



Rangebank bess Western Sahara

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.

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(TM) energy storage technology.

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 (TM) 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.

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.

The BESS will charge up with surplus energy generated by the wind farm as well as from the grid at off-peak times, outputting at times of low generation and high demand. The fast-responding battery asset will also participate in frequency control ancillary services (FCAS) markets and other revenue opportunities in the NEM.

A consortium led by Eku Energy and Shell Energy has successfully completed the Rangebank Battery Energy Storage System (BESS) in Melbourne's Rangebank Business ...

As the 100% offtaker for the Rangebank BESS, Shell Energy has access to dispatchable power from the asset,



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supporting renewables and contributing to a more resilient power system in Victoria. ... the 120MW Gangarri Solar Project located in Queensland's Western Downs region. Grid-scale batteries will play a crucial storage role in Australia ...

We are proud to be developing the Rangebank BESS in the Cranbourne community and welcome your feedback on this project. We Welcome Your Feedback If you would like to contact a member of our team directly to ask a question or discuss matters about this development, please call us toll free on the number below or send us an email.

Located within immediate access to Melbourne's major arterial roads, including East Link (M3) and the Monash Freeway (M1), Rangebank Business Park is the gateway to Melbourne's South East

"The Rangebank BESS project is another milestone for Fluence in Australia. We are thrilled to be able to partner with both GIG and Shell Energy Australia to deliver this important project."

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

The Rangebank BESS will increase Victoria's renewable energy hosting capacity while providing essential system services aiming to support the safe, secure and reliable operation of Australia's power system. Once fully operational, the Rangebank BESS will have the storage capacity to power the equivalent of 80,000 Victorian homes for an hour ...

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 ...

"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 ...

The 200MW/400MWh Rangebank BESS, developed via a collaboration between energy storage developer Eku Energy and Shell Energy, an integrated energy services ...

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 Jason ...



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The Rangebank Battery Energy Storage System (BESS) in Melbourne's Rangebank Business Park provides up to 400 MW hours (MWh) of power, enough for 80,000 ...

A consortium led by Eku Energy and Shell Energy has successfully completed the Rangebank Battery Energy Storage System (BESS) in Melbourne's Rangebank Business Park, marking the second-largest battery storage project in Victoria. With a capacity of 200 MW and 400 MWh of storage, the facility can power up to 80,000 homes. The project is pivotal in ...

The Rangebank Business Park is a 20 hectare industrial estate located in Cranbourne West, proud home to the Rangebank BESS. For more information about Rangebank Business Park click here. Fluence Energy, Inc. (Nasdaq: FLNC) is a global market leader in energy storage products and services, and cloud-based software for renewables and ...

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.

"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 ...

Perfection Private is a family-owned company which invests in innovation, across bio-medical, IT, sustainability, as well as property projects including the Rangebank Business Park. The Rangebank Business Park is a 20 hectare industrial estate located in Cranbourne West, proud home to the Rangebank BESS.

Forward-Looking Statements

The Rangebank BESS will deliver 200MW/400MWh of dispatchable power over two hours using Fluence Energy's Gridstack (TM) grid-scale energy storage system. The BESS ...

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 ...

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The Rangebank BESS features Fluence's latest Gridstack energy storage technology. ... Among the projects in the pipeline are an approved 350 MW / 700 MWh project being developed in western Victoria by Melbourne-headquartered ACEnergy while Chinese solar giant Trina Solar has announced plans to build a 500 MW / 1 GWh battery in the state'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 ...

Contact us for free full report

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