



Hydrostor broken hill Bulgaria

Will Hydrostor provide back-up power to Broken Hill in 2027?

BROKEN HILL, AUSTRALIA - December 08, 2023 - Hydrostor, a global long duration energy storage (LDES) developer and operator, has reached an Agreement with Transgrid, which will see the 200MW/1600MWh Silver City Energy Storage Project (Silver City) provide back-up power to Broken Hill as early as 2027.

How long will Hydrostor lease Broken Hill?

Hydrostor will employ an advanced compressed air energy storage system near Broken Hill. An agreement between Hydrostor and Crown Lands, part of the NSW department of planning, housing and infrastructure (DPHI), will see Hydrostor lease the land for a period of 65 years, with construction expected to begin in 2025, following development approval.

What is Hydrostor doing with Perilya's Potosi mine?

Canadian company Hydrostor has signed a binding agreement with base metals and exploration company Perilya for access to Perilya's Potosi mine, on the outskirts of the city. The facility will store compressed air underground and is expected to generate 200 megawatts of power that would be used as a back-up supply for Broken Hill.

The New South Wales Government has signed a 65-year lease with Hydrostor to enable the construction of an advanced compressed air energy storage site in Broken Hill to support the development of a mini grid and bolster energy security in the region.

Global long duration energy storage (LDES) developer and operator Hydrostor has inked a lease deal with the New South Wales Government for the construction of the Silver City Energy Storage Centre, designed to provide crucial minigrid backup power to Broken Hill. The agreement will see Hydrostor lease the land for a period of 65 years, with construction expected to begin next ...

Silver City is a 200 MW Advanced Compressed Air Energy Storage (A-CAES) facility that is under late-stage development in Broken Hill, New South Wales. The project provides unmatched benefits to consumers in a remote region with ...

On behalf of the Australian Government, the Australian Renewable Energy Agency (ARENA) has announced it has conditionally approved \$45 million in funding to construct a 200 MW / 1600 MWh fuel-free energy storage facility, developed by Hydrostor Inc, utilising their Advanced Compressed Air Energy Storage (A-CAES) technology and repurposing a disused ...

Hydrostor's compressed air energy storage (CAES) technology is a promising LDES technology with potential to provide 8+ hours of storage duration. While traditional ...



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The project will support Broken Hill's energy grid by reliably incorporating the increasing amount of renewable energy, while providing a reliable backup power solution to the city when ...

MELBOURNE, AUSTRALIA - Sep 28, 2023 - Hydrostor, a global long duration energy storage (LDES) developer and operator, and Perilya, a developer and operator of global mining projects, have entered into a binding agreement to leverage the existing mining assets at Perilya's Potosi Mine in Broken Hill to support the construction of the Silver City Energy Storage (SCES) Project.

BROKEN HILL, AUSTRALIA - June 7, 2021 - Hydrostor, a long duration energy storage solution provider, today announced the latest results from a third-party economic impact report produced by ACIL Allen for its 200 MW Advanced Compressed Air Energy Storage (A-CAES) project being developed in Broken Hill, New South Wales. ...

Hydrostor has reached an agreement with New South Wales (NSW) transmission network operator Transgrid that will see the proposed 200 MW/1,600 MWh Silver City Energy Storage Project support the reliability of electricity supply for Broken Hill by as early as 2027. Hydrostor is planning to build a 200 MW energy storage system with eight hours of ...

BROKEN HILL, AUSTRALIA - December 08, 2023 - Hydrostor, a global long duration energy storage (LDES) developer and operator, has reached an Agreement with Transgrid, which will see the 200MW/1600MWh Silver City ...

BROKEN HILL, AUSTRALIA, Dec. 07, 2023 (GLOBE NEWSWIRE) -- Hydrostor, a global long duration energy storage (LDES) developer and operator, has reached an Agreement with Transgrid, which will...

Hydrostor's global growth aspirations include the ongoing development of future Australian projects, and its Silver City Energy Storage Centre in Broken Hill, NSW. Hydrostor currently employs 10 origination, project development and engineering team members in Australia and will grow this base substantially over the next 12 months.

A new agreement has fast-tracked the construction of a project that could inject hundreds of millions of dollars into Broken Hill's economy and create 780 full-time jobs.

Broken Hill is currently supplied by one transmission line that runs 260km from Buronga, NSW near the Victorian border. Hydrostor's Silver City Energy Storage Project would support electricity supply for the town and ongoing mining demand when the transmission line is temporarily out of service for activities like repairs and maintenance.

The Hydrostor team looks forward to welcoming members of the Broken Hill community to any of the consultation sessions detailed below. DATE TIME LOCATION Wednesday 24 July 2024 5:30pm - 7pm



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Musicians Club Thursday 25 July 2024 7:30am - 9:30am Giovanni and Co Thursday 25 July 2024 10:30am -12 midday Pepe"s

Discover how the new energy storage facility in Broken Hill will enhance energy security, create employment opportunities, and position the region as a pivotal player in Australia"s energy transition. Find out more about the Silver City Energy Storage Facility.

Broken Hill is currently supplied by one transmission line that runs 260km from Buronga, NSW near the Victorian border. Hydrostor"s Silver City Energy Storage Project would support electricity supply for the town and ...

Long duration energy storage (LDES) developer and operator Hydrostor and the New South Wales (NSW) government have signed a Crown Lands agreement to enable the construction ...

The innovative project will utilise Hydrostor"s Advanced Compressed Air Energy Storage (A-CAES) technology, enabling Broken Hill to potentially become one of the ...

Hydrostor"s technology is less affected by these limitations and can be flexibly sited due to a variety of air storage cavern methods, including a greenfield basis utilizing purpose built hard-rock caverns, salt caverns, in addition to repurposing existing assets such as mines as in the case in Broken Hill at "Silver City".

This week, Hydrostor"s senior vice president in origination and development Martin Becker visited Broken Hill to meet with key stakeholders. In a statement provided to the ABC, Mr Becker said a ...

Broken Hill is located in the far west of New South Wales and is part of Transgrid"s south western transmission network. It is currently supplied by a single 220 kV transmission line, "Line X2", from Buronga which spans approximately 260 km. ... followed by network support provided by the Hydrostor compressed air storage solution (Option 1A(4 ...

Hydrostor has signed a 65-year Crown Lands lease that brings the Silver City Energy Storage Center one step closer to fruition. The project includes advanced compressed air long-duration energy storage and a minigrid that will improve energy stability in Broken Hill, a remote outback mining community in the Far West region of New South Wales.

BROKEN HILL, AUSTRALIA, October 25, 2022 - Hydrostor Inc. ("Hydrostor"), a leading long-duration energy storage solution provider, through its partnership with Australian developer Energy Estate ("A-CAES NSW Pty"), and McDermott International ("McDermott") have entered into an agreement to advance Front-end Engineering and Design studies for the 200MW Silver ...

BROKEN HILL, AUSTRALIA, December 18, 2023 -- Hydrostor, a global long duration energy storage (LDES) developer and operator, has been awarded a Long-Term Energy Service Agreement (LTESA) by



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AEMO Services, as part of the New South Wales (NSW) government Electricity Infrastructure Roadmap, for its Silver City Energy Storage project (Silver City) in ...

Contact us for free full report

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