Gas transmission system of Uzbekistan

OAO «O’ZLITINEFTGAZ»

R. Born
President
TC 1 "Uzneftegazprodukt"
Gas transmission system of Uzbekistan
Gas transmission system of Uzbekistan

Covers all regions of the Republic and has connections to gas transmission systems of neighboring countries

Total length is more than 13 thousand km

Length of gas distribution networks - more than 124 thousand km

Compressor stations – 25
Gas pumping units - 252

Underground gas storage stations - 3
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Main objectives

- A unified technical policy in the gas mains system and gas distribution networks, their modernization and technical upgrading
- Ensuring the rational use of natural gas in the transit system and thereby reduction in domestic consumption
- Uninterrupted supply of consumers of the Republic with natural and liquefied gas
- Increase in natural gas supplies for export and expansion of services provided in transportation
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8 Gas transmittal pipelines Administrations

Транспортировка природного газа с эксплуатацией магистральных газопроводов, компрессорных станций и газораспределительных станций

UGS "North Soh"
UGS "Hodzhaabad"
UGS Gazly

Underground gas storage

Six territorial gas distribution companies

Operation of gas distribution stations and natural gas sales

Service departments

Construction and overhaul of the main gas pipelines
Repairs and installation works of electrical equipment and compressor stations
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Sources of resource generation:

**Own sources**
- Gas supply from the gas production and gas processing enterprises of Republic;
- Gas take off from underground storage

**Transit sources**
- Turkmen natural gas;
- Gas owned by enterprises carrying out its activities under the PSA;
- Gas companies with foreign capital having the right to sell gas at the border of gas transportation systems of the neighboring states
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Gas distribution

- Sale to residential and industrial consumers
- Exports to the north, south, and east
- Pumping into underground storage
- Consumption for auxiliary needs and technological losses

Domestic consumers

- Energy sector enterprises
- Chemical industry enterprises
- Mining and metallurgical complexes
- Population

Exports to the north, south, and east
BASIC AREAS OF GAS TRANSMISSION SYSTEM DEVELOPMENT

Modernization of existing facilities

Implementation of modern automated process control systems (realization of SCADA control systems and technological communication in the gas transmission system)

Capacity expansion of gas distribution networks (construction and reconstruction of gas networks)

Rational use of fuel and energy resources through the implementation of projects under the Clean Development Mechanism and implementation of projects aimed at reducing energy consumption and improving energy efficiency
THANK YOU FOR YOUR ATTENTION!