

Where does energy come from in Azerbaijan?

Two-thirds of energy in Azerbaijan comes from fossil gas and almost a third from oil. Azerbaijan is a major producer of oil and gas, much of which is exported. Most electricity is generated by gas-fired power plants.

How much energy does Azerbaijan produce?

Overall, Azerbaijan produces around four times the energy it consumes and has one of the highest levels of energy self-sufficiency in the world. In recent years, almost 90% of oil and over 40% of natural gas have been exported. Azerbaijan's domestic total energy supply (TES) relies on natural gas (68% in 2020) and oil (31% in 2020).

What is Azerbaijan's energy supply?

Azerbaijan's domestic total energy supply (TES) relies on natural gas (68% in 2020) and oil (31% in 2020). Natural gas is used to generate most of the electricity and heat in the country (over 90% in 2020). Fuel oil was phased out in the early 2000s, but had to be briefly reintroduced following the gas supply squeeze in 2015-2017.

What is Azerbaijan's energy regulatory agency?

In 2017, the President of Azerbaijan signed a decree establishing the Energy Regulatory Agency under the Ministry of Energy to regulate relationships among producers, suppliers and transmission system operators and distributors, as well as customers in the field of electricity, heat and gas supply.

Which energy sources are used in the transport sector in Azerbaijan?

Most oil products used in the transport sector are produced in Azerbaijan. TFC consists mainly of natural gas (43%) and oil products (39%), followed by electricity (15%). Renewable energy sources, including hydro, contributed 1.5% to total energy supply in 2022 and 6% (1.8 TWh) to electricity supply.

How much electricity is produced in Azerbaijan in 2022?

Electricity generation in Azerbaijan has increased by more than 50% since 2010, amounting to 29.0 TWh in 2022. It is mostly generated by natural gas (more than 90% in 2022). Azerbaijan's sole refinery produced around 6.5 Mt of oil products from domestic crude oil and natural gas liquids in 2022.

At the end of 2023, after prolonged discussions, Azerbaijan was selected as the host country of the 2024 United Nations climate summit, COP29. Like the two preceding hosts of COP28 and COP27, the United Arab Emirates, ...

Azerbaijan's Action Agenda for COP29 includes a pledge to increase global energy storage capacity sixfold to 1.5 TW by 2030 and introduces the Declaration on Reducing Methane from Organic Waste. Crucially, however, ...

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Azerbaijan's energy transition in light of COP 29. Azerbaijan is hosting COP 29 in November. With oil and gas being the foundations of its economy and foreign trade, what is its own position on renewables and the energy transition; what ...

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