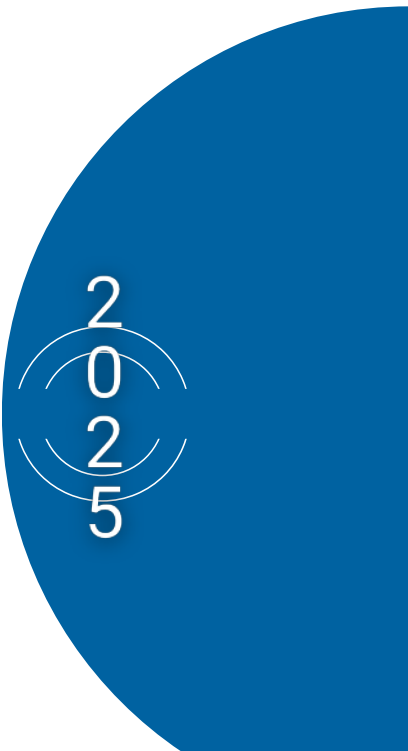




**GRIDFLOW**



**THE WORLD'S FIRST  
LITHIUM-SULFUR  
FLOW BATTERY**



2025



# ABOUT LI-S FLOW BATTERIES



GridFlow's lithium-sulfur (Li-S) flow battery is a next-generation energy storage system that separates sulfur into a liquid reservoir capable of providing electricity for 20 or more hours for safer, longer-lasting, and more affordable energy storage.

Successfully operated over 1,500 light-duty cycles at extreme temperatures over 50°C (122°F) and as low as -5°C (23°F).

## UNLOCK 10x MORE POTENTIAL

### ENHANCED SAFETY

Reduces chemical fire risk with novel battery architecture that physically separates battery components.

### HIGHER ENERGY DENSITY

Enables 10x energy density with a flow design providing 120 kWh per module, far surpassing standard Li-ion power walls that produce 13.5 kWh.

### MORE AFFORDABLE

Utilizes abundant, cost-effective materials which keeps battery costs low while still maximizing capacity.



# REIMAGINING ENERGY PRODUCTION AND STORAGE

The U.S. aims for a carbon-free power sector by 2030 and net-zero federal operations by 2050. As adoption of renewables continues to grow, energy generation will fluctuate more, creating supply-demand imbalances that strain an aging electric grid. Existing storage technology is too expensive, unsafe, and inefficient to keep up.

RESIDENTIAL

**90 MILLION**

Detached homes in the US alone.

COMMERCIAL

**41 GWh**

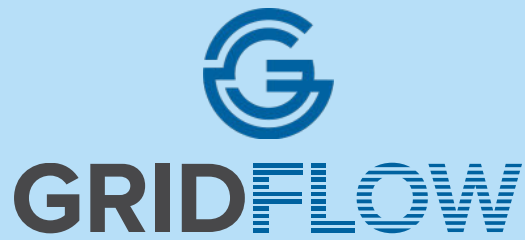
The largest markets for stationary energy storage in 2030 are projected to be in North America.

GRID SCALE

**300 GW**

Long-duration energy storage needed by 2030 (27% CAGR).





# PARTNERS AND SUPPORT

FEDTECH



[DANGEROUS]



## DELIVERING ENERGY AT THE EDGE OF THE GRID™

**CHUCK CALL, CEO**

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**Be part of the next generation of energy storage.**

Sign up for our newsletter on our website to stay up to date on how GridFlow's lithium-sulfur flow technology is redefining safety, scalability, and cost-effectiveness.

[www.gridflow.tech](http://www.gridflow.tech)