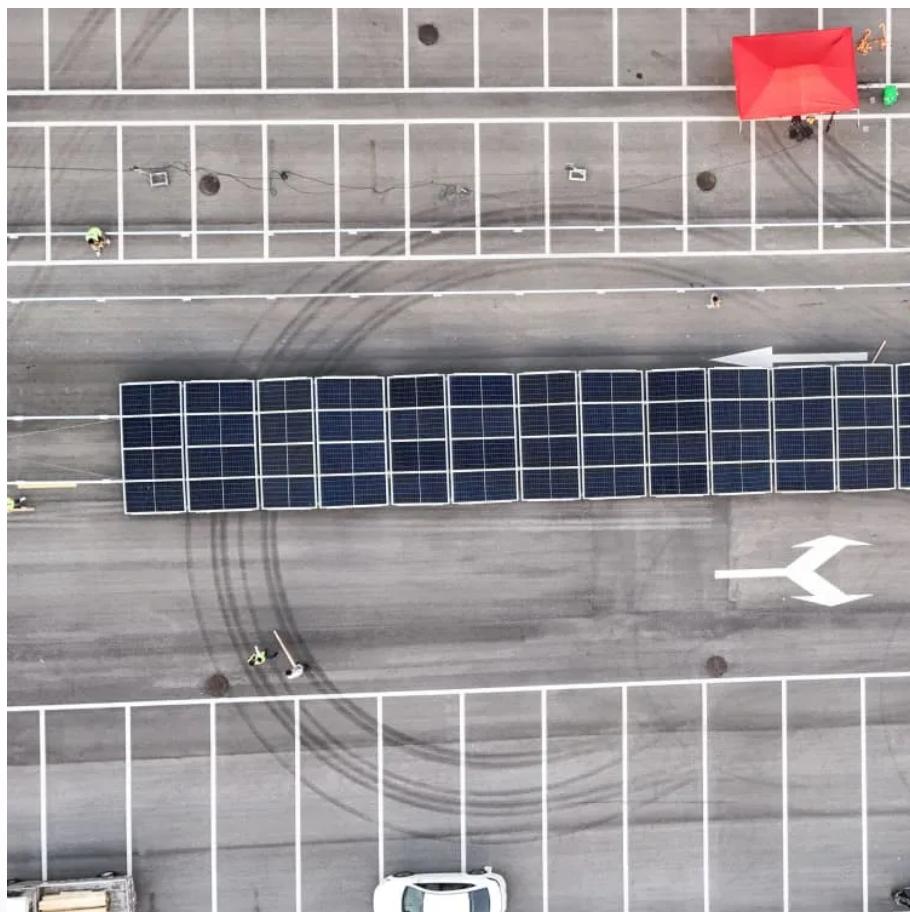




FTMRS SOLAR

Armenia's own power station generator





Overview

Vorotan Cascade power generation complex, commissioned during 1970-1989 and operated by the private company ContourGlobal Hydro Cascade CJSC, has an operating capacity of 404 MW (installed capacity is also 404 MW). How does Armenia generate electricity?

Most of the rest of Armenia's electricity is generated by the natural gas-fired thermal power plants in Yerevan (completed in 2010) and Hrazdan. Upon gaining independence, Armenia signed the European Energy Charter in December 1991, the charter is now known as the Energy Charter Treaty which promotes integration of global energy markets.

How many power stations does Armenia have?

Armenia has a total of 11 power stations and 17 220 kV substations. A map of Armenia's National Electricity Transmission Grid can be found at the website of the Global Energy Network Institute [here](#).

What percentage of Armenia's Energy is renewable?

Renewable energy resources, including hydro, represented 7.1% of Armenia's energy mix in 2020. Almost one-third of the country's electricity generation (30% in 2021) came from renewable sources. Forming the foundation of Armenia's renewable energy system as of 6 January 2022 were 189 small, private HPPs (under 30 MW), mostly constructed since 2007.

Can Armenia get solar power?

Simultaneously, Armenia can look to solar advancements seen in places like Lebanon and Nevada, where solar power makes up 31% and 29% of their energy mix, respectively.



Armenia's own power station generator

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