



THE REPORT OF THE CONTRY

**Republic of
Uzbekistan**

Ministry of Economy

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LOCATION OF UZBEKISTAN



- Area : 447,400 square km
- Population 37,2 mln;
- Government: presidential constitutional republic;
- Capital city: Tashkent;
- Climate: 4 seasons.





**In Uzbekistan bordered
by ancient cities and
modern cities.**



Dishes of Uzbekistan



Power industry structure in Uzbekistan

- *The power industry of Uzbekistan operates in the framework of the State Joint Stok Company “Uzbekenergo” since 2001 and State Joint Stok Company “Uzbekgidroenergo” since 2017.*
- *The power industry includes 53 enterprises and organizations, including 39 open joint-stok companies, 11 unitary enterprises, 2 societies with limited liability and company branch “Energosotish”.*

INSTALLED CAPACITY POWER OF "UZBEKENERGO"

SJSC "Uzbekenergo", having the 10 Thermal Power Plants of total capacity 12158 MW, these are such a Thermal Power Plants as:

- - *Talimarjan* – 1700 MW;
- - *Sirdarya* – 3065 MW;
- - *Tashkent* – 2230 MW;
- - *New-Angren* – 2100 MW;
- - *Navoi* – 1618 MW;
- - *Tahiatash* – 630 MW;
- - *Angren* – 393 MW;
- - *Fergana* – 305 MW;
- - *Mubarek* – 60 MW;
- - *Tashkent* – 2 – 57 MW.

USAGE FUEL on TTP's FOR POWER GENERATION

For power generation on TPP's
"Uzbekenergo" usage:

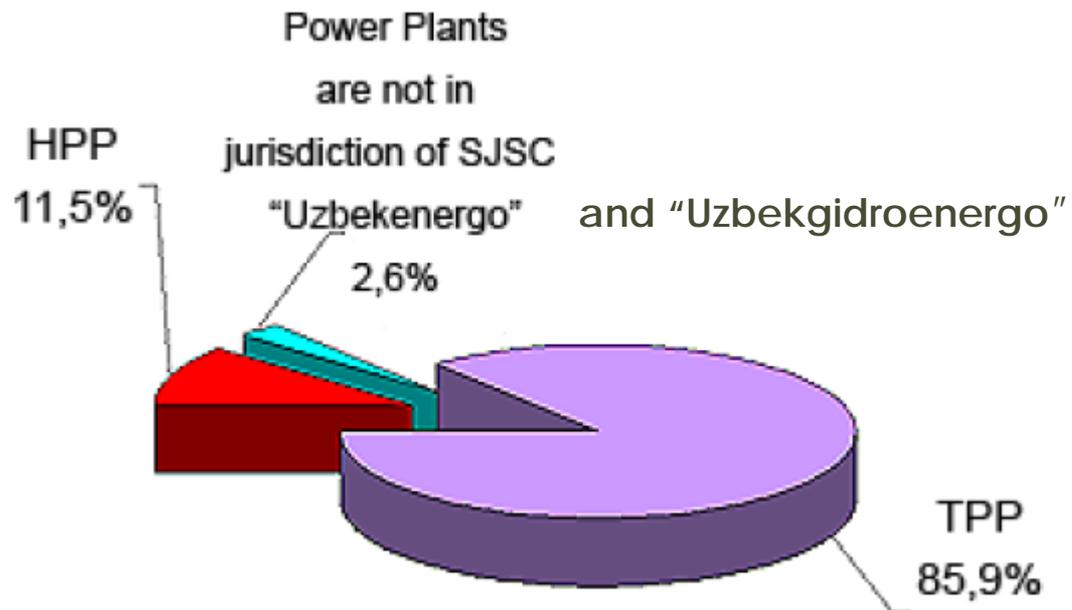
- *natural gas 90,8 %;*
- *mazut (black oil) 5,3 %;*
- *coal 3,8 %.*

This tendency will be keeping in the nearest future, natural gas remains as the main fuel and the share of coal increases up to 20-22 % in fuel balance.

