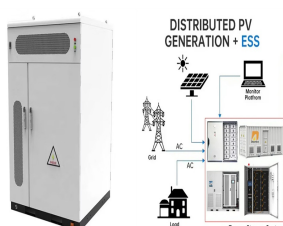


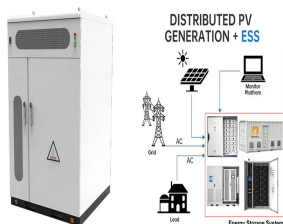
KAZAKHSTAN WIND GENERATOR COMPANY



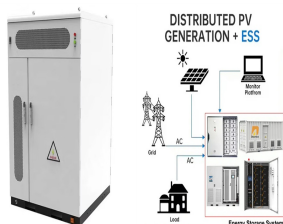
Where is a 1GW wind project located in Kazakhstan? It is located in the Jambyl region of the country and also features a 600-megawatt-hour (MWh) Battery Energy Storage System (BESS). The 1GW wind project is being co-developed by W Solar, Qazaq Green Power (a Samruk-Kazyna Group company), and the Kazakhstan Investment Development Fund, with Masdar as the lead developer.



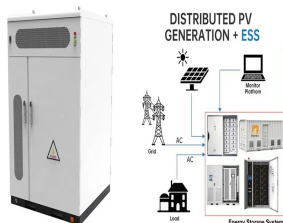
What is the wind energy potential in Kazakhstan? Kazakhstan is rich in wind energy resources. In some regions, the average wind speed at an altitude of 15 m is 27-36 m/s. There are at least 10 areas with a large wind potential, with an average wind speed of 8 -10 m/s. The most significant wind energy resources are found at the Dzungarian Gate, with a potential of 17,000 kWh /m².



When will a wind farm be built in Kazakhstan? Construction of the wind farm is expected to commence by Q1 2026. When completed, it will provide power to approximately 300,000 homes in the south of Kazakhstan, avoiding 2 million tonnes of CO₂ emissions per year. Today marks an important milestone for the UAE and Kazakhstan and highlights the strength of our strategic partnership.



How many wind power sites are there in Kazakhstan? In this regard, the UNDP in its Wind Power Market Development Initiative identified potential nine wind power sites in the country. The average annual wind speed of all sites, at a height of 80 meters around 7.5 m/s. The estimated output of the sites satisfy 2% of electricity demand of Kazakhstan by 2014.

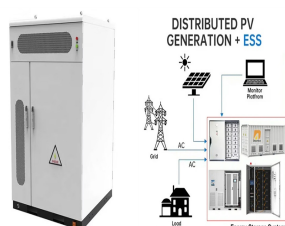


What is Zhanatas wind farm? The 100-MW Zhanatas wind farm is one of the first batch of key energy projects under the China-Kazakhstan production capacity cooperation framework. The project was put into operation in June 2021, becoming Central Asia's largest wind farm at that time, greatly alleviating the power shortage in southern Kazakhstan.

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Why is wind power development important in Kazakhstan? Kazakhstan is endowed with exceptional wind resources, which are sufficient for the introduction of industrial scale wind farms and development of the wind power in the country. The wind power development is of particular importance for Kazakhstan's sustainable development.



Kazakhstan's steppe geography makes it suitable for wind energy applications and the estimated potential of wind energy that can be economically developed is about 760GW.[18] About 50% of Kazakhstan's territory has average wind speeds suitable for energy generation (4-6 m/s) with the strongest potential in the Caspian Sea, central and northern regions.



Envision Energy, a leading global green technology company, has taken a major step in strengthening Kazakhstan's green energy transition by signing a strategic agreement with Samruk Energy and Kazakhstan Utility Systems to establish a localized manufacturing facility for wind turbines and energy storage systems in Kazakhstan.



The Zhanatas wind power project, with each wind turbine weighing about 300 tons and reaching nearly 150 meters tall, was selected as part of China-Kazakhstan production capacity cooperation in 2016 and began construction in 2019, SPIC said. Despite the COVID-19 pandemic, the first turbines entered operation in September 2020.



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The vehicles loaded with SANY Renewable Energy's wind turbines will travel more than 2,000 kilometers to the project site, ensuring adequate preparation for the subsequent construction phase. The Arkalyk project adopts 10 units of highly reliable 4.8 MW WTGs from SANY Renewable Energy, with turbine blades measuring up to 82 meters in length ??? the ???



Paris, December 1, 2022 ??? TotalEnergies implements its energy transition strategy in Kazakhstan with, on the one hand, the sale of its affiliate Total E& P Dunga GmbH and, on the other the giant Mirny wind farm project that received the support of the French and Kazakh authorities on the occasion of the visit in France of the President of Kazakhstan, Kassym Jomart Tokayev.



Maksat Abilgaziev is pictured in front of wind turbine generators in Zhanatas, Kazakhstan, on April 3, 2023. China and Kazakhstan are pioneers in production capacity and investment cooperation, under the framework of the ???



