



EXERGY LAUNCHES U.S. OPERATIONS TO SUPPORT AMERICA'S GROWING NEED FOR CLEAN FIRM POWER

Award-winning Gemini Turbine, new Houston-based subsidiary and plans for U.S. manufacturing position Exergy to support utility-scale geothermal deployment and expand waste heat recovery opportunities across North America

HOUSTON, September 21, 2026 – Exergy International, a leading provider of Organic Rankine Cycle (ORC) power generation technology, today announced the launch of Exergy USA Inc., a new subsidiary based in Houston's Energy Corridor. The new company marks the first step in Exergy's long-term strategy to expand its presence in the United States, supporting both the rapidly growing geothermal sector and the adoption of Waste Heat Recovery (WHR) technologies across North America.

The announcement coincides with Exergy receiving the **2026 Geothermal Rising Tech Award** for its **Radial Outflow Gemini Turbine**, an innovation developed to meet the larger unit sizes and demanding operating profiles required by the emerging generation of utility-scale geothermal projects. The Geothermal Rising Tech Awards recognize technologies with the potential to reduce geothermal project costs and risks, improve efficiency and unlock new development opportunities. Exergy will receive the award during the **Honors and Awards Ceremony** at the **50th Geothermal Rising Conference** in Houston on September 22.

Together, these milestones position Exergy to help address one of the most critical challenges facing the U.S. energy sector: delivering scalable, cost-competitive and reliable clean power solutions to meet rising electricity demand driven by AI infrastructure, data centers and industrial electrification.

"America's next-generation geothermal industry is transitioning from technical validation to commercial deployment, and this shift requires flexible power conversion technologies and expanded supply chain capacity," said **Luca Pozzoni, Deputy CEO** of Exergy International. The launch of Exergy USA, the recognition of our Gemini Turbine and our investment in a robust domestic supply chain underscore our long-term commitment to the U.S. market. Exergy is bringing proven technology, engineering expertise and decades of geothermal experience to help scale a competitive domestic geothermal industry."

Gemini: a new benchmark for utility-scale geothermal power

Exergy's award-winning Gemini configuration extends the company's proprietary Radial Outflow Turbine technology to meet the requirements of large-scale geothermal developments, including Enhanced Geothermal Systems (EGS).

Capable of generating up to 60 MW with a single turbine, Gemini represents one of the largest ORC turbine configurations developed for geothermal power generation. Its larger unit size allows developers to reduce the number of turbines required, lowering plant footprint, simplifying plant design and reducing overall turbine costs compared with traditional multi-turbine configurations.



The technology builds on Exergy's proven Radial Outflow Turbine (ROT) design, with more than 60 turbines installed worldwide.

Building a U.S. platform from Houston

Exergy USA Inc. will provide a local base for business development, customer service and partnerships across the North and South America.

Its location in Houston's Energy Corridor places Exergy close to one of the world's largest concentrations of energy engineering, advanced manufacturing and oil and gas expertise. As next-generation geothermal increasingly builds on technologies and skills developed in the O&G sector, Houston has become a natural hub for the industry's next phase of growth.

The new subsidiary represents the first phase of a broader U.S. expansion strategy. Exergy is also planning the gradual localization of manufacturing for key power plant components, including turbine systems. Potential manufacturing locations have already been identified through sites available within Exergy's wider industrial group. The initiative is intended to create a resilient domestic supply chain, reduce equipment lead times, support local content requirements and provide closer technical support to U.S. customers.

Global experience for a fast-growing U.S. market

Exergy has approximately 600 MW of installed capacity worldwide, including around 550 MW in geothermal applications, bringing experience from projects across multiple geographies and resource conditions.

Through Exergy USA Inc., the company will pursue growth opportunities across the Americas with a dual focus on geothermal power generation and Waste Heat Recovery applications. In geothermal, Exergy will support next-generation utility-scale projects while in WHR, the company sees significant opportunities across industrial facilities and emerging data center infrastructure, where ORC technology can convert otherwise wasted thermal energy into valuable electricity.

"Our objective is to make ORC solutions an increasingly scalable, repeatable and competitive source of clean power in the United States," added **Luca Pozzoni**. "As energy demand continues to grow, we see significant opportunities to improve efficiency, reduce energy costs and support decarbonization through both geothermal and waste heat recovery applications."

ABOUT EXERGY INTERNATIONAL SRL

Exergy International Srl is a global provider of clean energy technologies and a leader in the design, engineering and manufacturing of Organic Rankine Cycle (ORC) systems featuring its proprietary Radial Outflow Turbine. Exergy technologies enable highly efficient power generation from geothermal resources, industrial waste heat, biomass and concentrated solar power. With approximately 600 MWe of installed ORC capacity worldwide, including around 550 MW in geothermal applications, Exergy operates one of the world's largest geothermal binary fleets. In 2024, the company expanded its portfolio with the launch of the X-Heat range of industrial heat pumps. Headquartered near Milan, Italy, Exergy serves international markets through a growing global presence, including subsidiaries in Izmir, Türkiye; Houston, USA; and Nairobi, Kenya. For more information, visit www.exergyint.com.

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