

# **Kazakhstan Almaty Power Plant Energy Storage Project**





## 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.

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):.

Will Almaty 2 power station be gasified by 2020?

In September 2017, then President Nazarbayev instructed the Akim (Mayor) and Samruk-Kazyna SWF JSC to take measures to transfer Almaty-2 power station to gas by 2020 and to complete the gasification of the private sector. Almaty-2 power station and Almaty-3 power station burn about 3 million tons of coal per year.

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.



## Kazakhstan Almaty Power Plant Energy Storage Project



### 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.

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

Mar 3, 2025 · The proceeds will finance the reconstruction of Samruk Energy, the parent company of Almaty Electric Power Plants (AIES). A key component is the installation of an over 500 ...



### [Almaty-2 power station](#)

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

### [56169-001: ALES Energy Transition and Modernization Project](#)

Mar 15, 2023 · The proposed Project will gradually decommission and replace inefficient coal-based power generating units with combined cycle gas turbine (CCGT) units with an installed ...



### **Samruk Energy, CWE to build Kazakhstan's first pumped storage power plant**

Jun 16, 2025 · Kazakhstan's Samruk Energy announced on Monday the signing of a joint venture agreement with China International Water and Electric Corporation (CWE) to build the first ...



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

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### [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 ...

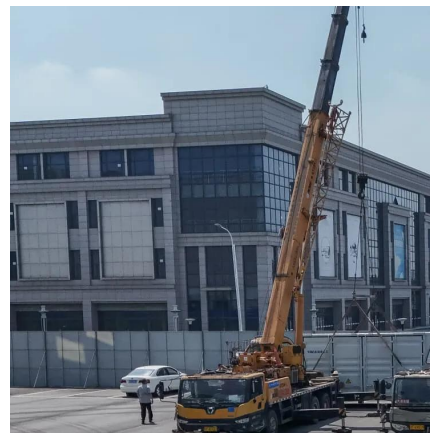


### [Reconstruction of Almaty CHPP 3 into a ...](#)

Goals and objectives The project will issue bonds to finance the construction of a combined cycle power plant (two SGT-2000E gas turbines + two heat ...

### [A Sustainable Future: POWERCHINA's Plans in Kazakhstan](#)

Jul 31, 2024 · The renovated plant (rendering) will significantly reduce harmful emissions and provide cleaner and more stable energy supply to the residents of Almaty At the beginning of ...



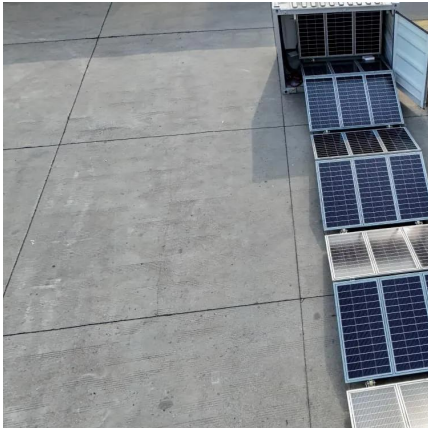
### [GrCF2 W2 Almaty CHP Modernisation , We invest in ...](#)

Nov 15, 2022 · GrCF2 W2 Almaty CHP Modernisation Overview A provision of senior loan of up to EUR 252 million in KZT equivalent to JSC "Almaty Power Plants" (the "Company" or "APP") ...



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**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 ...



**Reconstruction of Almaty CHPP 3 into a combined cycle power plant ...**

Goals and objectives The project will issue bonds to finance the construction of a combined cycle power plant (two SGT-2000E gas turbines + two heat recovery steam generators (HRSGs) + ...



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