRV has completed a 62 MW solar plant in Masrik. 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. The construction of “Masrik-1” lasted 11 months, continuing uninterrupted even in winter, as the Shtigen team was fully prepared to tackle any weather challenges. Armenia, with its abundant sunshine, is riding on this global wave. This remarkable milestone, confirmed in late 2025, builds upon earlier successes and cements the nation's role. Armenia added approximately 615 MW of solar capacity in 2025, achieving a record year for solar deployment and bringing its cumulative total to 1. 1 GW, according to pv magazine.

Solar Project in Armenia

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 ...

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Armenia sees rapid growth in solar power sector - Armenian Life

In particular, at this stage, the significant increase in solar power plants has created certain challenges for managing Armenia's energy system, however, as Abrahamyan emphasized, ...

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Armenia exceeds solar capacity target by 2025

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.

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Renewable Energy in Armenia

By 2030, solar energy alone is expected to make up 15% of total production, reducing reliance on fossil fuels and strengthening energy security. One of the most significant milestones in ...

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Armenia's largest solar plant comes online

Renewables developer FRV has completed a 62 MW solar plant in Masrik, Gegharkunik province, Armenia. Madrid-based FRV, which is part of Saudi Arabia's Jameel Energy, built the ...

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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.

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Construction of largest solar power plant in Armenia jointly with

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.

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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 ...

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Armenia's Largest Solar Power Plant: "Masrik-1" Strengthens the ...

In Gegharkunik Province, Shtigen has constructed Armenia's largest solar power plant as of 2024. The construction of "Masrik-1" lasted 11 months, continuing uninterrupted even in winter, as ...

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[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 ...

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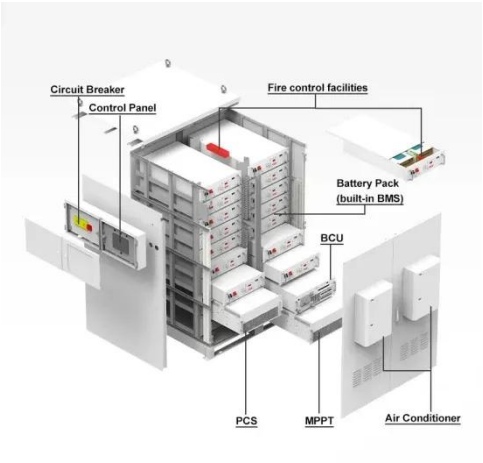

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