



# SKIPTECH

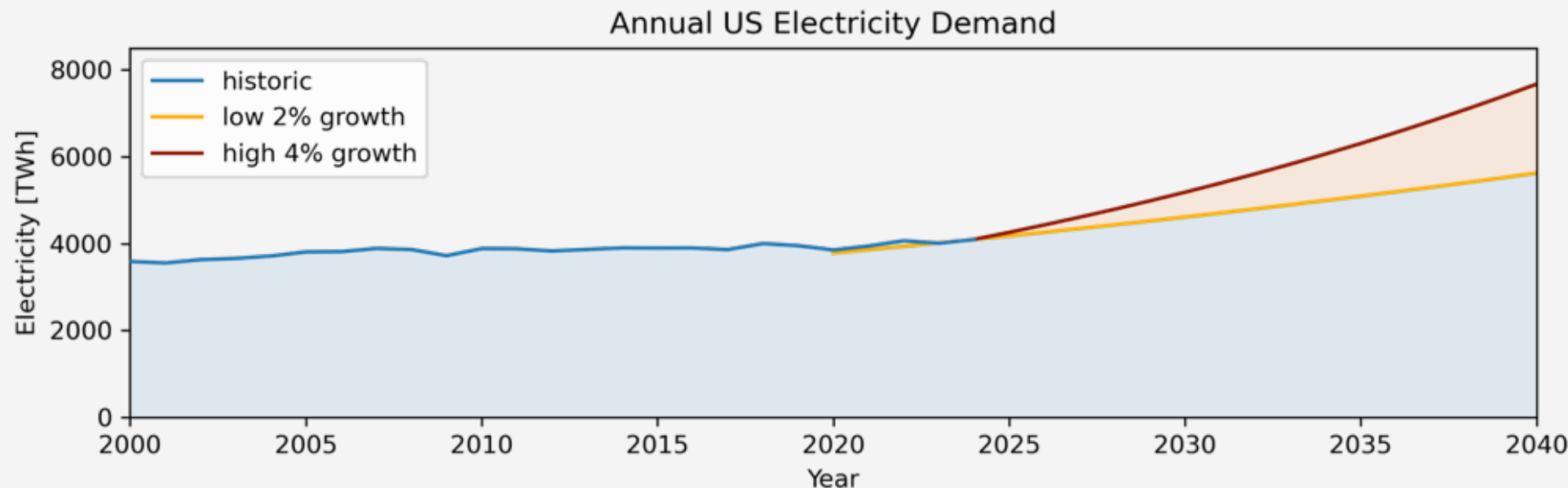
FOR ENERGY SECURITY AND SAFETY



**\$5M Seed financing**  
**\$2M closed to date**

# The Urgent Need for Energy Storage

Demand for electricity is growing faster than supply

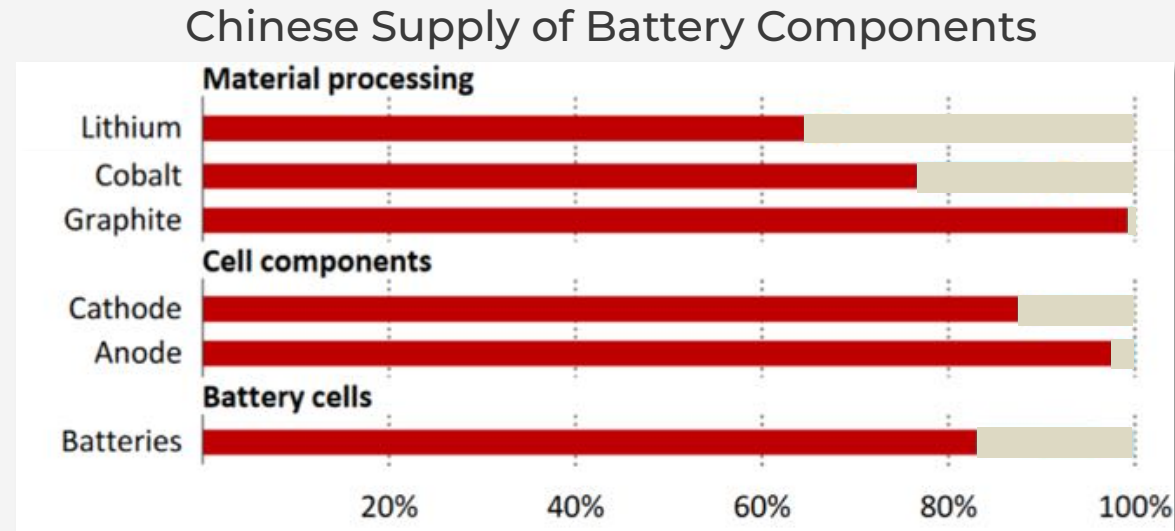


- New data centers are being blocked due to power demands while natural gas turbines currently have a 5-year lead time
- **Long Duration Energy Storage (LDES)** time-shifts energy to match production with demand and provides energy resilience
