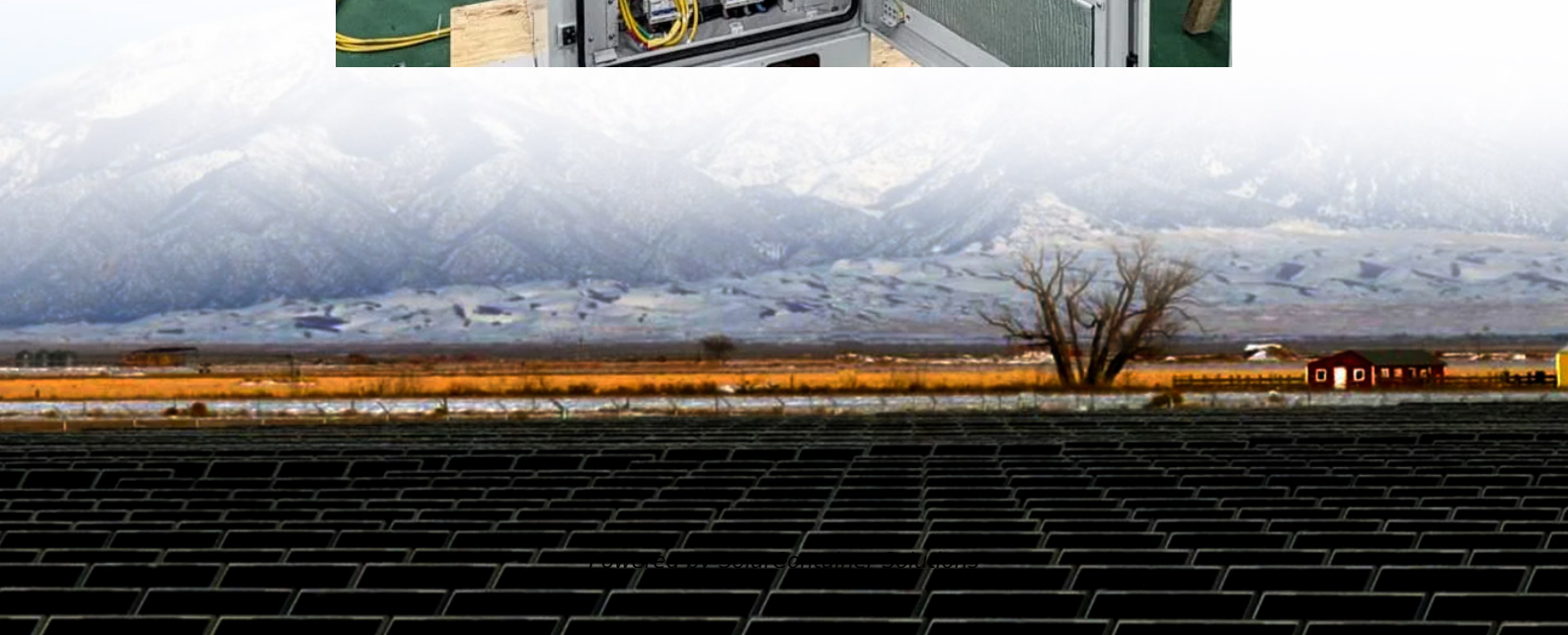


Kazakhstan energy storage data in 2025





Overview

A competitive selection process for 300 MW of energy storage capacity is planned for the second quarter of 2025. These systems will play a vital role in balancing supply and demand, ensuring a reliable and resilient power grid as the country transitions towards a cleaner energy future. Who collects energy statistics in Kazakhstan?

Official energy statistics in Kazakhstan are the responsibility of the Committee on Statistics under the Ministry of National Economy. In 2016, the energy data collection system was modified as part of modernisation efforts by the Committee on Statistics.

How much energy does Kazakhstan use?

In 2018, Kazakhstan's energy consumption (measured by total primary energy supply) was 76 Mtoe, comparable to consumption in the Netherlands (73 Mtoe). Among EU4 Energy focus countries, Kazakhstan is the second-largest energy consumer after Ukraine.

Does Kazakhstan use fossil fuels?

Kazakhstan relied on fossil fuels for 85% of its electricity in 2024. Its emissions per capita, 4.6 tCO₂, were more than twice as high as the global average. Kazakhstan's power sector emissions more than doubled in the last two decades, in line with the demand growth over the period, largely met with increased coal and gas generation.

Is Kazakhstan a clean country?

Kazakhstan's largest source of clean electricity is hydro (10%). Its share of wind and solar (5%) is a third of the global average (15%). Kazakhstan relied on fossil fuels for 85% of its electricity in 2024. Its emissions per capita, 4.6 tCO₂, were more than twice as high as the global average.



