

Tashkent thermal energy storage

Tashkent power station (Tashkentskaya TE`S (Russian)) is an operating power station of at least 2230-megawatts (MW) in Salar, Tashkent, Uzbekistan with multiple units, some of which are not currently operating.

CHP is an abbreviation for Combined Heat and Power. It is a technology that produces electricity and thermal energy at high efficiencies. Coal units track this information in the Captive Use section when known.

With the support of EBRD, three units with total capacity of 450 MW will be decommissioned in 2023. As of November 2023, the total installed capacity of the power station, reported on the website of Tashkent Thermal Power Plant JSC, is 1,860 MW. It is unclear which units were retired.

In September 2023, Uzbekenergotaymir (owned by Tashkent Thermal Power Plant JSC) signed a contract for USD 60 million with General Electric Global Parts and Products for modernization of power units at power stations. The agreement was reached during the American-Uzbek business forum organized as part of the visit of President of Uzbekistan Shavkat Mirziyoyev to the United States. The name of the specific project was not mentioned.

In October 2023, it was reported in the media that China National Technical Import and Export Corp. (CNTIC) will participate in the construction of new CHP power stations in Tashkent. As of November 2024, there have not been any further updates about the modernization of the power station.

In 2024, all shares of the Tashkent power station were transferred to the State Assets Management Agency of Uzbekistan (AUGA). This move is part of the country's broader strategy to privatize state-owned enterprises, under its National IPO program. The program aims to increase the role of private sector investment in Uzbekistan's economy, including in the energy sector.

To access additional data, including an interactive map of gas-fired power stations, a downloadable dataset, and summary data, please visit the Global Oil and Gas Plant Tracker on the Global Energy Monitor website.

DescriptionThe project is currently owned by JSC Uzbekenergo with a stake of 100% is a Steam Turbine with Cogen power plant. The power plant run on dual-fuel. The primary fuel being used to power the plant is natural gas. In case of shortage of natural gas the plant can also run on Fuel Oil.

Contractors involvedUkrainian Energy Machines was selected as the turbine supplier for the Gas fired project. Electrosila supplied electric generator for the project. Electrosila supplied electric generator for the project.



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