The principal power sector utility is Uzbekenergo. It is a state-owned holding consisting of 54 companies. Uzbekenergo operates 7 thermal power plants, 3 heat and power plants, 28 hydropower plants, and owns and operates the power transmission network including the transmission network interconnected with the neighboring countries through 220 kV and 500 kV transmission lines. Uzbekistan is rich in energy-producing resources: 3 bln. tons of coal reserves, 1.1 trillion cubic meters of natural gas reserves, and 590 bln. barrels of oil reserves.

Government’s strategic objectives in the power sector:
- Reduce the environmental footprint of the energy sector. Expand and modernize the power system to provide a reliable electricity supply to end-users;
- Ensure Uzbekenergo’s financial sustainability through developing its institutional capacity;
- Improve efficiency through the entire chain of power delivery from generation to distribution, given the high energy intensity of the economy;
- Develop opportunities for exporting power to other countries, both in the region and in South Asia.

In order to achieve the above objectives, the Government of Uzbekistan:
- Approved an investment program that consists of 37 projects to modernize and expand the Uzbek power sector;
- Performs periodic tariff revisions and supports Uzbekenergo in implementing the investment program and increasing its exposure to international financial institutions to help develop its institutional capacity;
- Mandates energy-intensive industries to improve procedural efficiency, using the most efficient technology;
- Assesses and develops renewable energy potential; and
- Maintains a commitment to improve energy and revenue accountability as well as data and information on the power sector.

The World Bank’s assistance:
- Ministry of Economy of the Republic of Uzbekistan
- Energy Efficiency Facility for Industrial Enterprises
- Additional Financing to the Energy Efficiency Facility for Industrial Enterprises Project
- Talimarjan Transmission Project
- Modernization of the Electricity Distribution Systems in Tashkent city and the oblasts of Tashkent and Samarkand
- District Heating Energy Efficiency Project
- Kachchik Andijan Tashkent Bukhara Samarkand

The World Bank’s assistance includes
- Talimarjan Transmission Project (construction of a 500/220 kV new substation at Talimarjan TPP, a 218 km 500 kV single circuit transmission line from Talimarjan TPP to Sogdiana substation, and a bay extension at Sogdiana substation), aiming to improve the reliability of the electricity supply to residential and business consumers in southwest Uzbekistan and strengthen the power transmission network.
- Additional Financing to the Energy Efficiency Facility for Industrial Enterprises Project in the amount of $US100 bln., aiming to improve the energy efficiency of industrial enterprises and establish mechanisms to finance energy-efficiency projects.
- Talimarjan Transmission Project in the amount of $US180 bln., aimed at reducing commercial losses of three regional power distribution companies in Tashkent and the Talakent and Syrdarya Regions.
- District Heating Energy Efficiency Project in the amount of $US110 bln., aiming to rehabilitate the heat supply in the cities of Andijan, Chirchik, Talakent, Samarkand and Bokhara.

Analytical papers
- Energy Sector Vulnerability to Climate Change
- Uzbekistan Power Sector Note
- Energy Tariffs in Uzbekistan: Impact and the Way Forward
- Global Energy Efficiency in Buildings
- Sourcebook for Strategic Energy Efficiency Development in Industry
- Planning the development of power systems

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