



SolarGrid Energy Solutions

Victoria Battery Energy Storage Station Planning



Overview

A 1.8 GWh battery energy storage system proposed for Victoria's northeast is one of two new renewable energy projects set to be fast tracked through the state's accelerated planning approval pathway. Will Victorian Government approve a battery energy storage system?

The Victorian government has fast tracked the approval of what is to be one of the state's biggest battery energy storage systems as it seeks to accelerate the development of projects to support its renewable energy ambitions.

Will Trina Solar build a battery energy storage system in Victoria?

Trina Solar has submitted a planning application for a major battery energy storage system (BESS) in Victoria, Australia. The proposed Kiewa Valley BESS will have a capacity of 500 MW and 1 GWh, capable of dispatching power for up to two hours.

Will Victoria achieve a large-scale energy storage system by 2035?

Victoria aims to achieve 2.6 GW of large-scale energy storage by 2030 and 6.3 GW by 2035 as part of its clean energy transition. Trina Solar has submitted a planning application for a major battery energy storage system (BESS) in Victoria, Australia.

What is Victoria's largest battery energy storage system?

The \$350 million (USD 224.4 million) project, being developed near the town of Little River about 45 kilometres southwest of Melbourne, will be one of the state's largest battery energy storage systems if it goes ahead and will "support Victoria's clean energy transition."

How many energy storage projects are there in western Victoria?

In March 2018, 2 projects in Western Victoria were chosen to be part of The Energy Storage Initiative - one in Ballarat and one in Gannawarra. Construction for the Ballarat and Gannawarra Energy Storage Systems was

completed in late 2018. Both batteries began operating over the summer of 2018 and 2019.

Could Victorian energy storage projects help achieve energy storage goals?

The Victorian Government said that projects like this are playing a key role in achieving the state's energy storage targets of at least 2.6GW of energy storage capacity by 2030 and at least 6.3GW by 2035.

Victoria Battery Energy Storage Station Planning



Equis , Melbourne Renewable Energy Hub (MREH)

With approval for a 2.4 GWh of energy storage and a 12.5MW co-located solar farm, Melbourne Renewable Energy Hub will be one of the biggest batteries in ...

Dederang BESS -- Mint Renewables

We are in the development phase of a Battery Energy Storage System (BESS) project adjacent to the existing Dederang Terminal Station. Targeting an

...



Melbourne Renewable Energy Hub, Victoria, ...

Feb 1, 2024 · Melbourne Renewable Energy Hub (MREH), previously known as Melton Renewable Energy Hub, is one of the largest battery projects in the world.

EnergyAustralia breaks ground on its first four ...

Feb 28, 2025 · EnergyAustralia turns the sod on its first four-hour big battery, and its biggest single project investment as it lays ground for its post-coal strategy.



Rangebank Battery Energy Storage System

6 days ago · Situated within the Rangebank Business Park in Melbourne's southeast, the Rangebank Battery Energy Storage System (BESS) provides 200MW / 400MWh capacity of ...

Thomastown battery

Thomastown Battery Energy Storage System Overview We're helping to fortify Victoria's renewable energy future by developing a new Battery Energy ...



Joint media release: Delivering cleaner, cheaper reliable energy ...

Sep 4, 2024 · The Albanese Government's reliable renewable plan is backing six large-scale batteries for Victoria and South Australia that will

deliver enough clean, cheap and reliable

...

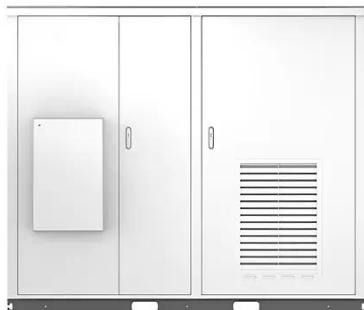


Contested battery, and one of state's biggest, ...

May 9, 2025 · Plans for what will be one of the biggest batteries in Victoria have been given the green light for development through the state government's ...



Solar



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 ...

Australian battery projects advance 1.8 GWh of storage ...

Feb 26, 2025 · EnergyAustralia is planning a 350 MW/1.4 GWh project next to its Jeeralang gas-fired power station, in Victoria, and Acen is constructing a

200 MW/400 MWh battery energy ...

Commercial and Industrial ESS

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



Mortlake Power Station Battery Energy Storage System ...

Jul 8, 2025 · 1. Introduction This submission has been prepared by Jacobs Australia (Jacobs) on behalf of Origin Energy Power Limited (Origin) with the purpose to amend the endorsed ...

Mortlake Battery Project

Our current projects include several large-scale solar developments, battery energy storage systems co-located with our existing power stations and ...



Product Model

HJ-ESS-215A(100kW/215kWh)
HJ-ESS-115A(50kW 115kWh)

Dimensions

1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity

215KWH/115KWH

Battery Cooling Method

Air Cooled/Liquid Cooled



Trina seeks approval for 1 GWh battery project in Australia

Nov 27, 2024 · Chinese giant Trina Solar has lodged plans to build a 1 GWh battery energy storage system (BESS) in the state of Victoria as part of a broader

strategy that aims to deliver ...



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

Apr 8, 2025 · The SEC Renewable Energy Park is set to be Victoria's first 100% publicly owned utility-scale renewable energy project. Image: SEC. The State Electricity Commission (SEC), a ...



Sample Order
UL/KC/CB/UN38.3/UL



PA2403308

Oct 31, 2024 · 53.22 Use, development (including native vegetation removal), creation of access and signage associated with a new approximately 400MWh Battery Energy Storage System

...