- Solar power with paired with LDES is the fastest, most cost-effective way to meet growing electricity demand

# Energy Safety and Security

**A safe, domestically produced long duration energy storage alternative is needed**

- Lithium-ion batteries lack the flexibility and duration to fully address market needs and have significant safety issues



International Energy Agency (IEA) - Batteries and secure energy transitions

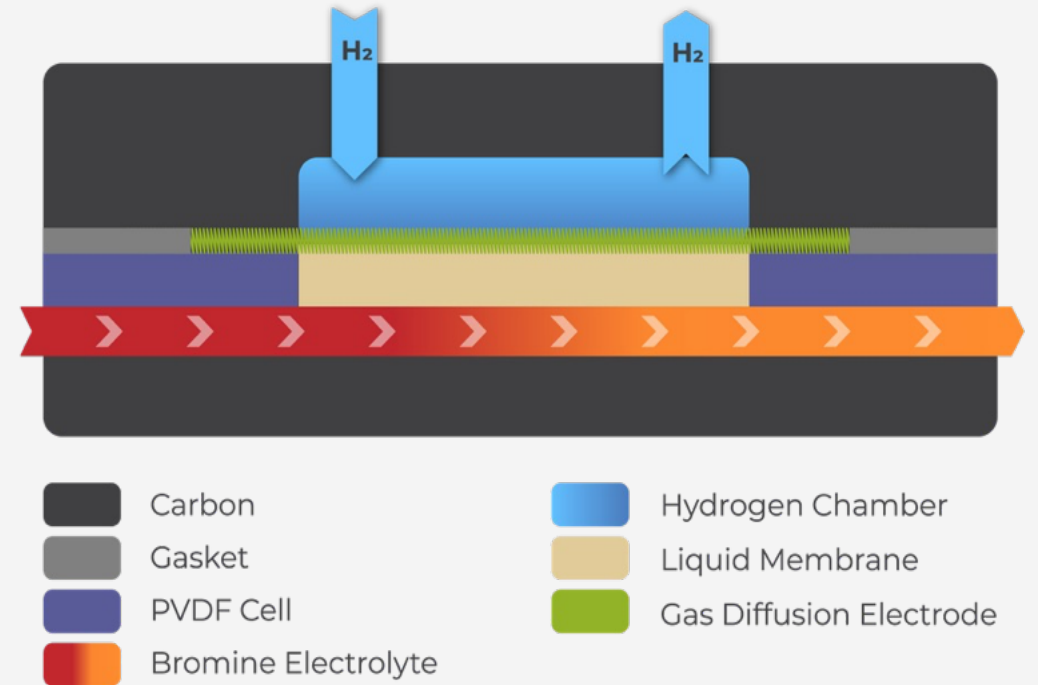
- Reliance on Chinese lithium raises supply chain and national security concerns
- Domestic energy storage alternatives have yet to prove commercial viability

