Tark Thermal Solutions Expands U.S. Manufacturing Operation with New Global Thermoelectric Technology Center

A $5.5 million investment dedicated to manufacturing and R&D to support growing demand across optoelectronics, sensor system and other high-growth markets.



DURHAM, NC, UNITED STATES, September 15, 2026 / EINPresswire.com/ -- Tark Thermal Solutions (TTS), a global provider of innovative active thermal management solutions, is expanding its manufacturing, engineering and testing capabilities for thermoelectric components and systems in North Carolina with a move to a new facility in Durham, North Carolina, which will serve as TTS' Global Thermoelectric Technology Center.

> With this investment, we are strengthening our ability to develop solutions faster, scale with customer programs and support the next generation of applications across our key markets."
>
> *Max Kley, CEO of Tark Thermal Solutions*

The $5.5 million investment will more than double TTS' US production space for thermoelectric components, allowing TTS to support rapidly growing customer programs and increasing demand across its strategic high-technology markets in North America. JLL, a leading global commercial real estate services and investment management company, advised TTS on the transaction and facilitated the lease for the new facility.

The new facility will provide expanded infrastructure for manufacturing, engineering, product development and testing, enabling TTS to increase production capacity, accelerate development activities and support customers as their programs move from initial engineering and validation through production. The investment includes controlled environment rooms for highly automated semiconductor manufacturing processes as well as advanced

prototyping and testing capabilities within TTS' Global Thermoelectric Technology Center.



The expansion supports TTS' continued growth across the Medical, Life Sciences / Analytics, Telecommunications, and Data Center markets, where increasing power densities, system complexity and performance requirements create new thermal management challenges. Thermoelectric components are a key technology for the cooling of optical transceivers, a crucial building block of high-speed data networks, and other optoelectronic systems as well as advanced sensor solutions for material analysis systems or autonomous vehicles.

"The North American region is one of the most dynamic and innovative markets for advanced technology solutions in our core strategic markets. Our customers are developing increasingly complex and higher-performing systems, and thermal management is critical to their success," said Max Kley, CEO of Tark Thermal Solutions. "This investment is about making sure we continue to grow alongside them. By expanding our manufacturing, engineering and testing capabilities, we are strengthening our ability to develop solutions faster, scale with customer programs and support the next generation of applications across our key markets."

"TTS' new space is a strategic investment in the company's future, giving it the flexibility and manufacturing capacity to support its impressive growth trajectory," said JLL's Managing Director Michael Morgan. "The move to TBC, a life sciences campus in Durham, North Carolina, will allow TTS to create an environment tailored to its specific operational needs while maintaining a presence in one of the country's most established hubs for innovation, research and advanced manufacturing."

"This expansion gives us the additional manufacturing and R&D capacity we need to support new and growing customer programs," said Matthew Veety, General Manager at Tark Thermal Solutions. "An increase in production and in R&D space gives us room to take on the programs our customers are asking us for, and the layout is built around how the work flows; it is designed for increased production capacity and efficiency. Combined with reduced utility costs through higher-efficiency electrical infrastructure and modernized climate control, we free up capital that can be reinvested in the business while we grow our support for customers in North America and Europe."

The new operation will be located in close proximity to the Research Triangle Park in Durham.

The facility will provide TTS with a purpose-built environment for production, R&D, laboratory and office activities, with construction expected to be completed in January 2027 and operations transitioning to the new location shortly afterward. Expanding in the Durham area provides TTS with access to one of the leading U.S. hubs for innovation, research and advanced manufacturing, preserving proximity to the talent, suppliers and research institutions that support long-term growth.

About Tark Thermal Solutions
Tark Thermal Solutions provides innovative thermal management solutions for demanding applications across the Medical, Lifesciences, Industrial, Optoelectronics, Transportation and Data Center markets. With a broad portfolio spanning thermoelectric technologies, temperature control, specialty pumps, and liquid cooling systems, TTS works with customers to solve complex thermal challenges from product development through production.
For more information, visit Tark Thermal Solutions at www.tark-solutions.com.

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