

Is Kazakhstan at a crossroads in its energy sector?

Kazakhstan, a vast and resource-rich nation in Central Asia, is at a crossroads in its energy sector. With a growing emphasis on sustainability and a need to align with global decarbonization efforts, the country is embarking on a transformative initiative that aims to ensure the security and reliability of its energy supply.

Why should you join the Kazakhstan Energy Association?

**JOIN THE KAZENERGY ASSOCIATION!** build capabilities and help shape the Kazakhstan energy future. Association KAZENERGY - independent non-commercial union of legal entities, which is challenged to promote creation of favorable conditions for the dynamic and sustainable development of the fuel and energy sector of the Republic of Kazakhstan.

Should Kazakhstan adopt an energy security strategy?

Global trend of tightening carbon regulation presents yet another impetus for broader modernization and systemic reforms of energy sector in Kazakhstan. Kazakhstan should articulate and adopt an official Energy Security Strategy document, guided by these general observations.

Will Kazakhstan achieve its INDC conditional emissions target by 2030?

Given its current trajectory, Kazakhstan may not achieve its INDC conditional emissions target by 2030; national GHG emissions may even drift upwards in early 2020s with further economic recovery and higher energy consumption; a more concerted effort is needed to reverse this.

Can Kazakhstan achieve its INDC target by 2030?

Kazakhstan's officially reported GHG emissions totaled 340.8 MMt CO<sub>2</sub>e in 2021, down 7% from 367.7 MMt CO<sub>2</sub>e in 2015. To achieve Kazakhstan's INDC (unconditional) emissions target of 324.4 MMt CO<sub>2</sub>e by 2030, this positive downward trend would have to continue and accelerate slightly; this is certainly possible if:

Which project will boost Kazakhstan's oil production in 2024-25?

Tengiz: Future Growth Project is main source of Kazakhstan's incremental oil production during 2024-25. Kashagan: Phase 2 development is likely to lift project output through 2030s, cushioning overall national production decline trajectory.

Vice Minister of Energy of the Republic of Kazakhstan, Alibek Zhamaurov, Head of Gas Industry Department, Bakhytzhan Taubaev, and Head of Oil Industry Department, Berik Ermakhanov visited the Tengiz field.

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Kazakhstan's largest clean electricity source is hydro (8%). Wind and solar are starting to play a role, reaching 5% of Kazakhstan's electricity in 2023 - a significant increase from their near-zero share in 2015. However, this is still far below the global average (13%) and regional average for Asia (13%).

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The Ministry carries out the formation and implementation of state policy, coordinates the management process in the fields of oil and gas, petrochemical industry, hydrocarbon transportation, in the field of uranium mining, state regulation of the production of petroleum products, gas and gas supply, the main pipeline, electricity, heat supply ...

As a self-reliant and proficient private oil refinery based in Kazakhstan, Kazakhstan International Energy has been granted an official mandate by the Ministry of Energy to enhance the provision of natural gas to European markets. At Kazakhstan International Energy, we take immense pride in our pioneering role within the oil and gas sector. Our ...

Kazakhstan has set an ambitious goal to produce 50 percent of the country's energy from renewable sources by 2050. As such, the Energy Partnership has most recently been active in the areas of sharing best practices and enhancing technical capacity for clean energy deployment and developing efficient, market-based systems for the delivery of ...

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