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# Armenian household energy storage power supply





## Overview

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How reliable is the energy system in Armenia?

Energy system reliability in Armenia is now considered adequate, as investments in electricity and gas infrastructure, increased residential access to gas and operational improvements since the mid-1990s have led to significant declines in outages and losses.

How has energy security changed in Armenia?

Armenia's energy security has greatly improved since the gas and power supply crisis in the early to mid-1990s. During the crisis, energy sector management was dysfunctional, losses were extremely high, and the collection rate was below 50%. This resulted in acute supply shortages, with households receiving only a few hours of power per day.

Is hydropower a stable component of Armenia's electricity system?

Hydropower (including small hydro) from the Hrazdan and Vorotan rivers and from other dams is a stable component of Armenia's electricity system and provides daily load regulation with installed capacity of 1 345.6 MW. Construction of the Megri HPP (110 MW) has been postponed with no exact commissioning date.

How does electricity trade work in Armenia?

Electricity trading is currently limited, however, as Georgia and Armenia have asynchronous systems and Armenia's market is mostly closed. Electricity trade with Iran is based on a barter agreement, whereby much of the gas imported from Iran is used in power generation at the Yerevan power plant, which in turn exports the power to Iran.



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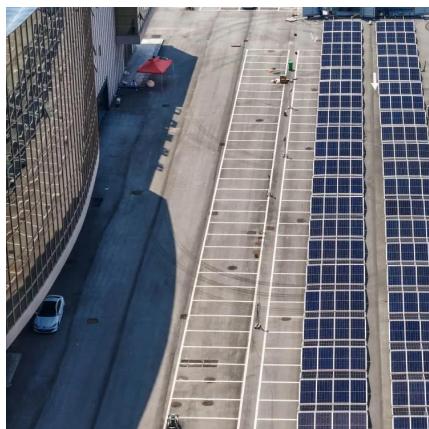
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