More battery projects approved in Victoria

Dec 1, 2023 · Planning permits have been granted to two large battery projects by Victoria's planning department: the existing Elaine Battery

Energy Storage ...

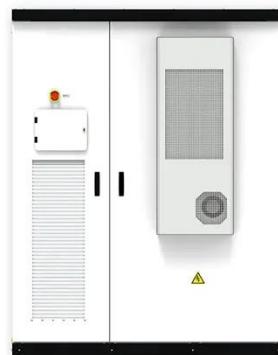


Mortlake Power Station Battery Energy Storage System ...

Jul 8, 2025 · Origin owns and operates the Mortlake Power Station in Mortlake, Victoria. Origin has approved construction of a large-scale BESS adjacent to the power station and within the ...

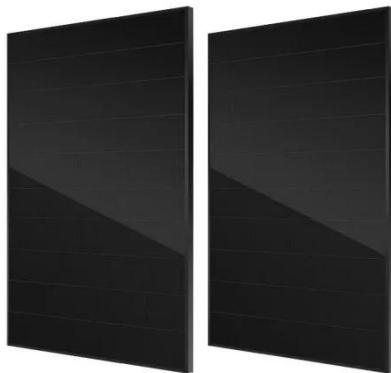
Victoria fast-tracks approval for 350MW Joel Joel ...

Aug 19, 2025 · The Victorian Government's new streamlined renewable energy planning process is delivering critical renewable storage capacity sooner with ...



Victoria streamlines planning process of the ...

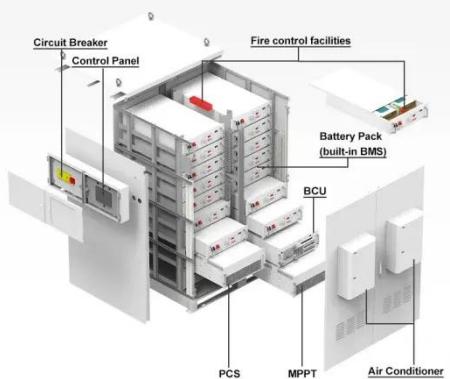
Today (29 August), the Victoria government announced it has streamlined the planning process to



deliver the state's "largest" battery energy storage system ...

Batteries and energy storage projects

Two large renewable battery projects in Western Victoria. In 2017, the Victorian Government announced a \$25 million Energy Storage Initiative. The Energy ...



Mortlake Energy Hub

Dec 8, 2024 · The application seeks planning approval for the use and development of a solar energy facility and utility installation (battery and powerline), associated buildings and works, ...

Trina Solar Seeks Approval for 1 GWh Battery ...

Nov 29, 2024 · Trina Solar has submitted a planning application for a major battery energy storage system (BESS) in Victoria, Australia. The proposed ...

DETAILS AND PACKAGING



Kiewa Valley BESS

The Project Introducing the Kiewa Valley Battery Energy Storage System (BESS), a pioneering project located approximately 1.7 kilometers southwest of the ...

Birdwood's Baranduda battery project granted Planning Permit.

Feb 19, 2025 · Birdwood Energy (Birdwood) is pleased to advise that the Baranduda Electrical Energy Reserve Project (the Baranduda Battery) has been granted a planning permit from the

...



Construction begins on publicly owned solar and ...

Apr 8, 2025 · Construction proper has officially begun on a 119 MW solar farm and 100 MW / 200 MWh battery energy

storage facility in Victoria's northwest ...



Green light for 350MW Vic BESS

Sep 3, 2024 · The first battery project has been approved under the Victorian Government's new streamlined renewable energy planning process, which ...



Tensions flare in neighbouring Victorian ...

Mar 18, 2025 · Alpine Shire Council will lobby against an unpopular proposed battery energy storage system at Dederang. The anti-renewables position is in ...



Victoria's biggest battery becomes first project

Aug 29, 2024 · A new big battery was approved after just nine weeks, marking the first renewables project to be fully processed under the state's new fast ...



12 V 10AH

PA2201752

Aug 25, 2022 · AusNet is seeking to install a 300 MV/600 MWH Battery Energy Storage System (BESS) and associated infrastructure to the northwest of the existing Thomastown Terminal ...

Little River BESS - Battery Energy Storage Project

Little River Battery Energy Storage System (BESS) is located approximately 44 kilometres southwest of Melbourne. The project will support Victoria's clean

...



Planning Assessment Officer Report

Jul 10, 2025 · Additionally, the Renewable Energy Action Plan and Victoria's Climate Change Strategy both outline the importance of battery storage projects in Victoria's renewable

energy ...



Koorangie

6 days ago · Koorangie Energy Storage System The Koorangie Energy Storage System (KESS) is located in North West Victoria, near the town of Kerang. ...



Victoria fast tracks approval for 700 MWh ...

May 12, 2025 · The \$350 million (USD 224.4 million) project, being developed near the town of Little River about 45 kilometres southwest of Melbourne, will ...

Tramway Road Battery Energy Storage System project

Mar 5, 2025 · Tramway Road is a Battery Energy Storage System (BESS) project up to 300MW / 1200 MWh in size in the Latrobe Valley in Gippsland, Victoria.

Strategically located with a ...



New Australian developer targets big batteries ...

Mar 20, 2025 · A newly formed Australian renewables and storage developer has unveiled its first four battery projects in NSW and Victoria.

Victoria streamlines planning process of the ...

Aug 29, 2024 · The streamlined planning process took nine months to complete. Image: ACEnergy. Today (29 August), the Victoria government announced it ...



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