

# EnergyX Commercializes Cleantech Materials Manufacturing for U.S. Lithium Supply Chain and Direct Air Carbon Capture

**AUSTIN, TX - February 18, 2026** — EnergyX, the U.S.-based critical mineral and clean energy company founded by CEO Teague Egan, today announced that its advanced materials manufacturing is now operational with the commissioning of one of the largest roll-to-roll membrane production machines in North America at its Austin, TX facility.

The milestone brings critical process manufacturing onto American shores, strengthens the underlying technology needed for domestic lithium supply, and establishes a scalable platform serving alternative high-growth clean energy markets including desalination, carbon capture, and advanced industrial manufacturing.

With the facility now live, EnergyX can internally produce a core component of its GET-Lit™ lithium separation technology portfolio at industrial scale. Producing up to 500,000 square meters of ion exchange membranes per year, this in-house capability reduces EnergyX's reliance on overseas suppliers and production lead times.

“Our vision at EnergyX is to vertically integrate as much of our critical supply chain as possible,” states EnergyX Founder & CEO Teague Egan. “We need to control the production of the actual consumables that enable our breakthrough lithium extraction and recovery process. It’s also very convenient that these proprietary membranes are applicable and extremely sought after in the carbon capture and other rapidly growing markets.”

As global demand for lithium and advanced separation technologies accelerates, EnergyX's vertically integrated supply chain reduces exposure to geopolitical risk, logistics constraints, and supplier volatility. Underpinned by proprietary processes, chemistries, and trade-secret manufacturing workflows that raise barriers to entry and lock in long-term cost and performance advantages, the company expects this approach to lower execution costs for its flagship U.S. lithium development, Project Lonestar Lithium™ by an estimated \$10M compared to sourcing from third parties.

EnergyX is positioning itself as an energy technology and critical materials manufacturing platform company, extending beyond lithium into additional high-growth industrial and infrastructure applications such as the nuclear materials supply chain, expanded battery materials supply chain, industrial decarbonization, and water desalination infrastructure.

First commercial sales with customers across multiple verticals have already taken place, and the company is projecting over \$100M in sales over the next 5 years. Deliveries of its first commercial membrane and equipment sales are expected in Q1 2026, supported by an expanding pipeline of material and equipment opportunities. Together, the ion exchange membrane and electro dialysis systems market represent a projected \$7.5B by 2035, positioning EnergyX to capture value across these advanced materials and integrated systems.

### About EnergyX

EnergyX is a U.S.-based energy and cleantech company developing advanced materials, manufacturing platforms, and large-scale projects to secure the domestic lithium supply chain and enable the next generation of clean energy and industrial infrastructure.

