

# Armenia bago energy





## Overview

---

Energy in Armenia is mostly from . has no proven reserves of oil or and currently imports most of its gas from . The has the capacity to equal imports from Russia. Despite a lack of fossil fuel, there are significant domestic resources to generate . The Armenian electrical energy sector has had a surplus.



## Armenia bago energy



### Energy in Armenia

OverviewHistory and geopoliticsRankingsPrimary energy supplyNatural reservesOilNatural gasSee 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 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 surplu...

### Energy system transformation - Armenia energy profile - ...

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/m<sup>2</sup> per year.



### Armenia's energy sector: current developments and challenges

Armenia relies heavily on natural gas to fuel its economy, constituting 61% of its total primary energy supply, followed by nuclear energy (18%) and oil products (14%). Energy consumption is primarily concentrated in the household (34%) and transport (30%) sectors.



## Overview - Armenia energy profile - Analysis

Armenia's energy demand averages more than 3 Mtoe (3.59 Mtoe in 2020). Energy consumption (final consumption excluding transformation) more than doubled between 2000 and 2020 (+136%), and heavily outpaced global demand in the same period (+36%). Total final consumption (TFC) in 2020 was 2.61 Mtoe.

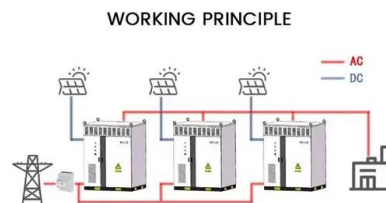


## ENERGY PROFILE Armenia

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

## Energy security - Armenia energy profile - Analysis

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.

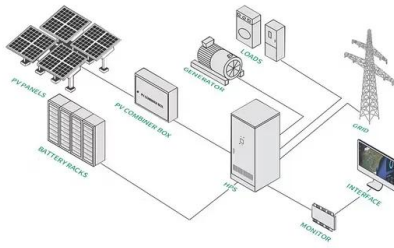


## 02 , JUN 2024 Energy sector monitor Armenia 2024

» The Armenian energy system is heavily dependent on fossil fuels, in particular natural gas » The country has no domestic oil and gas production and had to import 81% of its primary energy supply in 2023 - Armenia imports 100% of its natural gas, nuclear fuel and oil products, primarily from Russia and to lesser extent also

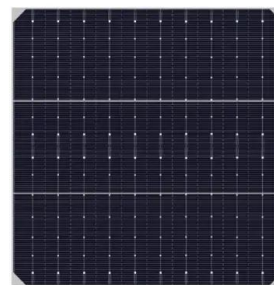


from Iran



### Energy in Armenia

Energy in Armenia is mostly from natural gas. [1] 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 equal imports from Russia.



### ARMENIA ENERGY FACTSHEET 2022

Armenia produced 0.79 mln toe electricity in 2022, of which by nuclear power plant (31.0%), natural gas fired thermal power plants (42.2%), hydro power plants (21%) and wind solar

### Armenia: Energy Country Profile

Armenia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.





## **ENERGY BALANCE OF THE REPUBLIC OF ARMENIA FOR 2022**

Energy balance is a valuable instrument for the assessment, documentation and monitoring of the energy efficiency and renewable energy indicators in the country for the given year. Energy balance is one of the main sources for the collection of the initial data on GHG emissions in the



### **Contact Us**

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.fundacja64.pl>