



## **EXERGY: NEW CONTRACT WITH HEZ ENERJI FOR A 24 MWe GEOTHERMAL POWER PLANT IN TURKEY**

***With this new order Exergy reaches a new milestone exceeding the mark of 500 MWe total capacity in its portfolio and confirms its leadership in the geothermal market***

**Olgiate Olona (Va) - Italy, May 04, 2023 – EXERGY INTERNATIONAL**, a global provider of clean energy technology, leader in new generation geothermal ORC power plants, signed a deal with **Hez Enerji** for the supply of a **24 MWe geothermal binary plant**, the Bilecik HEZ Morali JES-1 unit, for the exploitation of the customer's geothermal field in Aydin, Turkey. The ORC power plant is planned to be delivered by Q2 of 2024 and start up is forecast before the end of 2024.

HEZ ENERJI is an energy company with 9 geothermal license areas under development in the Aydin, Manisa, Denizli, Bilecik and Nigde regions for a total of 42,434 hectares. The company started its exploration activities in 2016 and is continuing to develop its production wells with the intention of exploiting the geothermal potential of the license areas that has been estimated to be around 300 MWe of total capacity.

EXERGY will be responsible for the design, engineering and supply of the power plant. The design of the binary system consists of a cycle utilizing two Radial Outflow Turbines (ROT) of 12 MWe each and an air-cooled condensing system. The project involves the local manufacturing of the turbines and generator that will be delivered by Exergy's subsidiary company in Turkey, EXERGY TURKEY, allowing HEZ ENERJI to benefit from the Made in Turkey incentives.

The project will contribute to further raising the share of renewable energy production in Turkey, one of the top 10 countries worldwide for geothermal power generation with 1.7 GWe of installed capacity and one of the fastest growing in recent decades. Once in operation, the new HEZ Energy power plant will reduce CO<sub>2</sub> emissions associated to an equal production of fossil fuel power generation in the measure of approx. 70.000 tons/y, and contribute to reaching the country's decarbonization goals.

**Luca Pozzoni**, General Manager of EXERGY INTERNATIONAL commented: *"This new contract is a recognition of the high reliability and quality of our technology and services and our ability to serve the Turkish market."* Pozzoni continued: *"We are honored to have a new client in our geothermal portfolio, and we are sure that this will be the beginning of a long-lasting business partnership. We are committed to continue developing the geothermal power potential in Turkey."*

### **ABOUT EXERGY INTERNATIONAL SRL**

EXERGY INTERNATIONAL Srl is a leading provider of clean energy technologies. We are experts in the design, engineering and manufacturing of Organic Rankine Cycle (ORC) systems with the pioneering Radial Outflow Turbine. EXERGY's proprietary technologies, covered by several patents, allow for highly efficient energy production via the exploitation of heat sources from geothermal, waste heat from industry, biomass and concentrated solar power. The EXERGY portfolio accounts for over 500 MWe and the second largest geothermal binary fleet worldwide. EXERGY is a part of the Chinese TICA Group, a leading integrated system and service provider in HVAC. From the headquarters in the north of Italy (Milan), EXERGY exports and implements its technology worldwide with a particular focus on high growth potential markets. Website: <http://exergy-orc.com/>

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