



[NEWS \(HTTPS://WWW.ENERGY-STORAGE.NEWS/CATEGORY/NEWS/\)](https://www.energy-storage.news/category/news/)

Victorian Big Battery: Australia's biggest battery storage system at 450MWh, is online

About cookies on this site

We use cookies to collect and analyse information on site performance and usage, to provide social media features and to enhance and customise content and advertisements.

By [Andy Colthorpe \(https://www.energy-storage.news/author/andy-colthorpe/\)](https://www.energy-storage.news/author/andy-colthorpe/)
[Learn more \(https://www.cookiehub.com/about-cookies\)](https://www.cookiehub.com/about-cookies)

December 8, 2021

[Asia & Oceania \(https://www.energy-storage.news/regions/asia-oceania/\)](https://www.energy-storage.news/regions/asia-oceania/),
[Southeast Asia & Oceania \(https://www.energy-storage.news/regions/southeast-asia-oceania/\)](https://www.energy-storage.news/regions/southeast-asia-oceania/)

[Grid Scale \(https://www.energy-storage.news/market-segments/grid-scale/\)](https://www.energy-storage.news/market-segments/grid-scale/)

[Business \(https://www.energy-storage.news/subjects/business/\)](https://www.energy-storage.news/subjects/business/), [Policy \(https://www.energy-storage.news/subjects/policy/\)](https://www.energy-storage.news/subjects/policy/),
[Technology \(https://www.energy-storage.news/subjects/technology/\)](https://www.energy-storage.news/subjects/technology/)

-  [LinkedIn](#)
-  [Twitter](#)
-  [Reddit](#)
-  [Facebook](#)
-  [Email](#)

ALLOW ALL COOKIES

COOKIE SETTINGS



About cookies on this site

We use cookies to collect and analyse information on site performance, usage, to provide social media features and to enhance and customise content and advertisements.

The Victorian Big Battery, 250MW/450MWh lithium-ion battery energy storage system (BESS) in Australia, has been officially opened by the Minister for Energy, Environment and Climate Change for the state of Victoria.

Learn more (<https://www.cookieshell.com/about-cookies>)

The Victorian Big Battery, 250MW/450MWh lithium-ion battery energy storage system (BESS) in Australia, has been officially opened by the Minister for Energy, Environment and Climate Change for the state of Victoria.

ALLOW ALL COOKIES

Minister Lily D'Ambrosio said her government was “proud to flick the switch on Australia’s biggest battery which will help protect our network, support our renewable revolution and slash energy prices”.

COOKIE SETTINGS

The system will charge during the day when abundant renewable energy means electricity is cheap and will open up an additional 250MW of interconnection capacity to allow Victoria to import power from New South Wales at peak times — mainly during summers as alluded to by minister D'Ambrosio.

A 250MW contract is in place with the Australian Energy Market Operator (AEMO) under the Victorian government’s System Integrity Protection Scheme (SIPS) to provide that automatic instant response that batteries are capable of. It will also participate in the National Electricity Market where it can provide grid services such as frequency response.

The government pointed out that batteries can perform a range of applications more quickly, more cleanly and ultimately cheaper in the long run than existing assets like gas-fired generation. Independent analysis has been quoted that predicts AU\$2.40 (US\$1.71) in benefits will be accrued to Victorian residents and businesses for every AU\$1 invested in the battery system.

Located next to Moorabool Terminal Station in the Victorian city of Geelong, the project has been developed by the local subsidiary of France-headquartered renewable power producer Neoen. As with Neoen's two previous large-scale battery projects in Australia, Tesla BESS equipment has been used. Network provider AusNet Services also collaborated with the project partners.

The Victorian Big Battery system's construction has been completed in under a year. It faced a late stage setback along the way when two Tesla Megapacks out of the more than 100 on site were destroyed by fire, just as the system was about to go into [final testing before connection to the National Electricity Market \(NEM\) in July](https://www.energy-storage.news/fire-hits-construction-of-300mw-victorian-big-battery-in-australia/) (<https://www.energy-storage.news/fire-hits-construction-of-300mw-victorian-big-battery-in-australia/>).

However, testing and pre-commissioning activities resumed in September after authorities and experts were satisfied it was safe to do so and that best practice advice had been applied and was being adhered to.