The project selected 24 units of Goldwind's GW130-2.5MW smart wind turbines, marking that the Chinese-made permanent magnet direct-drive (PMDD) smart wind turbines have entered Kazakhstan in batches.



TotalEnergies said the agreement has bolstered its presence in Kazakhstan's renewable energy segment. The company has also sold its Total E& P Dunga affiliate to Kazakhstan-based company Oriental Sunrise for ???

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In 2013, the Government of Kazakhstan adopted a new law, On Supporting the Use of Renewable Energy Sources. This promotes technology-specific feed-in tariffs for selected renewable energy technologies, such as biomass, solar, wind, geothermal and hydropower, up to 35 MW. [7] The cost of the programme is estimated at KZT 1,100 billion (c. ???5.3 billion).



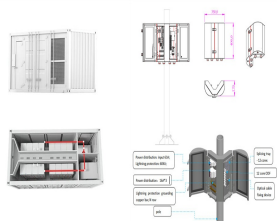
Total Eren, a subsidiary of the French energy group TotalEnergies, has signed an agreement with the Kazakh companies Samruk-Kazyna and KazMunayGas (KMG) to develop the 1 GW Mirny onshore wind project, located in the Khantau district of southern Kazakhstan. The project, which will comprise 200 wind turbines and will be combined with a 600 MWh battery ???



In June, 2020, Xinjiang Goldwind Science & Technology Co.,Ltd. has successfully won the phase-II 100MW wind power project in Zhanatas, Kazakhstan as the Top One in terms of technology, commerce and total scores in the fifth centralized bidding of China Power International Development Limited for the construction projects in 2020, and has ???



This wind farm is Masdar's inaugural project in Kazakhstan, located in the south of the country, and features a 600-megawatt-hour (MWh) Battery Energy Storage System (BESS). The agreement was signed by Abdulla Zayed, Director of Business and Project Development at Masdar, and Gulzhan Nalibayeva, General Director of the Financial Settlement Centre for ???



It should be reminded that "Samruk-Energy" JSC RE facilities such as solar power plants (SPP), wind power plants, biogas plants (BGP), small hydropower plants produced 342,5 mln.kWh in 2019 or 14,3% of the total electricity generated from renewables in the Republic of Kazakhstan, and the company's share in the production of "clean

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With its 140 wind turbines, Government of Kazakhstan for the giant Mirny onshore wind project in response to the dual challenge of reducing carbon emissions and electrifying isolated rural areas. Developed in partnership with the National Wealth Fund Samruk-Kazyna and the National Company KazMunayGas, the wind farm will be capable of



??? UE's EPC company UNIBLU Powered the Service Station for Protecting the Source of the Yangtze in Qinghai, China ??? UE Got 250mil. yuan Loan from Agricultural Bank for the 50MW Baixiang Wind Farm ??? Successful Transport of the First Batch of Wind Turbines during COVID-19 Outbreak for UE's Wind Power Projects in Kazakhstan

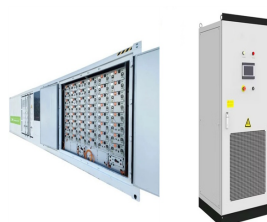
HIGHLIGHTS OF THIS



ASTANA, Kazakhstan, Dec. 2, 2024 /PRNewswire/ -- Envision Energy, a leading global green technology company, has taken a major step in strengthening Kazakhstan's green energy transition by signing



Maksat Abilgaziev is pictured in front of wind turbine generators in Zhanatas, Kazakhstan, on April 3, 2023. (Photo by Kalizhan Ospanov/Xinhua) ZHANATAS, May 18 (Xinhua) -- China and Kazakhstan are pioneers in production capacity and investment cooperation, under the framework of the synergy between the Belt and Road Initiative and Kazakhstan's "Bright Road" new ???



Kazakhstan's first wind farms relied to a large extent on Western-made technologies, including turbines manufactured by industry leaders Vestas and GE. Turbines from the now defunct German-Ukrainian company Fuhrl?nder Wind Technology were installed at the First Wind Power Station, which was constructed in 2015, and which we visited

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A wind project contributing to Kazakhstan's renewable push The Mirny project, which will consist of around 200 turbines, is the largest wind energy initiative ever undertaken in Kazakhstan. Supported, by both the Kazakh and French authorities, the project will be a strong contributor to the Kazakh Government's target of achieving 15% of electricity from renewable ???

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Kazakh vast steppes make the country's territory suitable for the development of wind energy. As a case in point, wind turbines in Rodina (Motherland) village generate enough electricity to meet the residents' needs. Kazakhstan has 133 renewable energy facilities so far ??? 48 wind, 43 solar, 39 hydropower, and three biogas power stations.



Is a foreign capital company of CPIH and Visor Kazakhstan, established to realize the project of construction and operation of 100 MW wind power plant in Zhanatas town, Sarysu district, Zhambyl region. Watching the huge wind turbines spinning in the wind and producing electricity is a truly impressive sight. I am happy to know that my