Kazakhstan energy storage data in 2025



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Kazakhs

The Kazakhs likely began using the name Kazakh during the 15th century. [38] There are many theories on the origin of the word 'Kazakh' or 'Qazaq'. Some speculate that it comes from the ...

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Kazakhstan

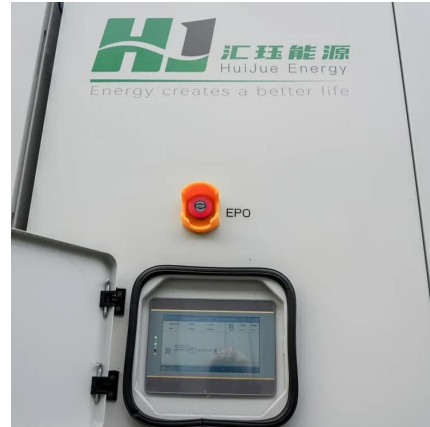
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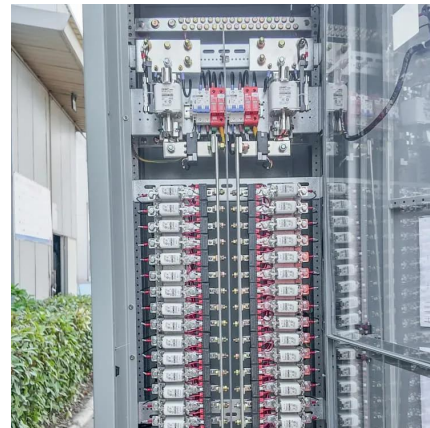
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Kazakhstan s energy storage needs

Kazakhstan is a country rich in resources including coal - which is relied on by many regions - but is working hard to decarbonise, and is making rapid progress with the development of ...

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Kazakhstan

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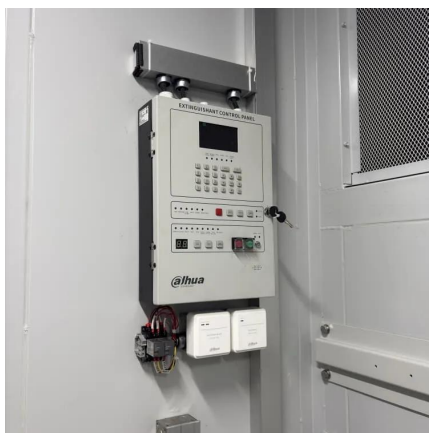
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Kazakhstan

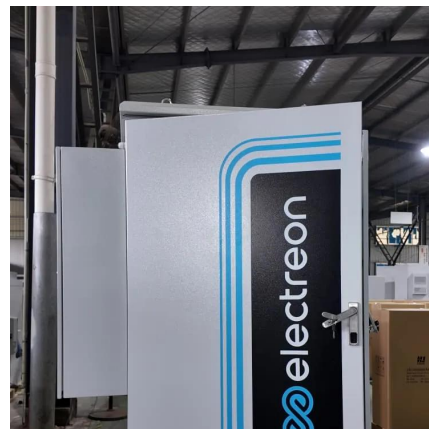
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Kazakhstan's Energy Transition

Tatiana Lanshina, Yana Zabanova Kazakhstan is Central Asia's energy transition pioneer. It was the first country in the region to set renewable energy targets, develop a func ...

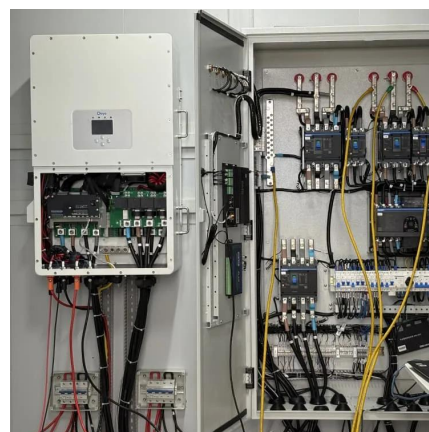
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[Energy statistics and SEEA accounts in Kazakhstan](#)

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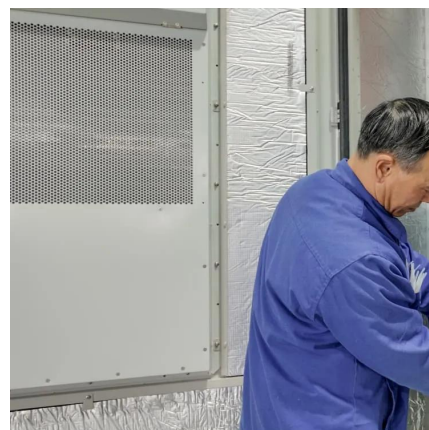
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Kazakhstan is the ninth largest country in the world, covering approximately 1.8% of the Earth's total land area. It is not only the largest country in Central Asia but also stands ...

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