

Does Armenia have solar energy?

Armenia has significant solar energy potential: average annual solar energy flow per square metre of horizontal surface is 1 720 kWh (the European average is 1 000 kWh), and one-quarter of the country's territory is endowed with solar energy resources of 1 850 kWh/m² per year. Solar thermal energy is therefore developing rapidly in Armenia.

Who is supernova energy?

The SuperNova Energy Team has Design, Implementation, Certification, Performance Monitoring, Maintenance, and Financing for Renewable Energy Systems. Our strength lies in the fact that we have been providing cutting-edge solutions for over 25 years in the energy industry.

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.

Does Armenia still operate a VVER 440 nuclear plant?

Armenia operates one Soviet-designed VVER-440 nuclear unit at Metsamor, which supplies over 40% of the country's energy needs. The EU and Turkey have expressed concern about the continuing operation of the plant.

Why is Armenia a partner country of the EU INOGATE energy programme?

Armenia is also a partner country of the EU INOGATE energy programme, which has four key topics: enhancing energy security, convergence of member state energy markets on the basis of EU internal energy market principles, supporting sustainable energy development, and attracting investment for energy projects of common and regional interest.

How much energy does Armenia produce in 2021?

In 2021, Armenia produced 7.7 TWh of electricity, of which natural gas covered 44% (3.4 TWh), hydro and other renewables 30% (2.3 TWh) and nuclear 26% (2.0 TWh). In the Caucasus region, Armenia is the only country producing nuclear energy. Armenia's energy demand averages more than 3 Mtoe (3.59 Mtoe in 2020).



OverviewHistory and geopoliticsRankingsPrimary energy supplyNatural reservesOilNatural gasSee also



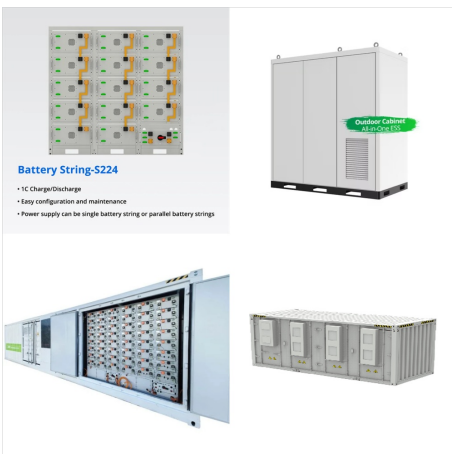
Presently, Armenia is actively seeking ways to diminish its reliance on energy imports. Significant progress has been made in enhancing energy efficiency and deploying renewable energy sources. In 2022, Armenia published the program ???



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Improvements in low-carbon technologies, driven in part by foreign energy policy, have created new opportunities for Armenia, a country without fossil fuel reserves, aligning environmental concerns and the pursuit of ???