



Magnaera Enters Cooperative Research and Development Agreement with Army Research Laboratory to Advance Next-Generation Battery Separator Technology

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CHARLOTTE, N.C., Oct. 13, 2026 (GLOBE NEWSWIRE) -- Magnera today announced it has entered into a Cooperative Research and Development Agreement (CRADA) with the U.S. Army Combat Capabilities Development Command Army Research Laboratory to evaluate and advance next-generation battery separator technologies, supporting evolving energy requirements across defense, critical infrastructure, and commercial applications.

The collaboration will leverage Magnera's OmniSep™ platform, an advanced separator technology engineered to enhance battery performance, safety, and reliability in demanding operating environments. Designed with high ionic conductivity, superior electrolyte wettability, and enhanced thermal stability¹, OmniSep™ supports the power, efficiency, and safety requirements of next-generation battery systems.

The initiative aligns with the Department of War's growing emphasis on resilient energy, electrification, and assured power for distributed and contested operations. As the military deploys increasingly power-intensive capabilities, including autonomous systems, ISR platforms, electronic warfare, counter-UAS technologies, resilient communications, and directed energy systems, the need for safe, high-performance energy storage continues to grow. Advances in separator technology could help extend operational endurance, enhance system performance, improve safety, and reduce logistical burdens across a broad range of current and future defense applications.

"Energy resilience and advanced battery technologies will play an increasingly important role in national security, infrastructure modernization, and the future of mobility," said Curt Begle, Chief Executive Officer of Magnera. "This collaboration is an investment in technologies that can enable the next generation of energy storage solutions. By combining the Army Research Laboratory's research capabilities with Magnera's advanced materials expertise, we have the opportunity to accelerate innovations with potential impact across defense, critical infrastructure, and commercial markets."

Designed and manufactured in the United States, OmniSep™ reflects Magnera's commitment to strengthening the nation's advanced manufacturing and materials ecosystem. Leveraging domestic production capabilities and U.S.-sourced raw materials, the platform supports secure, resilient supply chains for mission-critical energy storage technologies while reinforcing American industrial competitiveness.

¹ Based on internal testing

About Magnera

Magnaera Corporation (NYSE: MAGN) serves 1,000+ customers worldwide, offering a wide range of material solutions, including components for absorbent hygiene products, protective apparel, wipes, specialty building and construction products, and products serving the food and beverage industry. Operating across 44 global production facilities, Magnera is supported by 8,000+ employees.

Magnaera's purpose is to better the world with new possibilities made real. For more than 160 years, the company has delivered the material solutions its partners need to thrive. Through economic upheaval, global pandemics and changing end-user needs, Magnera has consistently found ways to solve problems and exceed expectations. The distinct scale and comprehensive portfolio of Magnera's products bring customers more materials and choices. Magnera builds personal partnerships that withstand an ever-changing world.

Forward-Looking Statements

Information included or incorporated by reference in Magnera Corporation's filings with the U.S. Securities and Exchange Commission (the "SEC") and press releases or other public statements contain or may contain "forward-looking" statements within the meaning of the federal securities laws and are presented pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Such "forward-looking" statements include, but are not limited to, statements with respect to our financial condition, results of operations and business, our expectations or beliefs concerning future events, statements about future financial and operating results, the company's plans, objectives, expectations and intentions and other statements that are not historical facts. These statements contain words such as "believes," "expects," "may," "will," "should," "would," "could," "seeks," "approximately," "intends," "plans," "estimates," "projects," "outlook," "anticipates," or "looking forward" or similar expressions that

relate to our strategy, plans, intentions or expectations. All statements we make relating to our estimated and projected earnings, margins, costs, expenditures, cash flows, growth rates, and financial results or to our expectations regarding future industry trends are forward-looking statements. In addition, we, through our senior management, from time to time make forward-looking public statements concerning our expected future operations and performance and other developments. These forward-looking statements are based upon the current beliefs and expectations of the management of Magnera and are subject to risks and uncertainties that may change at any time, and, therefore, our actual results may differ materially from those that we expected. Additional information regarding these risks and uncertainties and other risks applicable to our business are described in additional detail in our reports filed with the Securities and Exchange Commission (the "SEC"), including our Annual Report on Form 10-K for the fiscal year ended September 27, 2025, and other filings that we make with the SEC. These risk factors may not contain all of the material factors that are important to you. New factors may emerge from time to time, and it is not possible to either predict new factors or assess the potential effect of any such new factors. Accordingly, readers should not place undue reliance on those statements. All forward-looking statements are based upon information available as of the date hereof. All forward-looking statements are made only as of the date hereof, and we undertake no obligation to publicly update or revise any forward-looking statements as a result of new information, future events, or otherwise, except as otherwise required by law.

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