

Where does Armenia get its energy from?

Lacking indigenous resources, Armenia imports natural gas and oil for most of its energy needs (78.6% of total energy supply in 2020), mainly from the Russian Federation (hereafter, "Russia").

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.

How much energy does Armenia need?

It has been an observer to the Energy Community since 2011 and a member of the Eastern Partnership since 2009. Although Armenia's energy demand averages more than 3 Mtoe (3.59 Mtoe in 2020) and the country does not produce any fossil fuels, it manages to cover 27% of energy demand with domestic energy production.

Why does Armenia need a single energy supplier?

Armenia relies on imports of natural gas and oil for most of its energy needs, which exposes it to supply risks and dependence on a single supplier. As the government considers energy security and the development of indigenous sources to be of prime importance for the energy sector, renewables and efficiency measures are key areas.

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).

What is the energy mix in Armenia?

solar 0.68 plants (5.7%). Although Armenia's energy mix is dominated by gas, the electricity mix is well diversified in comparison to the EU. Final energy consumption by sector: Residential The households are the main and largest final consumers of energy (34.7%), including

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Overview History and geopolitics Rankings Primary energy supply Natural reserves Oil Natural gas See also Energy in Armenia is mostly from natural gas. Armenia has no proven reserves of oil or natural gas and currently imports most of its gas from Russia. The Iran-Armenia Natural Gas Pipeline has the capacity to



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equal imports from Russia. Despite a lack of fossil fuel, there are significant domestic resources to generate electricity in Armenia. The Armenian electrical energy sector has had a surplus...

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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...

Energy Resource Interconnection Service (ERIS) Why seek an ERIS if NRIS gives most certainty about transmission capacity reservation? If the interconnection customer does not want to pay for network upgrades, i.e., a...

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