# The Skip Technology Battery

The next generation of Hydrogen-Bromine flow batteries

We will provide commercial & industrial, defense, and utility-scale customers with 10+ hours of safe, domestically produced energy storage

- ✓ Patent-pending cell design
- ✓ Fully domestic
- ✓ Durable and safe
- ✓ Fully decoupled power and energy
- ✓ Energy density on the landscape on par with lithium



Generalized Hydrogen-Bromine flow battery design

# Battery System Specifications

A range of battery sizes available with scalable energy storage

- **Power and energy are fully independent.** System duration determined by customer requirements.
- 100kW units will be housed in 20ft shipping containers.
- Agreements in place for initial unit sales starting in 2026.

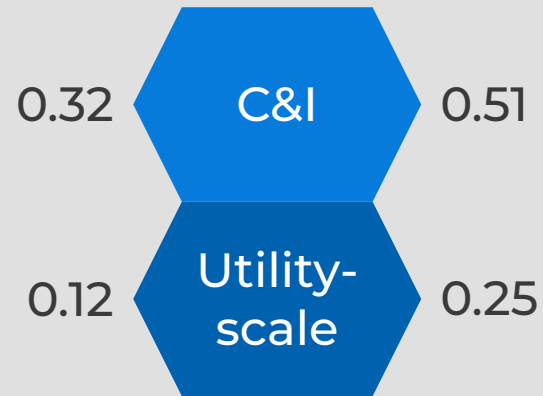


System Size (Power)	2kW	5kW	10kW	100kW
System Duration (Base)	10hr	10hr	10hr	10hr
Energy Storage (Base)	20kWh	50kWh	100kWh	1MWh
Unit Footprint	16 ft <sup>2</sup>	48 ft <sup>2</sup>	80 ft <sup>2</sup>	160 ft <sup>2</sup>
Commercial Launch Date	Q4 2026	Q2 2027	Q3 2027	Q2 2028

# Low Levelized Cost of Storage

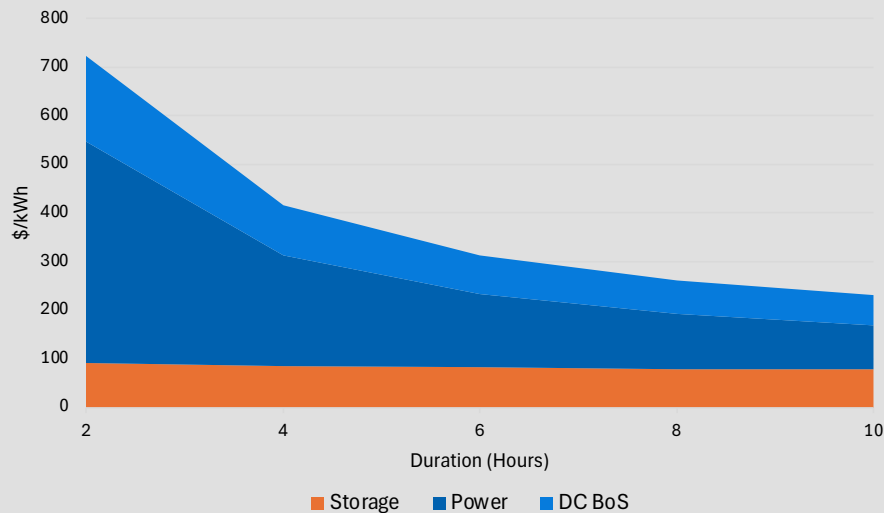
Low production costs enable high margins within 5 years

LCOS Range by Segment (\$/kWh)



Levelized Cost of Storage (LCOS) accounts for all costs and energy usage of a project lifetime

Cost Breakdown by Duration (100kW)



- Average utility-scale battery system price in 2024 was **\$279.5/kWh**.
- Production costs for our 100kW/1MWh systems drop below DOE target of **\$100/kWh** within 5 years. LCOS would drop below **\$0.10/kWh**.
- We are targeting production costs of **\$230/kWh** for early commercial systems. LCOS would be approximately **\$0.14/kWh**.

