



LLSE CONTAINERS

# Almaty Compressed Air Energy Storage Power Station in Kazakhstan





## Overview

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Who owns Almaty Power Station?

The Almaty-2 power station is owned and operated by Almaty Power Plants JSC, which is fully owned by Samruk-Energo, which in turn is owned by the National Welfare Fund of Kazakhstan Samruk-Kazyna. Almaty Power Plants also includes Almaty-1 power station and the Almaty-3 power station.

What will KBI energy do for Almaty CHPP-3?

KBI Energy, the EPC contractor for the Almaty CHPP-3 project, will use Ansaldo Energia's equipment to upgrade the power station with natural gas-fired combined-cycle power units. The combined-cycle units will replace existing pulverized coal equipment at the power station.

Where is Almaty 2 power station?

Almaty-2 power station (ТЭЦ-2 имени А. Жакутова, АО "АлЭС" Алматинская ТЭЦ - 2) is an operating power station of at least 510-megawatts (MW) in Almaty, Alatau, Kazakhstan with multiple units, some of which are not currently operating. The map below shows the exact location of the power station. Loading map. Unit-level coordinates (WGS 84):.

Why is reconstruction of Almaty CHPP-3 important?

Reconstruction of Almaty CHPP-3 provides for the construction of a completely new power plant with significantly greater power and maneuverability. The new power plant will combine the generation of electrical and thermal energy.



## Almaty Compressed Air Energy Storage Power Station in Kazakhstan



### Almaty-2 power station

Mar 3, 2025 · The project involves transitioning CHPP-3 from coal to natural gas, significantly reducing harmful emissions, improving air quality, and ...

#### [ALES Energy Transition and Modernization Project: Initial ...](#)

Feb 5, 2023 · The Asian Development Bank (ADB) will provide a corporate loan of up to \$214,000,000 equivalent in tenge to Joint Stock Company (JSC) Almaty Electric Stations ...

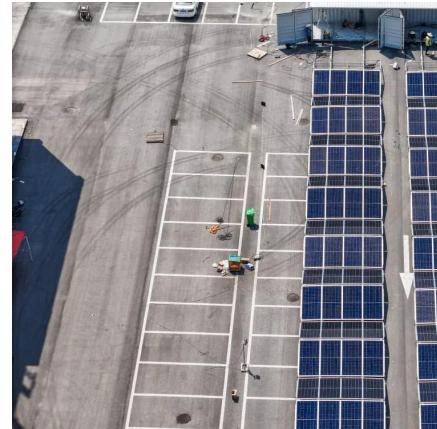


#### [Ansaldo Energia Provides Gas Turbines, ...](#)

Dec 14, 2023 · Two AE94.2 gas turbines, two generators, and associated components will be delivered for Kazakhstan's KBI Energy Group to ...

#### [Construction begins on largest clean energy power plant in Kazakhstan](#)

Construction officially commenced on the largest clean energy power station in Kazakhstan - project to modernize (coal to gas conversion) the Almaty CHP-2 - on July 1.



### [Almaty Compressed Air Energy Storage Power Station in Kazakhstan](#)

The Almaty-2 power station is owned and operated by Almaty Power Plants JSC, which is fully owned by Samruk-Energo, which in turn is owned by the National Welfare Fund of Kazakhstan ...

### [Ansaldo Energia Provides Gas Turbines, Generators for Almaty ...](#)

Dec 14, 2023 · Two AE94.2 gas turbines, two generators, and associated components will be delivered for Kazakhstan's KBI Energy Group to upgrade the Almaty CHPP-3 power station.



### [Ansaldo Energia signs the contract for the "Reconstruction of Almaty ...](#)

Feb 21, 2024 · In this context, the "Reconstruction of Almaty CHPP-3" project includes the construction of a modern combined cycle power plant powered by natural gas, for which ...



## [Power plant profile: Almaty CCGT Power Plant \(CHPP-2\), Kazakhstan](#)

Nov 11, 2024 · The Almaty CCGT Power Plant (CHPP-2) is 600MW gas fired power project. It is planned in Almaty, Kazakhstan. According to GlobalData, who tracks and profiles over ...

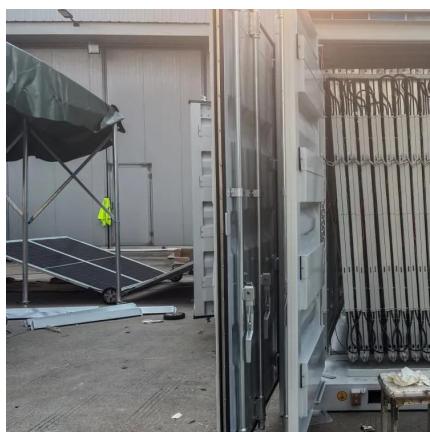


## [A new era for Almaty CHPP-3: reconstruction and ...](#)

Nov 13, 2023 · What does reconstruction include? Reconstruction of Almaty CHPP-3 provides for the construction of a completely new power plant with significantly greater power and ...

## [Ansaldo Energia signs the contract for the ...](#)

Feb 21, 2024 · In this context, the "Reconstruction of Almaty CHPP-3" project includes the construction of a modern combined cycle power plant ...



## [EDB Issues Bonds to Fund Almaty Power Plant Modernization](#)

Mar 3, 2025 · The project involves transitioning CHPP-3 from coal to natural gas, significantly reducing harmful emissions, improving air quality, and enhancing power supply reliability in ...



## Almaty-2 power station

1 day ago · Almaty-2 power station (????-2 ???????. ????????, ?? "?????" ?????????????? ??? - 2) is an operating power station of at least 510-megawatts (MW) in Almaty, Alatau, ...



### [The Project "Modernization of Almaty CHP-2 including ...](#)

Feb 28, 2022 · The project goal: Reducing the negative environmental impact of Almaty CHP-2 on the environmental situation in Almaty city by transfer the station to firing natural gas.

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