INSTALLED CAPACITY POWER OF “UZBEKGIDROENERGO”

- All hydro Power Plants of the company in general are united the cascades of HPP's and operated based on waterway. The larges HPPs are located in the upper of Chirchik river (Charvak HPP, Khodjikent HPP and Gazalkent HPP) and have the water storage basins allowing to operate in regelation capacity mode.

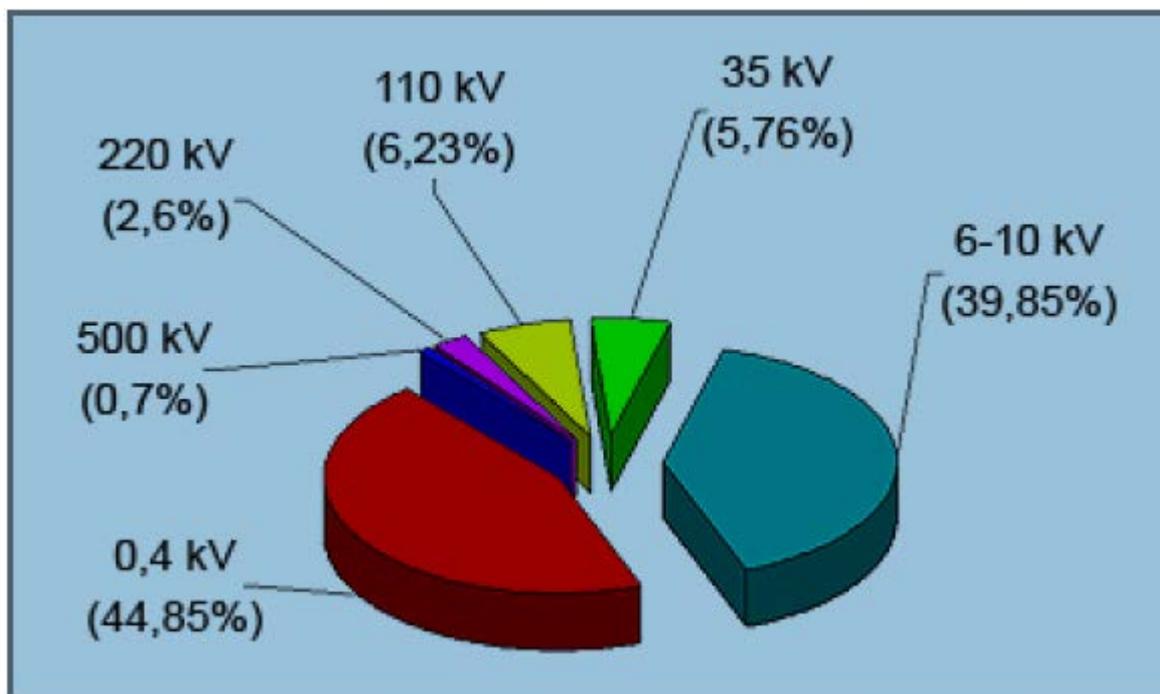
Energy resources



TRANSMISSION THE POWER

- The power transmission and distribution are fulfilled by means of the transmission lines of 0.4 – 500 kV to all consumers of the Republic.
- The extension of power transmission lines are over 235000 km and all consumers are connected to centralized power supply system.
- The arrangement of power transmission lines of 220 – 500 kV with 7500 km extension provides the stable operation of power system, the transmission of power from the Power Plants to the load centre, passing supply of power to the cross-border countries.

STRUCTURE OF ELECTRICAL NETWORKS OF UZBEKISTAN



MODERNIZATION POWER SYSTEM OF UZBEKISTAN

- To date, measures are being taken to increase the power generating capacity of the republic by introducing new capacities both in the heat power sector and in the sphere of renewable / alternative energy sources.
- The increase in the power generating capacity of the republic is planned until 2030 and includes the construction of new ones together with the modernization of existing power units at existing stations, the construction of new TPPs and nuclear power plants, the modernization and construction of new HPPs, the construction of solar and wind power stations with an aggregate capacity of almost 10 GW, 50 projects.

Thank you!