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- Skip Tech cost advantage comes at longer durations due to power and energy scaling independently.
  - Longer durations are achieved by increasing fuel tank size while power costs are unchanged.

# The Skip Technology Team

Our team has the experience and expertise needed to deliver a world changing technology



Brian L. Bishop, P.E.  
CEO

Over 30 years of engineering, **product development** and management experience in a variety of electronics-focused businesses. As CEO of Gold Heat, Brian led an 8-figure sale to a horizontal integration buyer.



Ben Brown, PhD  
President, Co-founder

A leading expert in **fluid dynamics**. Ben developed the Dedalus Project, which is a widely used open-source framework for solving partial differential equations. This framework powers our modeling efforts.



Madisen McCleary, PhD  
Lab Director

A mechanical engineer and **materials scientist**. Madisen is an expert in fuel cells, corrosion studies, coating technologies and material design & manufacturing.



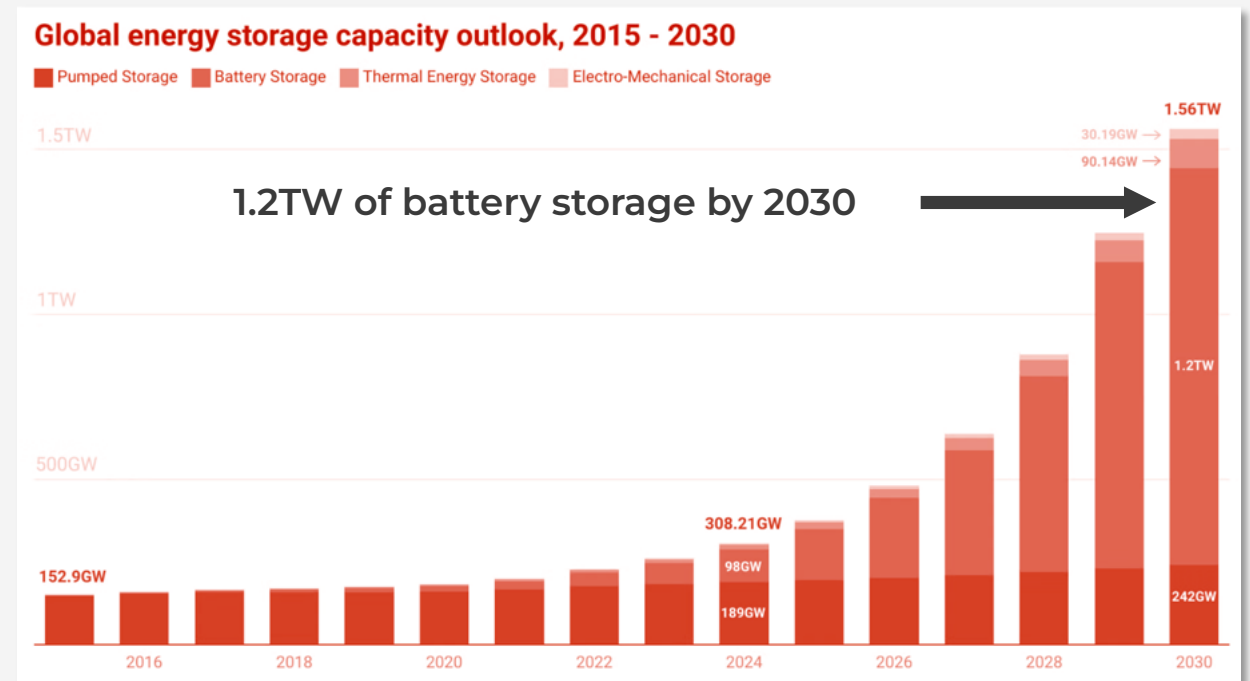
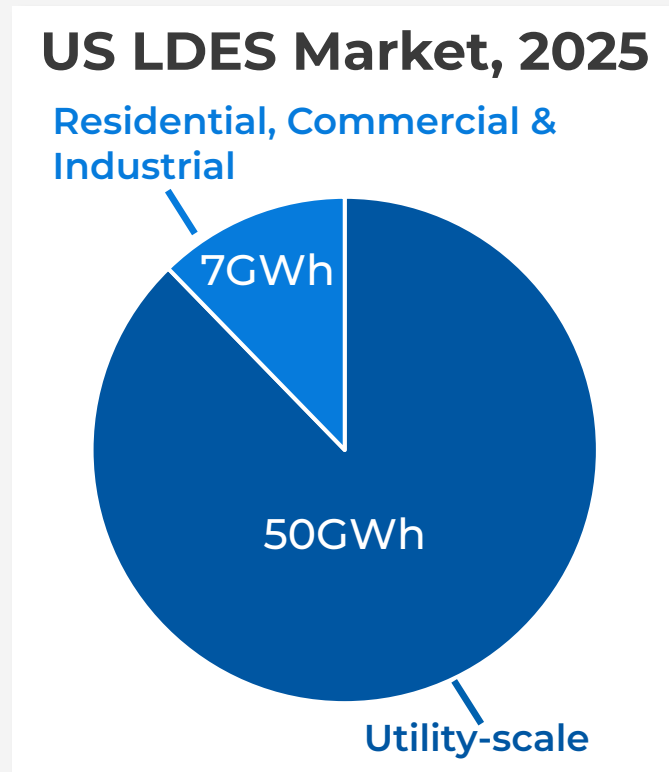
Karana Dunn  
Lead Scientist

