

European Solar and Energy Storage Solutions

Tuvalu rangebank bess



Overview

What is a rangebank Bess?

The Rangebank BESS helps to increase Victoria's renewable energy hosting capacity and provides essential system services that support the safe, secure and reliable operation of Australia's energy system.

Who is constructing the rangebank Bess project?

The project is proudly being developed by Eku Energy and Shell Energy Australia. The Rangebank BESS will be built, serviced, and maintained by Fluence – a global leader in energy storage products and services within the renewable energy and storage sectors.

What is the storage capacity of the rangebank Bess project?

The Rangebank BESS project will feature a storage capacity of 200MW. Credit: Fluence Energy. The Rangebank BESS project will feature a storage capacity of 200MW. Credit: Fluence Energy. The Rangebank BESS project will feature a storage capacity of 200MW. Credit: Fluence Energy.

How much power does a rangebank Bess deliver?

The Rangebank BESS will deliver 200MW/400MWh of dispatchable power over two hours using Fluence Energy's Gridstack™ grid-scale energy storage system. The BESS features a modular design, consisting of an array of equipment that includes batteries, core transformers, inverters, and a large transformer.

Who builds the rangebank Bess battery?

The Rangebank BESS will be built, serviced, and maintained by Fluence – a global leader in energy storage products and services within the renewable energy and storage sectors. The battery, built within a 19,250sqm footprint, will utilise Fluence's sixth generation Gridstack™ energy storage technology.

How long will the rangebank Bess battery last?

Shell Energy will have access to the battery's entire offtake for 20 years. Once operational, the Rangebank BESS will have the capacity to power 80,000 Victorian homes for one hour during peak times, which is equivalent to supplying five hours of energy to 31,000 households in Cranbourne.

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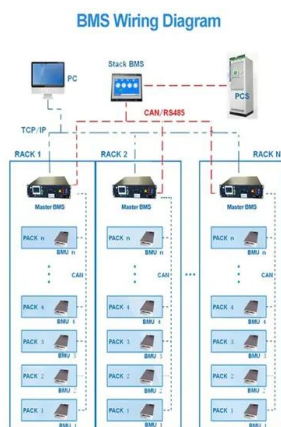


Rangebank BESS

Rangebank BESS Construction Update. Construction work at the Rangebank BESS has made good progress in 2024 with all major equipment installed on prepared foundations. The Cranbourne Terminal Station Bay works were completed on schedule by AusNet and the Bay H energised on 9 May 2024.

Planning

The Rangebank BESS (Battery Energy Storage System) is an industrial scale BESS to be located in Cranbourne West, Victoria, Australia. It will provide 200MW / 400MWh capacity of reliable and flexible energy solutions. Home Partners Community Planning ...



Shell, Eku add 400 MWh battery to Victoria's grid

Less than 18 months after the start of construction, the 200 MW/400 MWh Rangebank BESS, first energized in August 2024, has officially commenced full operations. The battery is helping to stabilize Victoria's electricity supply by providing additional energy storage capacity that can be discharged at times of peak demand.

Rangebank Battery Energy Storage System project

Situated within the Rangebank Business Park in Melbourne's southeast, the Rangebank Battery Energy Storage System (BESS) provides 200MW / 400MWh capacity of reliable and flexible energy to Victorians since completion in late 2024.



Victoria adds new big battery with Rangebank switched on

Less than 18 months after the start of construction, the 200 MW / 400 MWh Rangebank battery energy storage system (BESS), which was first energised in August, has officially commenced full operations, now helping to stabilise Victoria's electricity supply by providing additional storage capacity that can be discharged at times of peak demand.

Macquarie's Green Investment Group, Shell to develop 400MWh BESS ...

Shell Energy has signed an offtake deal with a 20-year term for 100% of dispatch rights to the BESS. CEO Joiner noted that the Rangebank BESS project marks the company's first direct equity investment into a BESS project anywhere in the world, as well as being its first investment in a project of this type in Victoria.



Australia's Rangebank Battery Energy Storage System, Victoria's ...

The Rangebank BESS, Victoria's second largest

storage system, was officially opened on 3 December 2024 by The Hon. Lily D'Ambrosia MP, Victorian Minister for Energy & Resources, together with Tom



Victoria energy minister in attendance as work begins on 400MWh

Pre-construction activities commenced this week on Rangebank BESS, a 200MW/400MWh project in Victoria, Australia. Victoria energy and resources minister Lily d'Ambrosio was among dignitaries in attendance to help ceremonially mark the start of work on the project at Rangebank Business Park in Cranbourne, southeast Melbourne.



Victoria's second largest 200 MW BESS opens

"Rangebank BESS is an important addition to Shell Energy's battery portfolio being our first grid-scale battery investment in Victoria and Shell's first direct equity investment in a utility scale BESS globally. It will help support a more resilient power system in Victoria, and a more reliable energy supply for our customers as the

Victoria's second largest battery opened at Cranbourne

Rangebank BESS will play a crucial role in helping stabilise Victoria's state electricity supply

by providing additional storage capacity which can be discharged at times of peak demand. Situated in the Rangebank Business Park in Melbourne's southeast, the jointly developed 200 MW/ 400 MWh BESS has the capacity to power 80,000 homes for an

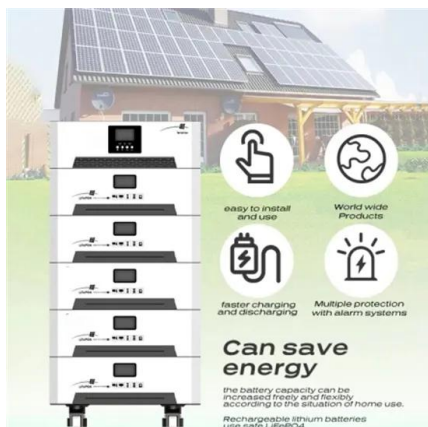


FAQs

The Rangebank BESS (Battery Energy Storage System) is an industrial scale BESS to be located in Cranbourne West, Victoria, Australia. It will provide 200MW / 400MWh capacity of reliable and flexible energy solutions. Home Partners Community Planning Project Updates FAQ Contact.

Rangebank BESS

Macquarie Asset Management's Green Investment Group and Shell Energy Operations are partnering to deliver the battery. Through an offtake agreement, Shell Energy will have access to 100 per cent of the battery's offtake over a 20-year period.



Victoria's second largest battery opened at Cranbourne

Situated in the Rangebank Business Park in Melbourne's southeast, the jointly developed 200 MW/400 MWh BESS has the capacity to power 80,000 homes for an hour during peak periods. Under a tolling agreement, Shell Energy will have access to 100 percent of the battery's capacity over the next 20 years, strengthening its growing

battery portfolio.

Australia's Rangebank Battery Energy Storage System, Victoria's ...

The Rangebank BESS, Victoria's second largest storage system, was officially opened on 3 December 2024 by The Hon. Lily D'Ambrosia MP, Victorian Minister for Energy & Resources, together with Tom Best, Chief Operating Officer Eku Energy, Tony Keeling, Australia Chief Executive Officer Shell Energy, Steven Murphy, Perfection Private, and



Australia's Rangebank Battery Energy Storage System,

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Rangebank BESS Project, Victoria, Australia

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Rangebank BESS



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