

SolarInnovate Energy Solutions

Independent energy storage power station in Almaty Kazakhstan



Overview

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.

Discussions about converting CHP-2 from coal to gas began in 2017 following an official decree by former president Nursultan Nazarbayev to reduce air.

Who owns Almaty Power Station?

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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.

What does 510 MW mean for Almaty?

The 510 MW power station has plans for additional gas-fired units of up to 600MW which will replace the existing coal-fired units by 2026. The 510 MW power station is the largest thermal power plant in the region and provides Almaty with 60% heat supply and 40% electricity.

Will EBRD provide a loan to modernize Almaty Power Station?

In July 2022, the European Bank for Reconstruction and Development (EBRD) disclosed that they would be providing a loan of up to €252 million (\$257.6m) for the modernization of the power station. The project is part of the Green Cities Program of EBRD in Almaty and will be implemented under an EPC contract.

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Kazakhstan Electric Power Industry Key Factors

Aug 15, 2025 · ?????????????? ?????????? ??
 ?????????? ?????????????????? ??????????The
 electric power industry in Kazakhstan
 includes the following sectors: electricity
 generation; electricity ...

Kazakhstan begins site studies for first nuclear power plant

May 29, 2025 · Kazakhstan has started
 engineering surveys for its first modern
 nuclear power station at Ulken in the
 Almaty region. The studies mark the
 initial stage of the project, following ...

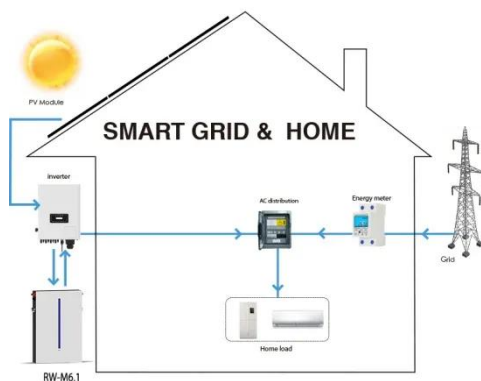


Comprehensive Value Evaluation of Independent Energy Storage Power

Nov 20, 2022 · The comprehensive value
 evaluation of independent energy
 storage power station participation in
 auxiliary services is mainly reflected in
 the calculation of cost, benefit, and ...

Almaty-3 power station

Aug 18, 2025 · Almaty-3 power station
(?? "?????" ?????????????? ???-3,
????-????????? ???? (predecessor)) is an
operating power station of at least
173-megawatts (MW) in Otegen Batyr, ...



QazaqGreen , News Kazakhstan , Renewable energy development in Almaty

May 16, 2025 · Almaty region continues
to strengthen its role as a national
leader in the development of renewable
energy. As of today, the region is home
to 23 operational ...

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