The project achieved financial close in February this year as the Australian national [Clean Energy Finance Corporation \(CEFC\)](https://www.energy-storage.news/cefc-offers-us127-6-million-debt-finance-for-300mw-victoria-energy-storage-project/) and a debt equity investment of AU\$160 million (<https://www.energy-storage.news/cefc-offers-us127-6-million-debt-finance-for-300mw-victoria-energy-storage-project/>) into it alongside funding from Neoen.

About cookies on this site

We use cookies to collect and analyse information on site performance and usage, to provide social media features and to enhance and customise

content and advertisements. “Neoen's battery investment as Victoria transitions to our legislated targets of 50% renewables by 2030 and net zero by 2050,” Minister Lily D'Ambrosio said.

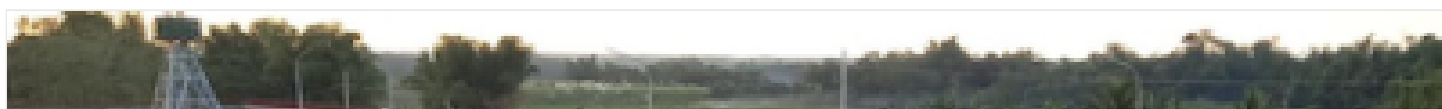
[Learn more \(https://www.cookiehub.com/about-cookies\)](https://www.cookiehub.com/about-cookies)

At the beginning of this month, the [Australian Energy Market Commission \(AEMC\)](https://www.aemc.gov.au/australias-new-national-electricity-market-rules-designed-to-incentivise-battery-investments/) introduced new rules for participation in the NEM (<https://www.aemc.gov.au/australias-new-national-electricity-market-rules-designed-to-incentivise-battery-investments/>), aimed in part at reducing the barriers to investment in battery storage, although trade group Clean Energy Council and others were critical that network charges for use of the grid by battery systems were not eliminated.

[australia](https://www.energy-storage.news/tag/australia/) (<https://www.energy-storage.news/tag/australia/>), [debt equity](https://www.energy-storage.news/tag/debt-equity/) (<https://www.energy-storage.news/tag/debt-equity/>), [decarbonisation](https://www.energy-storage.news/tag/decarbonisation/) (<https://www.energy-storage.news/tag/decarbonisation/>), [frequency response](https://www.energy-storage.news/tag/frequency-response/) (<https://www.energy-storage.news/tag/frequency-response/>), [government support](https://www.energy-storage.news/tag/government-support/) (<https://www.energy-storage.news/tag/government-support/>), [megapack](https://www.energy-storage.news/tag/megapack/) (<https://www.energy-storage.news/tag/megapack/>), [national electricity market](https://www.energy-storage.news/tag/national-electricity-market/) (<https://www.energy-storage.news/tag/national-electricity-market/>), [project news](https://www.energy-storage.news/tag/project-news/) (<https://www.energy-storage.news/tag/project-news/>), [tesla](https://www.energy-storage.news/tag/tesla/) (<https://www.energy-storage.news/tag/tesla/>)



Read Next





About cookies on this site

We use cookies to collect and analyse information on site performance and usage, to provide social media features and to enhance and customise content and advertisements.

Fluence's first Philippines project in 470MW battery storage portfolio enters commercial operation

[\(https://www.energy-storage.news/fluences-first-philippines-project-in-470mw-battery-storage-portfolio-enters-commercial-operation/\)](https://www.energy-storage.news/fluences-first-philippines-project-in-470mw-battery-storage-portfolio-enters-commercial-operation/)

