

## EnergyX Achieves Breakthrough Milestone for Solid-State, Lithium Metal Battery

**AUSTIN, TX: November 15, 2023** -- Energy Exploration Technologies Inc. ([EnergyX](https://www.energyx.com)) has made a significant breakthrough in its SoLiS™ battery initiative. Founded in 2018 by CEO Teague Egan, EnergyX has developed early prototypes, and is now scaling its high-energy-density, lithium metal anode batteries. EnergyX SoLiS™ batteries are safer, longer-lasting, cheaper to make, and hold promise to scale. When commercialized, they will offer a revolutionary alternative to lithium-ion batteries.

Led by recent [Forbes 30 under 30](#), EnergyX VP of Battery Technology Dr. Nicholas Grundish and his team have developed new solid electrolytes with unparalleled material qualities, making them a prime candidate for all-solid-state batteries that will trump the performance of current lithium-ion technology. While still in the development cycle, batteries constructed with these materials have exceeded 600 cycles. These solid electrolytes have extraordinary properties including high conductivity. Not only that, the materials are extremely cost-effective and simple to process.

“We all know the shortcomings of lithium-ion batteries,” says Dr. Grundish, “they don’t hold a charge for long enough, have short lives, are relatively expensive to produce, and - under the wrong conditions - can be highly unstable. EnergyX SoLiS™ batteries have shown great promise mitigating these concerns. Soon we will look to power the electric vehicle industry.”

The company is aiming to produce safe lithium metal batteries that can exceed 1000 cycles in the next few years. The company is confident that a solid state, lithium metal battery derived from EnergyX’s discovery could power an electric vehicle for about 500,000 miles and 600+ miles per charge. Batteries with these capabilities will make EVs more affordable, and accelerate the green energy transition.

“We launched just over four years ago with the idea of having a positive impact on the lithium sector, and the wider global transition to low-carbon technologies,” says EnergyX CEO Teague Egan, “I’m proud to say that we are well on track to meet that goal. EnergyX is providing opportunities that ensure that the lithium needed for this transition is sustainable and responsibly managed from brine to battery.”

**About EnergyX:** Energy Exploration Technologies is an American leader in the global energy transition. Founded in 2018, the company is fundamentally changing the way humanity is powering our world and storing clean energy with breakthrough direct lithium extraction and refinery technologies, the [LiTAS™](#) portfolio, as well as more effective battery and energy storage solutions, the [SoLiS™](#) initiative. To date, EnergyX is approaching 100 patents and patent

applications covering all aspects of its breakthrough technologies. More information on EnergyX can be found at [energyx.com](http://energyx.com).

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