

Unlock More IT Power Reduce Peak Cooling Demand Enable Sustainable Data Growth



Rebound's AEX is a next-generation thermal storage solution for modern data centers, delivering scalable cooling that lowers PUE, unlocks capacity, and strengthens resiliency—at a lower cost.

Building and Safety Benefits

- Replaces chilled-water storage with a lower-cost, higher-performance solution for peak and backup cooling.
- Enables 20–40% more IT power within the same peak connected load.
- 75% smaller footprint than equivalent chilled-water storage tanks.
- Qualifies as a flexible thermal load for demand-response and grid programs.
- Enhances resiliency with 5+ minutes of backup cooling during grid outages.



AEX: 4-in-1 Value



Energy Savings

Built-in storage reduces connected load, avoids peak utility charges, and supports decarbonization objectives.



Agile Cooling

Discharge rates up to 10x charge rates support peak IT spikes while lowering capex compared to oversized chillers.



Plug-and-Play

Self-contained cooling and ice storage with remote monitoring, digital twin, and seamless BAS/DCIM integration.



Moisture Control

Lower coil temperatures improve humidity control and protect sensitive electronics in high-density spaces.