An **electrochemist** with 6 years of experience in semiconductors and battery testing, optimization, construction, and data analysis.

# US and Global LDES Markets

LDES market is large and poised for over 10x growth in the next 5-10 years

- McKinsey estimates global investment in LDES of **\$1.5-3 Trillion** by 2040
- In the US, 57GWh of storage deployed in 2025 with **\$25B** in energy storage capital investment
- Over 238GWh projected to be deployed in US from 2026-2029



Source: GlobalData

# Target Markets

Focus on key areas of differentiation: Safety, Security, and Duration

## Initial Markets: C&I and Defense



- Early customers for 2, 5 & 10kW units
- Rural C&I, EV charging stations, event venues and more
- Enabling technology for a range of military applications
- We have a purchase order for 10 2kW units for 2026 and two signed letters of intent







## Next Markets: Utility-scale



- Allows data centers to deploy quickly
- Provides energy resilience across grid
- Smaller installations require 10-100MWh of storage; hyperscaler AI data center would require over 1GWh of storage (1000s of our 100kW units)

# Competitor Landscape

No alternative can match the Skip Technology battery across key performance metrics

	 Skip Tech	 Li Ion	 Iron Flow	 Vanadium	 Iron Air	 Zinc Bromine
Energy density	+	✓	-	+	✗	-
Wide temperature operating range	✓	-	✓	-	-	✓
Domestic supply chain	✓	✗	-	✗	✓	✓
Low risk of self-ignition	✓	✗	✓	✓	✓	✓
Cost to produce	+	✓	✗	✗	-	+
Technology Readiness Level (TRL)	4	9	7	8	7	7

✓ Excellent

+ Good

- Acceptable

✗ Poor

- Form Energy just signed a \$1B contract with Google to provide batteries for a data center despite having no finished commercial installations
- We anticipate energy density that is 20-50x higher with a significant advantage in round-trip efficiency (RTE), making our battery superior for most deployments

# Transitioning from R&D to Product

Key recent breakthroughs in our technology as we prepare for 2026 commercial launch

## Technical Progress Since April 2025:

- **Power Density:** 6x increase
- **RTE:** Significant improvements in power cell round-trip efficiency (RTE)
- **Cost:** Significant cost reductions

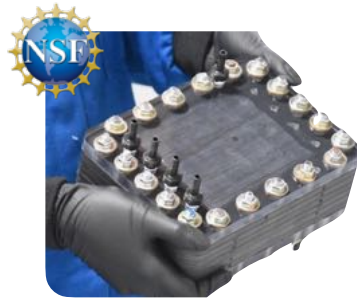
System now exceeds targets for commercialization for each of these key metrics