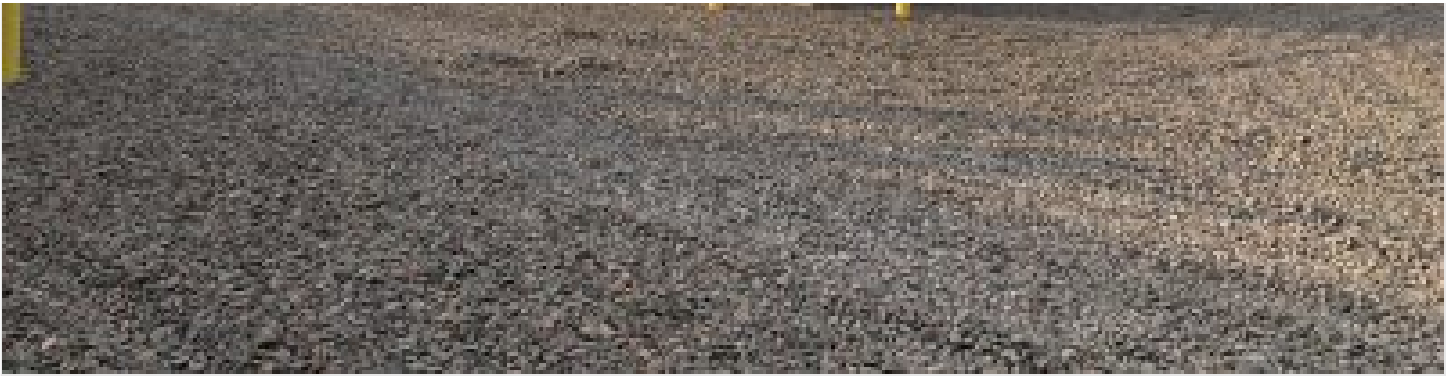
[Learn more \(https://www.cookiehub.com/about-cookies/\)](https://www.cookiehub.com/about-cookies/)

COOKIE SETTINGS

January 27, 2022

In the Philippines, Fluence has brought into commercial operation the first project in an order totalling nearly half a gigawatt, for vertically-integrated power company SMC Global Power Holdings (SMCGPH).





(<https://www.energy-storage.news/quinbrook-subsiary-glidepath-breaks-ground-on-50mw-50mwh-texas-battery-project/>)

Quinbrook subsidiary GlidePath breaks ground on 50MW/50MWh Texas battery project (<https://www.energy-storage.news/quinbrook-subsiary-glidepath-breaks-ground-on-50mw-50mwh-texas-battery-project/>)

About cookies on this site

January 26, 2022

Energy storage asset developer and owner GlidePath has begun construction of a 50MW/50MWh battery energy storage system (BESS) to provide Texas social media features and to enhance and customise content and advertisements.

Learn more (<https://www.cookiehub.com/about-cookies>)

