

## PEES Power Systems

# Victoria gravity energy storage

**LPW48V100H**  
**48.0V or 51.2V**



## Overview

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The G-VAULT™ platform utilizes a mechanical process of lifting and lowering composite blocks or water to store and dispatch electrical energy. The SEC Renewable Energy Park - Horsham is one of Australia's first 100% publicly owned, utility-scale renewable energy projects. The project includes over 212,000 photovoltaic solar panels generating 119MW of solar power, capable of generating 242,000 MWh annually. Energy Vault's integration of a. Energy storage developer and system integrator Energy Vault has been tapped by Victoria's State Electricity Commission (SEC) to deliver a 100MW/200MWh government-owned battery energy storage system (BESS) in Australia. G-VAULT™ is a family of gravity energy storage products that decouple power and energy while maintaining a high round-trip efficiency.

## Victoria gravity energy storage

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### Energy Vault to Supply Victorian Government-Owned Renewable ...

Energy Vault ® develops and deploys utility-scale energy storage solutions designed to transform the world's approach to sustainable energy storage. The Company's comprehensive ...

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### Gravity storage pioneer lands another big battery contract in Australia

Energy Vault, a US-listed company probably best known for its work on gravity storage technology, has secured another major contract for a more conventional big battery project in Australia, this time with ...



### Energy Vault awarded BESS project contract from Victoria's SEC

Energy Vault, which also provides a proprietary gravity energy storage technology, will build the BESS using its X-Vault integration platform and its UL9540 and AS3000 certified B-VAULT ...

## Energy Vault to Supply Victorian Government-Owned Renewable Energy

Utilizing eco-friendly materials with the ability to integrate waste materials for beneficial reuse, Energy Vault's gravity-based energy storage technology is facilitating the shift to a circular ...



## Energy Vault®

The G-VAULT(TM) platform utilizes a mechanical process of lifting and lowering composite blocks or water to store and dispatch electrical energy. The result is a series of flexible, low-cost, 35-year (or more) ...

## Work begins on Victoria's 200MWh SEC Renewable Energy Park

Energy Vault, which also provides a proprietary gravity energy storage technology, has been employed by several developers for energy storage sites in Australia.



## First commercial gravity-based energy storage tower begins



Slated to be fully grid-interconnected in Q4 2023, the gravity tower will mark the world's first non-pumped hydro gravity-based storage facility. The project is located near a wind power ...

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## SEC begins work on 119MW solar-plus-storage site in Australia

The SEC has confirmed that construction has started on the 119MW SEC Renewable Energy Park in Victoria, Australia.



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## Energy Vault awarded first Australian big battery project , AltEnergy

Energy Vault Holdings was awarded a Notice of Award for the deployment of a 250 MW/500 MWh battery energy storage system at the proposed 330 MW Meadow Creek Solar Farm in northern Victoria.

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## Energy Vault picked to deliver 100-MW battery in Victoria

US energy storage specialist Energy Vault Holdings Inc (NYSE:NRGV) has been selected to deliver and integrate a 100-MW/200-MWh battery that will be co-located with a solar ...

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