2024



Skip Tech Bench Top Battery

Q1 2025



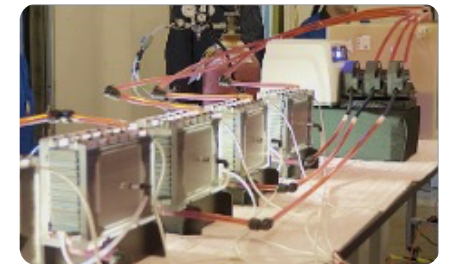
2<sup>nd</sup> Gen Stack

Q2 2025



3<sup>rd</sup> Gen 4-Cell Stack

Q4 2025



4<sup>th</sup> Gen 10-Cell Stack Demo

# A Multibillion-Dollar Opportunity

A huge global market and a transformative technology are now within reach



Urgent demand for power for data centers driven by AI investment



Recent trade disruptions and geopolitical events have underscored need for domestically produced energy storage



Advances in materials science and our laminar flow membrane make Hydrogen-Bromine batteries commercially viable for the first time

# Current Financing

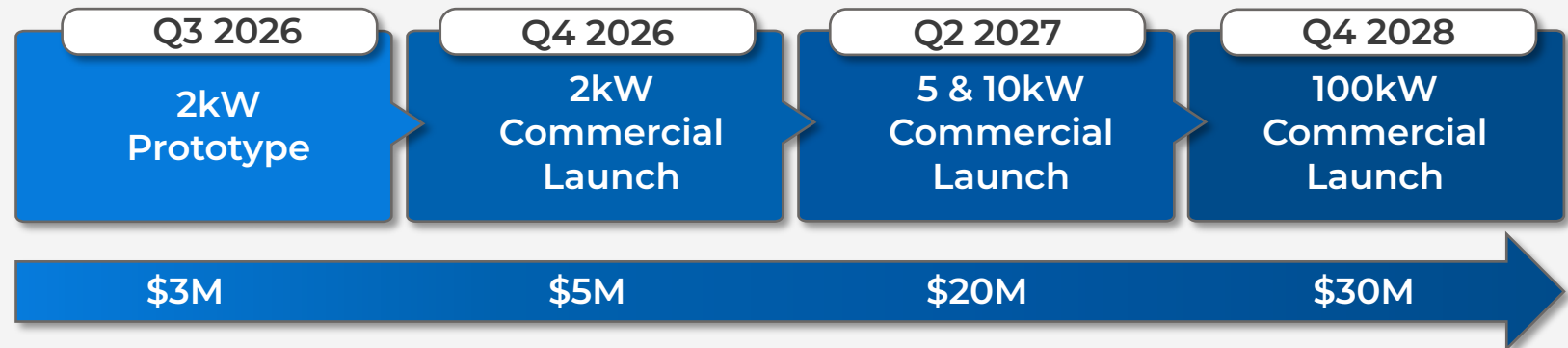
We are raising \$5M to accelerate our product development

- **\$5M Priced round:** Stock Purchase Agreement, pre-money valuation of \$20.5M. \$2M raised as of Dec 2025.
- Remaining \$3M in round takes us to field-deployed prototype.

## Future Financing

- **\$20-30M Series A:** Takes us to commercial production with mid-scale (10kW) systems. Planned for 2026. Expected to be split into two tranches.
- **Exit strategy:** Acquisition by a strategic acquirer, including other companies operating in the LDES space or adjacent power sector companies. Projected in 2-5 years.

