

Kazakhstan Data Center Energy



Overview

Kazakhstan signed an agreement to build a \$1.5 billion Tier IV data center alongside a \$400 million gas-fired power plant. The project is central to President Tokayev's ambition to transform Kazakhstan into a regional AI and digital infrastructure hub. Energy shortages, delayed power projects, and Kazakhstan has signed a memorandum of cooperation with an international consortium that includes Dornan Engineering Group and JMOT04 to develop a major high-capacity data center project in the country. 5 billion investment, aiming to anchor its cognitive economy vision. Power supply challenge: A 250-megawatt gas plant is planned to ensure reliable electricity, with the country targeting energy self-sufficiency by 2027. There's one problem: the country doesn't currently have enough electricity to power what it already. Kazakhstan has announced a \$1.



Article Content

Sep 16, 2025

U.S.-Linked Consortium to Build \$1.5 Billion Data Center in Kazakhstan

Kazakhstan has signed a memorandum of cooperation with an international consortium that includes Dornan Engineering Group and JMOT04 to develop a major high-capacity data center ...

Oct 04, 2025

Cluster of hyperscale data centers set to be launched in Kazakhstan

According to the press service of the Kazakh Energy Ministry, the memorandums provide for the implementation of projects to create hyperscale data centers within the country, including the ...

Mar 27, 2026

Kazakhstan plans \$1.9B data center amid power shortages

Kazakhstan just signed an agreement to build out a \$1.9B data center complex, betting that its geographic position and energy resources can turn it into a serious player in the global compute race.

May 30, 2026

Kazakhstan in Talks With Global Tech Giants for Data Center Valley in ...

In January, Prime Minister Olzhas Bektenov, during a working visit to the Pavlodar Region, reviewed the implementation of the Data Center Valley project, which is being developed on the ...

Oct 15, 2025

Kazakhstan plans \$1.9B data center hub amid persistent power ...

Kazakhstan signed a \$1.9B deal to build a data center hub, but its history of power shortages from crypto mining raises serious questions about execution.

Aug 17, 2025

Kazakhstan to Build \$1.9B Data Center Amid Power Challenges

As Kazakhstan embarks on this new data center venture, ensuring reliable power supply remains a critical challenge, with potential solutions including new energy partnerships or ...

Sep 19, 2025

Does Kazakhstan's power-generating capacity match its AI ambitions?

The data center is envisioned as a foundational piece in President Kassym-Jomart Tokayev's vision to transform the country into a cognitive economy. "Kazakhstan has a unique ...

Jan 10, 2026

Kazakhstan links AI hub plan to closing power gap

Kazakhstan links AI hub plan to closing power gap AI hub blueprint: Kazakhstan will build a Tier IV data center with a \$1.5 billion investment, aiming to anchor its cognitive economy vision. Power ...

Dec 05, 2025

Power Shortages Threaten Kazakhstan's \$1.9 Billion Data Center Push

Kazakhstan has launched a multibillion-dollar plan to build a Tier IV data center and supporting gas-fired power plant, but the project's success depends on resolving the country's ...

Sep 05, 2025

Kazakhstan must boost energy capacity to meet AI demand

Demand for data centers — especially from artificial intelligence (AI) projects — is growing faster than energy infrastructure can keep up, according to Akashi Data Center PLC Chief Operating ...

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