



Utilizing eco-friendly materials with the ability to integrate waste materials for beneficial reuse, Energy Vault's EVx??? gravity-based energy storage technology is facilitating the shift to a circular economy while accelerating the global clean energy transition for its customers.



Energy Vault will address a large, unmet need for an energy storage solution for intermittent renewable energy sources and enhanced grid resiliency as the world transitions away from fossil fuels. Energy Vault has successfully demonstrated commercial scale deployment of its technologies and



The result is a product platform poised to set a benchmark in the economics and efficiency of grid-scale energy storage. A core advantage of EVx is its modular architecture. The system can be built in individual, 10MWh increments that can scale to multi-GW-hour storage capacity.

EVX ENERGY STORAGE TOWER ARUBA



The EVx platform is a six-arm crane tower designed to be charged by grid-scale renewable energy. It lifts large bricks using electric motors, thereby creating gravitational energy. When power needs to be discharged back to the grid, the bricks are lowered, harvesting the potential gravitational energy.



In 2023, Energy Vault announced the commissioning of the world's first EVx??? gravity storage system in China, the largest energy storage market in the world. Energy Vault also recently announced three additional EVx??? GESS deployments of 368 MWh in China through a license and royalty agreement announced in early 2022, bringing total announced projects in ???



The EVx??? product platform introduces a highly scalable and modular architecture that can scale to multi-GW-hour storage capacity. EVx??? is the natural evolution that leverages all current performance attributes of Energy Vault's proven technology including zero degradation in storage medium, high round-trip efficiency, long technical life

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