

Armenia power distribution box and power plant



Overview

Armenia lacks fossil energy source, and heavily relies on the production of electricity from a nuclear power plant and hydro power plants, and uses imported fossil fuels to operate thermal power plants. Overview The electricity sector of includes several companies engaged in electricity generation and distribution. Generation is carried out by multiple companies both state-owned and private. In 2020 less than a quarter of. According to in 2015 electricity generation in Armenia increased since 2009 to nearly 8000 GWh, but still remains below 1990 levels. Also, in 2015 Armenia consumed more than twice as much na. Nuclear power provides 38% of the electricity in Armenia through one operating nuclear reactor, Unit 2 of, which is a reactor with extra seismic reinforcement. It was created in 1.



Article Content

Oct 31, 2025

Country Nuclear Power Profiles

Country Nuclear Profile Summary This report provides information on the status and development of the nuclear power programme in Armenia, including factors related to the effective planning, decision

Sep 17, 2025

Armenia 2020

ARMENIA (Updated 2020) PREAMBLE This report provides information on the status and development of nuclear power programmes in Armenia, including factors related to the effective planning, decision

Jul 08, 2025

New Power Plant Inaugurated In Armenia

The plant was inaugurated in the presence of Prime Minister Nikol Pashinyan and Renco's chief executive, Giovanni Rubini. An Armenian

Sep 25, 2025

Armenia 2022 - Analysis

Domestic energy production comes mainly from Armenia's one Soviet-era nuclear power plant (Armenian Nuclear Power Plant) and from

Sep 24, 2025

Electric Networks of Armenia CJSC Distribution Network Rehabilitation ...

Armenia's energy sector has undergone a series of reforms that have significantly improved its performance. The reforms involved the unbundling of a vertically integrated electricity

Oct 15, 2025

Armenian Energy Agency

Armenian Energy Agency Aram Khachaturian Museum hosted the official launch ceremony of its photovoltaic power station 17 Jan 2024 On the roof of the

Dec 18, 2025

National Energy Grid of Armenia

The national electricity transmission system of Armenia is operated by the state-owned firm ArmEnergo, and consists of 164 kilometers of 330 kilovolt (kV) lines, 1,320 kilometers of 220 kV lines, and 3,146

Sep 11, 2025

Armenia: installed power generation capacity| Statista

Armenia's total installed electricity generation capacity exceeded *** gigawatts (GW) in 2024.

Apr 05, 2026

World Bank Document

There was material deviation between the actual and forecast cost of electricity due to lower-than-forecast generation from hydropower plants (HPPs) from poor hydrology conditions in 2012-2014,

May 20, 2026

Electricity Production At Armenian Nuclear Power Plant

The Armenian nuclear power plant produced 2.7 billion kWh net of electricity in 2025, an increase of 2.7% over 2024, operator Armenia Nuclear

May 12, 2026

A Stronger Power Grid for Armenia's Energy Security

With World Bank support, Armenia has modernized nearly 75% of its substations, strengthening the reliability and safety of the electrical grid. While there is still a

Jan 15, 2026

8 Power Plants in Armenia (3.0 GW)

Explore 8 power plants in Armenia with 3.0 GW installed capacity. Filter by fuel type, view rankings & statistics.

Jun 14, 2026

Energy Independence Debates in Armenia in the Context of the 2040 ...

Despite this green transition, nuclear energy continues to occupy a crucial place in Armenia's energy security strategy. The Metsamor Nuclear Power Plant, a Soviet-era facility, has been frequently

May 18, 2026

List of power stations in Armenia

List of power stations in Armenia Map all coordinates using OpenStreetMap show links
Download coordinates as:

Aug 31, 2025

Is Armenia's Nuclear Plant the World's Most Dangerous?

The Metsamor nuclear power plant is only 20 miles (36 kilometers) from Armenia's capital and most populous city. Its location in a seismic zone has

Oct 26, 2025

Energy Independence Debates in Armenia in the Context of the 2040 ...

Armenia's geographical location positions it as a strategic actor in regional energy cooperation. The country lies at the crossroads of energy corridors linking Russia, Iran, and Georgia, enabling the flow

Dec 12, 2025

Smart Energy Solutions and Innovations

The Role Of Smart Power Distribution In Reducing Plant Outages Discover how smart switchgear helps manufacturers cut outages, speed fault

May 12, 2026

Armenia's Transition to Clean Energy and Power Transmission Grid ...

The World Bank's Board of Executive Directors approved \$40 million in support of the Enabling the Energy Transition project for Armenia, which will assist the implementation of the

Dec 19, 2025

Power Plants in Armenia - Energy Infrastructure Database

Explore 8 power plants in Armenia with total installed capacity of 3.0 GW. View statistics by fuel type and detailed plant information.

May 21, 2026

Overview - Armenia energy profile - Analysis

Armenia energy profile - Analysis and key findings. A report by the International Energy Agency.

Aug 18, 2025

Tashir confirms purchase of Armenia's power

The Russia-based Tashir group of companies, owned by ethnic Armenian businessman Samvel Karapetyan, has confirmed today the acquisition

Apr 03, 2026

Safe operation of the Armenian Nuclear Power Plant is a

The modernization and life extension project for the Armenian Nuclear Power Plant is not simply a technical task, but the result of a fruitful and trusting partnership

Oct 02, 2025

Energy in Armenia

Thus, in 2006, Armenia's power plants on average generated 678.2 MW of power, while the country's electricity consumption rate on average was 635.5 MW.

Feb 05, 2026

Armenian Nuclear Power Plant

Uninterrupted safe power generation aimed at stable development of economics and energy independence of the country in conditions of the contemporary changing

Nov 02, 2025

Power Plants in Armenia (Map) | [database.earth](#)

Data and information about power plants in Armenia plotted on an interactive map.

Aug 30, 2025

Armenia's energy sector: current developments and

However, integrating more variable renewable energy presents challenges. A flexible power system with storage technologies and increased connectivity with

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