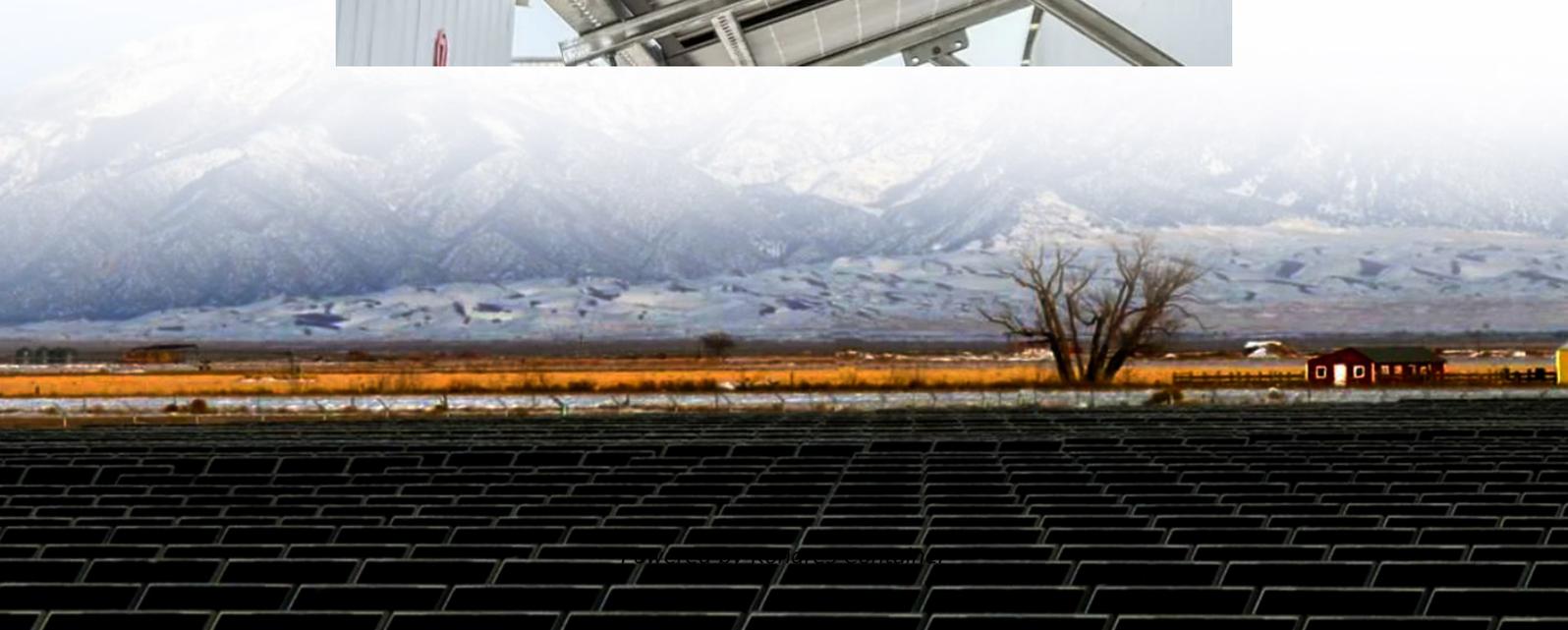


## Kongres Container

# Kazakhstan power generation and energy storage



## Overview

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Could Kazakhstan increase its wind power capacity by 2035?

4 Kazakhstan's vast and cost-efficient wind energy potential offers a particularly strong foundation for scaling up renewable energy capacity. The country could increase its wind power capacity to 10 gigawatts by 2035, twice as much as the government is currently planning – or even more.

Why is Kazakhstan so energy-intensive?

Kazakhstan's economy is highly energy-intensive and uses two to three times more energy than the average for OECD countries. Electricity in Kazakhstan is generated by 155 power plants of various forms of ownership.

Will Kazakhstan install 14 GW of new power generating capacity by 2030?

In addition, the Chairman of Kazakhstan's national electricity generator, Samruk-Energo, has stated that Kazakhstan plans to install 14 GW of new power generating capacity by 2030.

How many power plants are in Kazakhstan?

Electricity in Kazakhstan is generated by 155 power plants of various forms of ownership. As of January 1, 2022, the total installed capacity of power plants in Kazakhstan was 23,957, MW, and the available capacity is 19,004 MW. In total, in 2021, 114.3 billion kWh of electricity was generated at the country's power plants.

Does Kazakhstan have a commitment to development of the energy sector?

firm commitment to development of the economy and energy sector Kazakhstan has adopted a number of strategic documents regarding development of the energy sector. However, these documents do not reflect current circumstances. In this regard, the respondents were asked.

How much electricity is generated in Kazakhstan?

In total, in 2021, 114.3 billion kWh of electricity was generated at the country's power plants. Kazakhstan's national grid is operated by Kazakhstan's Electricity Grid Operating Company (KEGOC), a state-owned company responsible for electricity transmission and distribution network management.

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