

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.

Is a nuclear power plant a safe source of electricity in Kazakhstan?

Timur Zhantikin, the director general of Kazakhstan Nuclear Power Plants (KNPP), who argues that a nuclear power plant is the only stable and safe source of electricity, emphasized that many industrial development projects in Kazakhstan are currently stalled due to insufficient energy supply.

Why is Kazakhstan moving towards nuclear energy?

Kazakhstan's desire to move toward nuclear energy is primarily driven by its need for energy security. The country could face a severe electricity shortage within the next decade. By 2035, Kazakhstan expects electricity consumption to increase significantly to 152.4 billion kWh.

How much does a nuclear power plant cost in Kazakhstan?

If the project goes ahead, the construction of a nuclear power plant in Kazakhstan is estimated to cost \$10-12 billion. Yet supporters of the project see nuclear energy as cost-effective because of the low fuel costs, long lifespan, and stable energy production.

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.

In the geopolitics of the global energy transformation, Kazakhstan's enormous wind and solar potential - coupled with land availability and rich reserves of critical raw materials - represent a strong strategic advantage.

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In 2010, Kazakhstan suggested a new document "Energy Charter: Kazakhstan-EU, 2020" which would regulate energy cooperation only between Kazakhstan and EU. The interest in the document, which in the end exists only as an idea, indicated Kazakhstan's desire to: Diversify its energy routes

6 ???&#0183; China plans to construct four renewable energy facilities in Kazakhstan, with electricity set to be sold at prices ranging from 21.68 to 28.72 tenge or 4.25 to 5.63 cents per kilowatt-hour (kWh) at the current exchange rate set by the National Bank of Kazakhstan.

To promote Energy Efficiency and energy conservation measures, Government of India enacted The Energy Conservation Act-2001. ADB study (2004) of Demand Side Management potential in industry, buildings, municipalities and the study by National Mission for Enhanced Energy Efficiency that seeks to unlock a market potential of Rs. 74,000 crores (INR) and an avoided ...

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Tens of thousands of documents, presentations and other internal materials from the Ministry of Energy of Kazakhstan. In January 2022, protests erupted in Kazakhstan after the government lifted a price cap on liquefied petroleum gas. In the first week of the year, 227 people were killed and thousands arrested.

Big Sky Energy Corporation ("Big Sky"), a Nevada corporation, and the Republic of Kazakhstan ("Kazakhstan"). (Doc. 7 at 1-2.) At issue is the invalidation by a Kazakhstani court of a transfer of oil rights from KoZhaN LLP, a Kazakh company, to a Canadian special purpose vehicle called Big Sky Energy Kazakhstan LLP, which is wholly owned

Meeting with the heads of Kazakhstan's electricity production industry on May 26, President Kassym-Jomart Tokayev announced his intention to increase the share of renewable energy sources (RES) in the country's total energy portfolio from 10 to 15 percent by the year 2030 is the second time Kazakhstan's government has increased its 2030 RES goal ...

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Kazakhstan's desire for energy reform and an announcement of a nationwide referendum on building the country's first nuclear power plant should be considered as an impetus for transforming both the energy sector and the economy in line with sustainable development.

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6 ???&#0183; Kazakhstan has shown clear commitments in policy and legislative action towards becoming a greener country, but is also clearly stuck in path dependency with fossil fuel based energy sources. Potential solutions that have been proposed are the construction and use of less harmful intermediate solution power generating capacity to replace coal.

Kazakhstan aims to increase the share of renewables in its electric power generation from 5.8 percent in the first half of 2023 (not including large hydro) to 15 percent by 2030. The government plans to generate 50 percent of its electricity from renewable and nuclear power by 2050 and has pledged to become carbon neutral by 2060.

Central Asia, and Kazakhstan in particular, has become a very attractive place for Chinese direct investment, both in exploration and development of petroleum as well as in the construction of oil and gas pipelines. Given the extraordinary relevance and complexity of this region, I will focus on China-Kazakhstan energy links.

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Herbert Smith Freehills has advised one of the world"s leading renewable energy companies Masdar on the landmark government agreement signed by the governments of the United Arab Emirates (UAE) and Republic of Kazakhstan. The agreement outlines a commitment to co-operate in the development of Kazakhstan"s renewables sector, including ...

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