

Australian sodium-sulfur battery energy storage container





Overview

The 1.5MW NAS Battery will have the capacity to dispatch electricity for at least six hours and in an Australian first, the stackable, modular design, offers a scalable, space-saving solution that can expand to gigawatt scale, according to CleanCo. Where is Australia's largest sodium sulphur battery located?

Queensland electricity generator CleanCo is piloting Australia's largest grid-connected sodium sulphur battery at the Swanbank Clean Energy Hub project, 45 kilometres southwest of Brisbane.

Where is Australia's largest battery energy storage system located?

Queensland state-owned electricity generator CleanCo Queensland is piloting Australia's largest grid-connected sodium sulphur (NAS) long-duration battery energy storage system (BESS) at the Swanbank Clean Energy Hub project, 45 kilometres southwest of Brisbane.

What is Australia's largest grid-connected sodium sulphur battery?

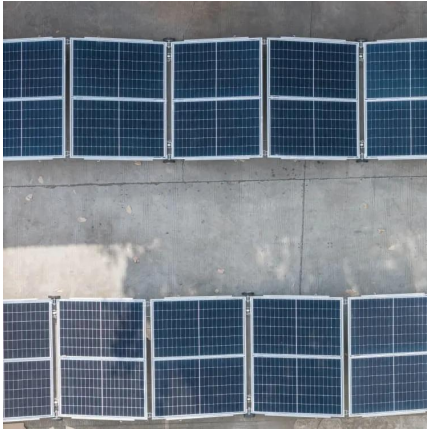
Australia's largest grid-connected sodium sulphur battery enters trial [NEWS ENGINEERS DIRECTORY NEWSLETTERS PODCASTS VIDEOS SHOP JOBS](#) [Share Energy Australia's largest grid-connected 1.5 MW sodium sulphur battery system enters trial](#) The pilot is proposed to take place on the site of one of Swanbank's decommissioned coal-fired power stations.

What is a NAS sodium sulphur battery?

Allset Energy managing director Thomas Buschkuehl described the NAS sodium sulphur battery as a mature, long duration energy storage technology capable of supporting 24/7 carbon neutral operations. He says there have been more than 250 deployments around the world.



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[CleanCo to pilot Australia's largest grid-connected NAS Battery](#)

Jun 25, 2025 · The 1.5MW sodium sulphur (NAS) battery will offer six and more hours of dispatchable energy and features an innovative, modular design that can be expanded to ...

[First of its kind sodium-sulphur battery installed in Australia](#)

Apr 3, 2023 · The Future Battery Industries Cooperative Research Centre (FBICRC) has announced Australia's first sodium-sulphur NAS[®] battery has been installed at the IGO Nova ...



QUT ESG partnership pilots Australia's largest grid-connected NAS Battery

Oct 1, 2024 · The 1.5MW NAS Battery at Swanbank would be one of the first in Queensland, and the largest grid-connected sodium sulphur battery in Australia. It will have the capacity to ...

[Australia's biggest grid-connected sodium sulphur battery to ...](#)

Sep 27, 2024 · What is being described as the biggest grid-connected sodium sulphur battery installation in Australia may be installed in one of



Queensland's main clean energy hubs.



CleanCo pilots 1.5 MW sodium sulphur battery at Swanbank Clean Energy

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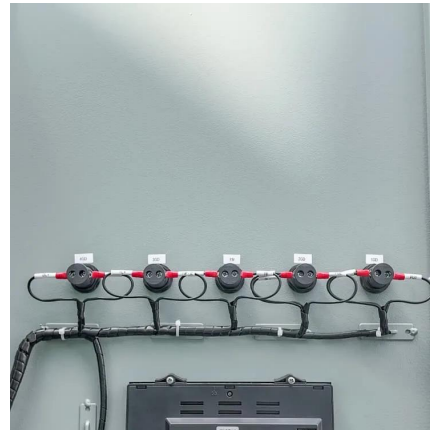
Oct 4, 2024 · CleanCo Queensland pilots Australia's largest sodium sulfur (NaS) battery energy storage system at the Swanbank Clean Energy Hub, offering long-duration energy storage to ...





[Australia pilots 1.5 MW sodium sulfur battery](#)

Oct 4, 2024 · State-owned generator CleanCo Queensland is piloting Australia's largest grid-connected sodium sulfur (designated NaS in its chemical symbol) long-duration battery energy ...



[Progress and prospects of sodium-sulfur batteries: A review](#)

Dec 1, 2017 · This paper presents a review of the state of technology of sodium-sulfur batteries suitable for application in energy storage requirements such as load leveling; emergency ...

[Australia's largest grid-connected sodium sulphur battery ...](#)

Oct 7, 2024 · Providing at least six hours of energy storage, a 1.5MW NAS battery at Swanbank would be one of the first in Queensland and the largest grid-connected sodium sulphur battery ...



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