



Victoria home energy storage power supplier





Overview

Sustainable energy storage solutions provider Energy Vault has entered an agreement with the State Electricity Commission (SEC) of Victoria to deliver a 100MW/200MWh battery energy storage system (BESS) at the SEC Renewable Energy Park in Horsham, Australia.

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The project features over 212,000 solar panels with a combined capacity of 119MW, capable of producing 242,000MWh of solar energy each year. The \$370m investment by SEC is projected to supply renewable energy for around 51,000 households. Credit : The Desert Photo / Shutterstock. Sustainable energy.

Our renewable energy and storage targets and the work to support these through new energy projects. Victoria's renewable energy targets legislated in the Renewable Energy (Jobs and Investment) Act 2017 (Vic) are: These targets include offshore wind energy generation targets of: 9 GW by 2040.

- The project is a milestone in renewable energy integration in Victoria
- It will provide grid-scale energy storage
- The BESS project supports the delivery of affordable, reliable renewable energy
- Implications for the future of energy storage solutions in the renewable sector

Energy Vault, a.

Battery Energy Storage Systems (BESS) in Victoria provide efficient energy storage solutions for homes, businesses, and the electricity grid. These systems store energy from renewable sources such as solar and wind in high-capacity batteries and release it on demand. During peak electricity.

-State Electricity Commission (SEC) Renewable Energy Park - Horsham BESS to provide flexible, grid-scale energy storage solution, supporting the delivery of affordable and reliable renewable energy to more than 50,000 Australian homes while enhancing grid stability -Collaboration serves as a.

The Rangebank battery energy storage system (BESS) is an operational energy



storage project in Victoria, Australia. It is the second largest storage system in the state. The 200MW / 400MWh project was jointly developed by Eku Energy and Shell Energy, with Perfection Private as a minority equity. How many energy storage projects are there in Victoria?

773 MW of commissioned energy storage capacity and 21 utility-scale storage projects with a combined capacity of 2,326 MW under construction or undergoing commissioning at 30 June 2025. Figure 4: Emissions from electricity generation in Victoria, 2013/14 to 2024/25.

What percentage of Victoria's Electricity generation is renewable?

For 2024/25, renewable energy was 42.4% of Victoria's electricity generation - and we've closed out the financial year with a strong pipeline of projects that puts Victoria well placed to achieve our 40% renewable electricity generation target by the end of 2025. Figure 2: Victorian renewable electricity generation share, 2013/14 to 2024/25.

What percentage of Victoria's Electricity is generated by rooftop solar?

Victorian households and businesses installed 619 MW of rooftop solar systems, which saw rooftop solar provide 10.8 per cent of Victoria's electricity generation in 2024/25, up from 9.3 per cent during the previous year.

How much CO2 does electricity produce in Victoria?

Figure 4: Emissions from electricity generation in Victoria, 2013/14 to 2024/25
Victoria's electricity sector greenhouse gas emissions have fallen from around 60.3 million tonnes (Mt) of CO₂-e in 2014/15 to around 37.3 Mt of CO₂-e in 2024/25.



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Energy Vault to Supply Victorian Government-Owned Renewable Energy

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

[Energy Vault Deliver 100 MW for Victoria's](#)

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Energy Vault's Landmark BESS Project: Pioneering Renewable Energy

The SEC Renewable Energy Park - Horsham BESS is set to provide a flexible, grid-scale energy storage solution that will support the delivery of affordable and reliable ...

[Energy Vault Deliver 100 MW for Victoria's Renewable Energy](#)

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Energy Park - Horsham, located in Victoria, ...



[Energy Vault to supply company owned by Victoria State ...](#)

Energy Vault's integration of a grid-forming BESS will provide firm, dispatchable power to meet peak demand periods with a two-hour storage duration.



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Rangebank BESS, Victoria, Australia

During peak demand, Rangebank BESS can power 80,000 Victorian homes for one hour. This is equivalent to five hours of energy for 31,000 households in Cranbourne. The ...





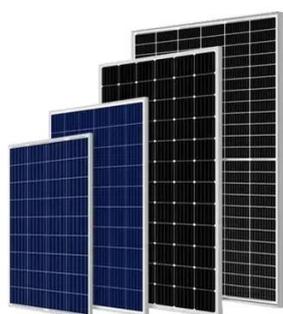
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[Victorian renewable energy and storage targets](#)

The firm capacity delivered by Victoria's energy storage targets will provide reliable, affordable and clean energy as Victoria's ageing and increasingly unreliable coal ...



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[Battery Storage Victoria , VIC Saver Solutions](#)

VIC Saver provides BESS installations across Victoria that ensure quiet operation while supporting efficient energy storage, solar energy integration and reliable electricity supply.



[Energy Vault awarded BESS project contract from ...](#)

Energy Vault has been tapped by Victoria's SEC to deliver a 100MW/200MWh government-owned battery energy storage system ...

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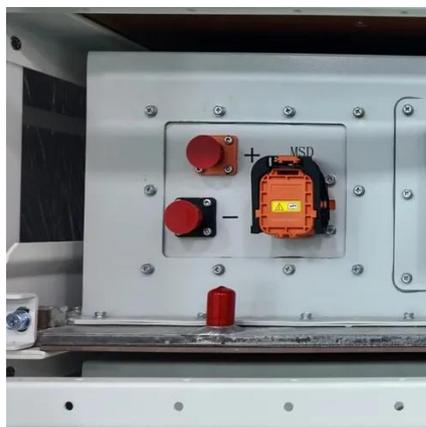


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