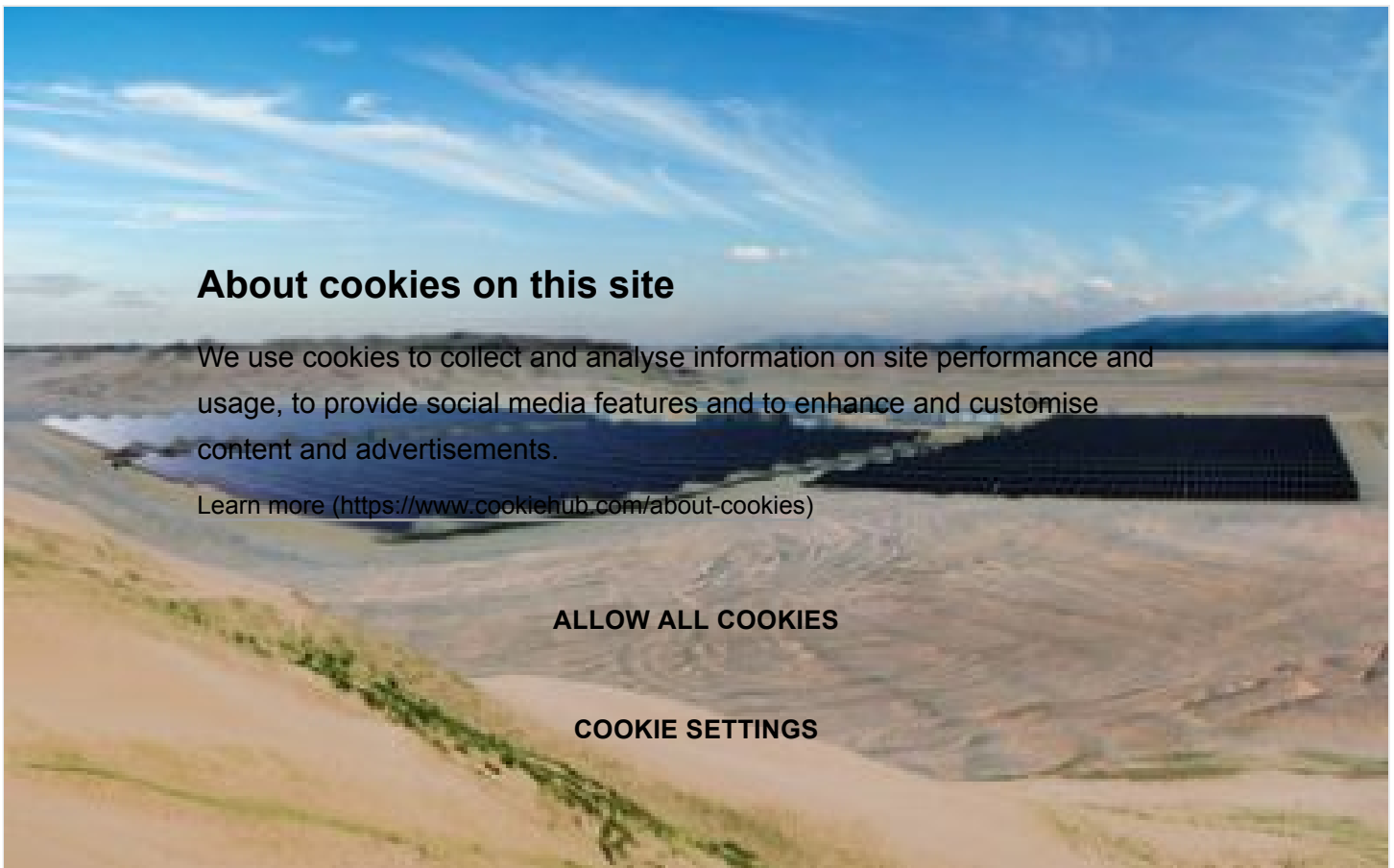


(<https://www.energy-storage.news/expansion-plan-to-take-worlds-biggest-battery-storage-project-to-3gwh-capacity/>)

Expansion plan to take world's biggest battery storage project to 3GWh capacity (<https://www.energy-storage.news/expansion-plan-to-take-worlds-biggest-battery-storage-project-to-3gwh-capacity/>)

January 25, 2022

Plans to nearly double the output and capacity of the world's biggest battery energy storage system (BESS) project to date have been announced by its owner, Vistra Energy.



About cookies on this site

We use cookies to collect and analyse information on site performance and usage, to provide social media features and to enhance and customise content and advertisements.

Learn more (<https://www.cookiehub.com/about-cookies>)

ALLOW ALL COOKIES

COOKIE SETTINGS

(<https://www.energy-storage.news/roundup-bring-your-own-battery-florida-study-microgrid-for-egypt-poultry-co-helsinki-data-centre-batteries-join-electricity-market/>)

ROUNDUP: 'Bring your own battery' Florida study, Microgrid for Egypt poultry co, Helsinki data centre batteries join electricity market (<https://www.energy-storage.news/roundup-bring-your-own-battery-florida-study-microgrid-for-egypt-poultry-co-helsinki-data-centre-batteries-join-electricity-market/>)

January 24, 2022

News in brief from around the world in energy storage.



About cookies on this site

We use cookies to collect and analyse information on site performance and usage, to provide social media features and to enhance and customise content and advertisements.






Learn more (<https://www.cookiehub.com/about-cookies>)
(<https://www.energy-storage.news/underground-works-begin-at-250mw-kidston-pumped-hydro-plant-in-australia/>)

Underground works begin at 250MW Kidston pumped hydro plant in Australia (<https://www.energy-storage.news/underground-works-begin-at-250mw-kidston-pumped-hydro-plant-in-australia/>)

January 21, 2022

“Extensive works” to house two 125MW turbines have begun at Australia’s first new pumped hydro energy storage (PHES) plant in nearly 40 years, developer Genex Power has said.

7th Edition **Energy Storage** SUMMIT 2022
 DEPLOYMENT & DIGITISATION OF STATIONARY & MOBILE STORAGE TO ENABLE A LOW CARBON GRID
 23 - 24 February 2022
 SAVE 20% on your tickets! Use code: ESN20

-  [Twitter\(https://twitter.com/energystoragenw\)](https://twitter.com/energystoragenw)
-  [LinkedIn\(https://www.linkedin.com/showcase/energy-storage-news\)](https://www.linkedin.com/showcase/energy-storage-news)
-  [YouTube\(https://www.youtube.com/channel/UCgBwEXNLDyOGuHK4a_Rmx4A\)](https://www.youtube.com/channel/UCgBwEXNLDyOGuHK4a_Rmx4A)
-  [Facebook\(http://www.facebook.com/energystoragenews\)](http://www.facebook.com/energystoragenews)
-  [Feed\(/rss\)](#)