

The Future of Safe, Stable, Dense Energy Storage



Unlock high-temperature energy delivery with a rapid payback period

Navigate the complex energy challenges in industrial process applications. Our innovative technology is designed to address rising carbon costs and the need for dense, safe energy storage. Enable safe operations, long-duration energy storage, cost reductions up to 50%, and decarbonizing towards zero emissions, all while stabilizing your energy supply.

Harness the Power of Iron for Energy Storage



How Our Technology Works

Our proprietary iron reactor unlocks stored energy from iron, delivering hot air up to 900C.

It stabilizes energy availability amidst fluctuating supply and demand, ensuring consistent access to energy and cost-effectiveness.



Why Iron?

- Unbeatable energy density.
- Stable & Safe.
- Built for the long haul.
- Affordable & Abundant.
- High-temperature delivery.

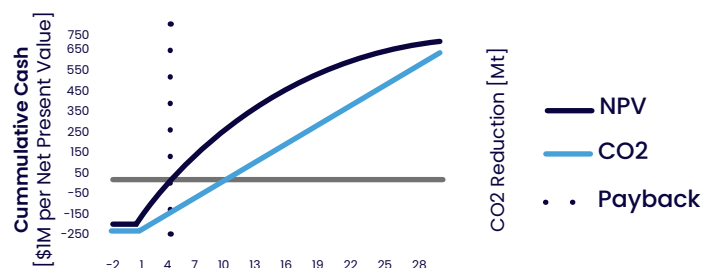
How FeX Energy is Different

	FeX ENERGY	Thermal Storage	SMR	H ₂	Li Battery	Nat Gas + CCUS
Delivers energy at high temperatures (Up to 900°C)	✓	✓	✓	✓	✓	✓
Economics in Long-Duration Storage (CAPEX as low as \$25/kWh)	✓	✓		✓	✓	
GHG-free energy (Fully decarbonized)	✓	✓	✓	✓	✓	
Fit for Long-duration storage (Unlimited time between discharges, without losses)	✓		✓			
Energy Dense (Fit for space- constrained or brown-field applications)	✓					
Safe (No toxicity, volatility, corrosivity, or explosion risk)	✓	✓				

Optimize your Payback Period

Reduce Operational Expenses by 50%.

Enjoy a 3.5-Year Payback Period.



Work with Us

Powered by leading climate tech venture firm BXVentures and the world-renowned McGill University Alternative Fuels lab, our team would be happy to discuss how we can work together.

Reach out to hayden.smith@fexenergy.com
Or visit us at: fexenergy.com