



## **EXERGY INKS NEW DEAL WITH MAREN MARAŞ ELEKTRİK ÜRETİM A.Ş. FOR THE SUPPLY OF TWO GEOTHERMAL POWER PLANTS IN TURKEY**

**The projects, Emir and Nezihe Beren 2, will add 46 MWe of clean power capacity to Turkey's geothermal market, raising Exergy's portfolio in geothermal application to approximately 540 MWe.**

**Olgiate Olona, Varese (Italy), 6<sup>th</sup> November 2024** – Exergy International, a global provider of clean energy technology and a leader in advanced geothermal ORC power plants, has signed an agreement with **Maren Maraş Elektrik Üretim A.Ş.** for the supply of two new geothermal power plants in Turkey. Located in the Aydın region, the **33 MWe Emir GPP** and the **13 MWe Nezihe Beren 2 GPP** are expected to be commissioned by November 2025.

These two binary geothermal power plants will utilize Exergy's advanced ORC technology based on the Radial Outflow Turbine. The Emir GPP will feature a configuration with three turbines and two generators, while the Nezihe Beren 2 GPP will have one turbine and one generator. Both power plants will use air cooled condensers. Exergy's technology will harness Maren's geothermal resources at maximum efficiency and deliver clean baseload power to the local grid. The project involves the local manufacturing of the turbines, generators and other related equipment at Exergy's subsidiary in İzmir, allowing the customer to benefit from Made-in-Turkey incentives. Once in operation, the two power plants will enable saving approximately 134,000 tons of CO2 emission per year, avoiding an equivalent fossil fuel power generation.

**Luca Pozzoni, General Manager of Exergy International**, commented: "This agreement marks another significant achievement for Exergy in Turkey, a region where we have 23 geothermal power plants operational in our portfolio, with several more nearing completion. We are thrilled to expand our collaboration with Maren and further contribute to Turkey's sustainable energy goals."

**Erdogan Arpaci, General Manager of Exergy Turkey**, who personally led all activities resulting in the signature of this contract, commented: "I am highly satisfied with the signing of this new contract with one of our long-standing clients, which demonstrates the trust and reliability Exergy has established in Turkey. We have worked closely with Maren to achieve this outcome, and at Exergy we are very eager to begin the execution phase for these significant projects, which will bring an additional 46 MWe of capacity to the Turkish geothermal market."

**Kipaş Holding**, one of Turkey's most dynamic companies at the forefront of investing in the geothermal market in Turkey, is the parent company of Maren Maraş Elektrik Üretim A.Ş. The group currently operates ten geothermal power plants, three of which were supplied by Exergy. With this new order, the number of Exergy-supplied power plants will increase to five, reinforcing Exergy's long-standing collaboration with one of its important customers.

### **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 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: <https://exergy-orc.com/>

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