



SAIHEAT LIMITED Secures Patent for “Waste Heat Recovery System and Method”, Deepening in Chip Cooling Waste Heat Recovery Field and Empowering Green Development and R&D Upgrade with Technological Innovation

November 17, 2025

SINGAPORE, Nov. 17, 2025 (GLOBE NEWSWIRE) -- SAIHEAT Limited (“SAIHEAT” or the “Company”) (NASDAQ: SAIH), is pleased to announce that it has secured the patent for “Waste Heat Recovery System and Method”.

This innovation focuses on the waste heat recovery and utilization field, aiming at the industry pain point where mainstream server or chip cooling solutions directly discharge a large amount of heat carried by the cooling medium, resulting in significant energy waste. This innovation innovatively constructs a system architecture consisting of a heat generation end, a waste heat utilization end, a cooling end, and a control end, where the control end precisely adjusts the distribution ratio of the heat carried by the cooling medium between the waste heat utilization end and the cooling end by changing the opening degrees of the two valves, realizing the efficient recovery and utilization of waste heat from the heat generation end and greatly improving energy utilization efficiency.

SAIHEAT has always positioned technological innovation as its core strategy, increasing research and development (R&D) investment and building a professional R&D team to achieve technological breakthroughs in cutting-edge fields such as waste heat recovery. The grant of this patent stands as compelling evidence of SAIHEAT's efforts to reduce energy waste and carbon emissions through waste heat recovery, contributing to green and low-carbon development and fulfilling its ESG responsibilities. Going forward, SAIHEAT will continue to deepen technological research and development, constantly enhance its technical capabilities, leverage innovation to drive improvements of energy utilization efficiency in the industry, and contribute greater corporate value toward its ESG responsibilities.

About SAIHEAT

SAIHEAT (NASDAQ: SAIH) is a global distributed computing power operator. By leveraging a modular computing power system, we help energy owners address the issues of local energy consumption and efficient resource utilization. The company provides BTC cloud mining services by joint computing power, as well as energy digitization and monetarization solutions for energy asset owners. These technologies contribute to reducing the carbon footprint and provides innovative solutions for energy enterprises. For more information on SAIHEAT, please visit: <https://www.saiheat.com>.

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