### Commercial Launch Roadmap



# THANK YOU!

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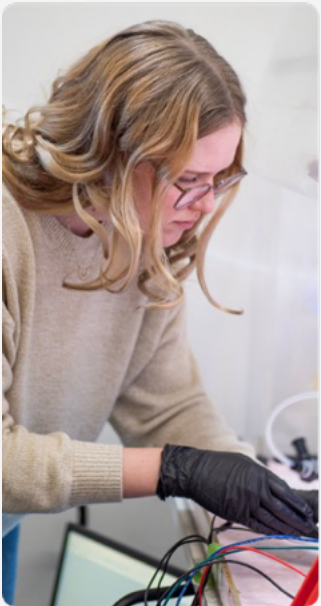
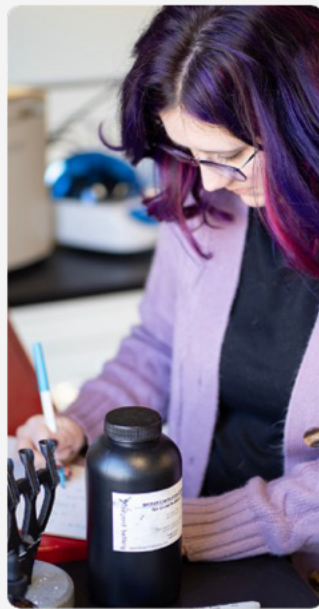
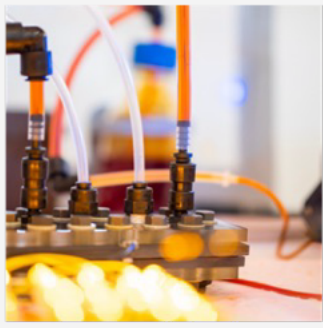


[www.skiptechnology.com](http://www.skiptechnology.com)



[/skiptechnology](https://www.linkedin.com/company/skiptechnology)





# Appendix

# Early Customers and Sales Channel Partners



- **Puyallup Tribal Enterprises (PTE):** will purchase first 10 units, sales to other tribal nations



- **Photon Marine:** Will use units as part of shore-side charging stations for EV boats. Puget Sound, Alaska and west coast



- **EnergyTwo:** High-end EV charging stations for premium markets and ski areas. Demand for 200+ units in Tahoe, plus expansion plans throughout mountain west and east coast

## Next stage customers and sales channel partners



- **GridStor:** Portland headquartered utility-scale integrator. Projects in the 60 to 200 MW range, in CA and TX.

# Funding Comparison

Numerous battery startups have received significant funding

<b>Antora</b> Thermal 2017-Current	Raised \$150M in a Series B in 2024 with a pre-money valuation of \$350M, raised \$72M in debt in 2025. Had previously raised a total of \$95M from grants, debt, and equity.
<b>Enervenue</b> Metal-Hydrogen 2020-Current	Raised \$12M in seed round, \$125M in Series A, \$308M in Series B.
<b>EOS</b> Zinc-bromine 2008-Current	Has raised over \$1.5B in debt and equity. Deployed 18kWh system 11/2014, 24 and 80kWh systems in 2015 having previously raised \$43M. Went public via SPAC in 2021, raising \$210M with a pre-money valuation of \$318M. Has since raised \$631M from debt and \$631M from equity. Market cap \$1.49B as of 3/30/2026.
<b>ESS Inc.</b> Iron-water 2012-Current	Went public via SPAC in 2021 in \$1.07B deal, raising \$465M in net proceeds. Had previously raised \$71M. Market cap \$30M as of 3/30/2026.
<b>Form Energy</b> Iron-air 2017-Current	Raised a total of \$1.4B. Raised \$9M off preliminary proof of concept, \$126M before building first full-scale cell stack. Raised \$816M before building their first grid-connected system
<b>Invinity</b> Vanadium 2020-Current	Formed by merger of Avalon Battery and RedT, valued at \$71M. Has since raised \$222M from equity.
<b>EnStorage</b> Hydrogen-bromine 2008-2017	Series A in 2008. Raised \$17M by 2010, plus undisclosed amounts in 2012 and 2015 and a \$1M grant in 2014. Built 1MW/2MWh pilot system in 2013 off \$17M+ in investment. Ceased operations in 2017.