

Title: Yerevan solar module exports surge

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How much solar energy does Armenia produce a year?

According to the Ministry of Energy Infrastructures and Natural Resources of Armenia, Armenia has an average of about 1720 kilowatt hour(kWh) solar energy flow per square meter of horizontal surface annually and has a potential of 1000 MW power production.

Why do Armenians use solar energy?

The reason for this is that average solar radiation in Armenia is almost 1700 kWh/m<sup>2</sup> annually. One of the well-known utilization examples is the American University of Armenia (AUA) which uses it not only for electricity generation, but also for water heating. The Government of Armenia is promoting utilization of solar energy.

Does Armenia need a solar power plant?

In 2019, the European Union announced plans to assist Armenia towards developing its solar power capacity. The initiative has supported the construction of a power plant with 4,000 solar panels located in Gladzor. Solar power potential in Armenia is 8 GW according to the Eurasian Development Bank.

In this assessment, we delve into the key infrastructural elements for anyone considering a solar module production plant in Armenia. We explore transportation ...

Armenia's area cannot be considered as homogeneous from the perspective of available solar energy: the difference between the amount of solar energy reaching the ground in different ...

Yerevan's climate is relatively mild as it lies within the Northern Temperate Zone; thus, extreme weather events that could impede solar production are less frequent compared to other ...

Each presentation focuses on global and U.S. supply and demand, module and system price, investment trends and business models, and updates on U.S. government ...

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