



# When will the kazakhstan energy storage power station start construction

Who will supply a new 120 MW power plant in Kazakhstan?

Technology group W&#228;rtsil&#228; will supply the engineered equipment for a new 120 MW power plant under construction in Kazakhstan. The order was placed by Kazakhstan Caspian Offshore Industries (KCOI) and booked by W&#228;rtsil&#228; in Q4 2024.

Will Kazakhstan increase its energy production to 15% by 2030?

Historically focused on oil and gas, and experiencing sustained growth in its energy demand, Kazakhstan has set itself the target of increasing the proportion of renewable energies in its electricity production to 15% by 2030 (1).

Does Kazakhstan have a unified power system?

Kazakhstan's unified power system operates in a normal mode, in parallel with the power systems of the Russian Federation and Central Asian countries. As of today, 220 power plants are operating in the country, including 144 RES facilities with a total capacity of 2.8 GW.

Will a W&#228;rtsil&#228; engine power plant work in Kazakhstan?

"This will be the first hybrid project of its type to be implemented in Kazakhstan. The engine power plant is essential to enable a stable and reliable supply of electricity, and the W&#228;rtsil&#228; engines will efficiently regulate the frequency and voltage to ensure this reliability is achieved," says Mirko Borghesi, CEO of KCOI.

When will Kazakhstan's 'Mirny' project start?

Construction is due to start in the fall of 2025, with the first electricity injected into the grid in 2028. With its 140 wind turbines, the Mirny project developed by TotalEnergies is contributing to Kazakhstan's energy transition.



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Web: <https://www.solarcomplete.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

