

## **GE's gas turbines will power the first combined heat and power plant in Kazakhstan, supporting country's energy transition journey**

- *As part of modernization of the Kazakhstan power infrastructure, Aksa Energy will build a new combined heat and power (CHP) plant to provide flexible, reliable, efficient, and sustainable heat and power for the Kyzylorda region*
- *The new 240-megawatt (MW) CHP plant, expected to be commissioned in 2025, will be powered by two GE's 6F.03 gas turbines*
- *Project represents a relevant step in the country's energy system transformation aimed at reducing coal baseload generation, supporting renewable energy balancing and eventually reaching net-zero carbon emissions by 2060*

**KAZAKHSTAN, Kyzylorda, February 9, 2023** — GE (NYSE: GE) and Aksa Energy (AKSEN:TI), the largest publicly listed global power producer headquartered in Türkiye, announced the signature of the contract for the supply of two highly-efficient GE 6F.03 gas turbines to power Aksa Energy's new combined heat and power plant in the Kyzylorda region of Kazakhstan. In addition, GE will provide maintenance services to help ensure long-term availability and reliable operation for the equipment.

Kazakhstan is making progress to improve grid stability and is committed to modernize its power infrastructure as part of Kazakhstan's announced long-term objective to reach net-zero carbon emissions by 2060. The country's ageing power infrastructure has been operating for an average of 40 years, and it is heavily reliant on coal-fired power generation. The new combined heat and power plant in the Kyzylorda region will help address the growing demand for reliable and flexible power, while balancing renewable energy and supporting coal phase out.

"We believe in the bright future of Kazakhstan, the rising star of the Central Asia. Aksa Energy is dedicated to support Kazakhstan's energy transition through

transforming its coal baseload to lower carbon footprint technologies in line with the country's net-zero agenda." said **Korkut Ozturkmen, Aksa Energy Board Member and Vice Chairman of the Executive Committee**. Mr. Ozturkmen stated that Aksa Energy's 240 MW Kyzylorda heat and power plant project is a concrete example of this intention.

**Korkut Ozturkmen** talked about Aksa Energy's new gas turbine supply contract with GE and said "We are delighted to announce that Aksa Energy has signed a contract with GE for the supply of two high-efficient GE 6F.03 gas turbines for our new 240 MW combined heat and power plant in Kyzylorda, which is a great achievement for the progress of the Project that we are targeting to become operational in 2025." **Mr. Ozturkmen** also underlined "We chose GE's technology based on the evaluation of multiple parameters such as CAPEX, OPEX, performance, delivery cycle, reliability, service as well as flexibility to meet grid operator requirements."

"GE is proud to collaborate with Aksa Energy on key infrastructure projects. We value their trust in our ability to deliver our advanced technologies for the first CHP project in Kazakhstan," said **Brice Raisin, Commercial Leader, GE Gas Power in EMEA, Europe**. "We believe that Aksa Energy's global expertise in power plant commissioning and operation complemented by GE's gas turbine technology will help meaningfully increase energy reliability and reduce emissions in the Kyzylorda region. Transitioning baseload generation fuel from carbon-intensive coal to a more efficient natural gas will help ensure grid stability as well as a better future for the people in Kazakhstan."

GE's 6F.03 turbines are known for their flexibility, turndown, and fuel performance. They draw on the best of GE's scaled H and F-Class technology, offer quick installation and have a large and diversified installed base across approximately 40 countries, with more than 200 of these units in operation globally.

This contract is the latest milestone in GE's successful, long-term collaboration in Kazakhstan. GE gas turbine technology power major oil & gas projects, including in Karachaganak, Kashagan and Tengiz regions. GE exhaust gas filtration systems



reduce carbon emissions on a number of Kazakhstan energy facilities.

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### **About GE Gas Power**

GE Gas Power is a world leader in natural gas power technology, services, and solutions. Through relentless innovation and continuous collaboration with our customers, we are providing more advanced, sustainable and efficient power that people depend on today and building the energy technologies of the future. With the world's largest installed base of gas turbines and more than 670 million operating hours across GE's installed fleet, we offer advanced technology and a level of experience that's unmatched in the industry to build, operate, and maintain leading gas power plants. For more information, visit the company's website at [www.gepower.com](http://www.gepower.com). Follow GE Power on Twitter [@GE\\_Power](https://twitter.com/GE_Power) and on LinkedIn at [GE Power](https://www.linkedin.com/company/ge-power).

GE Gas Power is part of [GE Vernova](https://www.gevernova.com), a dynamic accelerator comprised of our Power, Renewable Energy, Digital and Energy Financial Services businesses, focused on supporting customers' transformations during the global energy transition.

### **About Aksa Energy**

Established in 1997, Aksa Energy is Türkiye's largest publicly listed independent power producer. With roots dating back to the 1950s, Kazancı Holding, the major shareholder of Aksa Energy, is a global powerhouse, engaging in generation activities on 4 continents, operating in 22 countries with more than 10,000 employees and sales to 178 countries around the globe.

Aksa Energy is a global energy company operating across 7 countries with more than 2,700 MW installed capacity. The company delivers all steps internally in power plant installation procedures – from project development to procurement, construction, and installation – with its highly skilled technical teams. Aksa Energy has built and operated more than 30 power plants using various energy sources to date, including coal, fuel oil, biogas, natural gas, wind, and hydroelectric.



Aksa Energy aims to expand its global service network further and closely monitors new investment opportunities in all geographies with energy needs. In 2010, Aksa Energy's shares were listed on Borsa Istanbul under the ticker AKSEN. Aksa Energy's shares are traded on BIST 30, BIST Electricity, BIST Sustainability, BIST Corporate Governance and MSCI Turkey indices.

For more information, visit the company website at [www.aksaenerji.com.tr](http://www.aksaenerji.com.tr) and follow Aksa Energy on [LinkedIn](#).

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