



**EXERGY DELIVERING MORE GREEN POWER:
A 26 MWe , A 12 MWe AND A 10 MWe GEOTHERMAL PLANTS
COME ONLINE IN TURKEY**

All power plants have obtained the Turkish Ministry Acceptance allowing the customers GreenEco Enerji, RSC Enerji and Kiper Elektrik to benefit the full national FEED in Tariff

Olgiate Olona, 09 November 2020 – EXERGY INTERNATIONAL, a leading provider of new generation geothermal binary power plants, part of the Chinese TICA Corporation, brought online three new geothermal power plants in Turkey last October. These plants are a 26 MWe for Greeneco Enerji, a 12 MWe for RSC Enerji and a 10 MWe for Kiper Elektrik.

The Greeneco Enerji project, awarded to EXERGY in late December 2019, has been completed in less than ten months. For all projects Exergy and the customers worked in great synergy, coping with all complications and tight constraints imposed by the Coronavirus pandemic outbreak during the execution of the contract, to achieve the delivery on time. This allowed the three customers to obtain the Turkish Ministry Acceptance for their plants well within the end of October thus meeting the target for benefitting the highest national Feed in Tariff thanks to local content manufacturing.

Located in Sarayköy, in the Denizli district as the previous five units, the new unit for Greeneco Enerji is a single pressure cycle equipped with two Radial Outflow turbines, employing air-cooled condensing system with a total power output of 26MWe. The scope of EXERGY's contract included the engineering, supply and site support of the power plant. This project represents the sixth repeat order from Greeneco which already counted a total of 76 MWe geothermal power plants in operation with EXERGY's technology and With this plant EXERGY will exceed the mark of 100 MWe capacity delivered to the customer.

The 12 MWe geothermal power plant for RSC Enerji is located in the Seferihisar district, close to Izmir, featuring one of the key solutions of Exergy, a two-pressure level cycle on a single turbine. This efficient and performing design was applied as a world first in 2014 for the AKCA Enerji power plant. Exergy's contract has involved the engineering, manufacturing and site advisory services of the power plant.

The third plant commissioned at the end of October is a 10 MWe unit for the customer Kiper Elektrik a subsidiary company of the Kipaş Holding Group, another repeat customer with two EXERGY's plant already in operation. With this unit the total capacity up to now delivered to Kipas reaches approx. 60 MWe. Located in the Aydin region this 10 MWe ORC unit is a two-pressure cycle equipped with one Radial Outflow Turbine and employs a water-cooled condensing system.

Albert Yam, CEO of EXERGY INTERNATIONAL commented on this double success: "The unbelievable target we were able to achieve with these projects has been possible thanks to Customers' and Exergy's team, working with collaborative efforts to get over all challenges, particularly when situations were changing fast during the growth of the global pandemic of Covid-19 and Governments imposed severe restrictions



on our activities. Yet we were able to deliver the plants on time. We thank our customers for their trust in Exergy and their support and understanding during all process. We believe in what we do, and this result is another milestone for Exergy's growth as a leading provider of sustainable energy systems in the many years to come."

EXERGY is the developer and manufacturer of Organic Rankine Cycle (ORC) systems with the pioneering Radial Outflow Turbine technology. **EXERGY's** proprietary technologies, covered by a number of patents allow for greater energy production via the exploitation of heat sources from geothermal, waste heat from industry, biomass and concentrated solar power. EXERGY portfolio counts more than 450 MWe and the second largest geothermal binary fleet worldwide. **EXERGY** is part of Chinese TICA Group a leading integrated system and service provider in HVAC. From the headquarters in the north of Italy (Milan), **EXERGY** export and implement its technology worldwide with a particular focus on high growth potential markets. Website: <http://exergy-orc.com/>

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