

Does AGL Energy make FID on Liddell project?

AGL Energy makes FID on Liddell project. (Credit: Sungrow EMEA on Unsplash) Australian energy company AGL Energy has reached a final investment decision (FID) on the 500MW/1,000MWh grid-scale battery project in New South Wales.

Why did AGL shut down Liddell?

AGL shut down the Liddell power station in April this year, after more than half a century of operations, to convert the site into a renewable energy hub. Last year, AGL commissioned the Wandoan South BESS project in the Western Downs region, delivering a 100MW capacity to the grid and storing 150MWh of renewable energy.

Will AGL build a battery at Liddell Power Station?

Announced last year, ARENA conditionally approved up to \$35 million in funding to the project, as part of the \$176 million Large Scale Battery Storage Funding Round. The grid-scale battery will be built on the site of the retired Liddell power station and will form part of AGL's Hunter Energy Hub planned for the site.

How much does a Liddell battery project cost?

The new battery project is planned to be constructed on the site of the retired Liddell power station, with a total cost estimated at around A\$750m (\$502.95m). AGL has appointed energy storage specialist Fluence as the preferred engineering, procurement, and construction provider for the project.

How will Liddell's battery storage benefit New South Wales?

As Liddell has retired, this battery will help meet peak demand and help to back up wind and solar generation. Due to Liddell's location, the battery storage will help ensure the ongoing stability of New South Wales power system. This will make use of the significant infrastructure at Liddell and utilise it for battery storage.

Who is the principal contractor for Liddell battery project?

AGL has appointed Fluence Energy to act as the Principal Contractor and have HSE control for the Liddell Battery Project site. AGL has also signed the Connection Agreements with Transgrid for the construction of 330kV/33kV BESS substation along with a 330kV overhead line to connect the BESS substation with Liddell 330kV Transgrid switchyard.

AGL is one of Australia's biggest generator-retailer ("gentailer") entities. Its winning Liddell project is thought to represent some or all of the planned BESS for which the company got approval at the site of its Liddell coal ...

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in the ...

Integrated energy generation and retail company AGL has proposed the building of a 500MW/2,000MWh battery energy storage system (BESS) as part of a large-scale renewable energy hub in New South Wales ...

Herbert Smith Freehills (HSF) is pleased to have advised AGL Energy on its 500 MW / 1,000 MWh battery energy storage system (the Liddell BESS). The Liddell BESS will be located at the site of AGL Energy's retired ...

The Liddell battery storage project will become a part of its planned national roll-out of 850MW of grid-scale batteries by the end of fiscal 2024, said the company. The construction of the battery project has started at Torrens Island and the planning is underway at Broken Hill and Loy Yang.

The Liddell battery is part of AGL's planned national roll-out of 850 MW of grid-scale batteries, with construction underway at Torrens Island and planning progressing at Broken Hill and Loy Yang. Following AGL's proposed demerger in 2022, the Liddell battery will be an asset of Accel Energy.

Last year, AGL commissioned the Wandoan South BESS project in the Western Downs region, delivering a 100MW capacity to the grid and storing 150MWh of renewable energy. ... "Once completed, the Liddell battery will add to AGL's existing suite of grid-scale battery assets and contracted capacity from third parties. "This includes the 250 MW ...

WSP has served as Owners Engineer on some of Australia's largest grid scale BESS projects, most notably the Waratah Super Battery, Liddell and Hazlewood BESS projects. The two most common questions asked when developing the design and commencing construction are; will it be compliant; and have we meet industry best practice.

The Liddell battery forms part of AGL's plans to add 850 MW of grid-scale batteries to its portfolio by 2024. Earlier this year, AGL announced construction had started on its 250 MW one-hour-duration battery at the site of its Torrens Island power station in South Australia. ... It is already operating the 30 MW/ 8 MWh BESS at ...

Liddell BESS Shed (October 2024) Liddell BESS Shed is a construction project based in Muswellbrook NSW within the Commercial sector. The project has an approximate budget of \$750k - \$1m, and quotes are closing 5th of November, 2024. To find out more, please read below.

construction and operation of a grid-scale battery energy storage system (BESS) with a discharge capacity of 700 megawatt (MW) and storage capacity of 2,800 megawatt hours (MWh) at the Eraring Power Station (EPS) ... Liddell closure and would have key flexibility to discharge four hours of stored energy at peak output or provide

of the Liddell Battery and Bayswater Ancillary Works Project (the Project) to facilitate the efficient, safe and reliable continuation of electricity generating works, in accordance with Division 4.7 of the Environmental Planning and Assessment Act 1979 (EP& A Act). The Project is located within the Bayswater and Liddell power

The Origin BESS is also among eight projects totalling 2GW/4.2GWh across Australia which are being supported with funding from the Australian Renewable Energy Agency ... the 500MW/1,000MWh Liddell Battery Project in New South Wales for AGL, another of Australia's major generator-retailer ("Gentainer") utility companies.

Liddell BESS AGL Energy Lithium-ion battery 500 MW 1,000 MWh NSW Orana BESS Akaysha Energy Lithium-ion battery 415 MW 1,660 MWh Commonwealth Smithfield BESS Iberdrola Australia Lithium-ion battery 65 MW 130 MWh Commonwealth Virtual Power Plant (VPP) Enel X Australia Demand Response 95 MW, comprising three separate VPPs (50 MW,

"Once completed, the Liddell battery will add to AGL's existing suite of grid scale battery assets and contracted capacity from third parties. This includes the 250 MW Torrens Island battery, which commenced operations in August 2023, and the 50 MW Broken Hill battery which will commence operations shortly. We will continue to leverage our ...

The Liddell BESS will be located at the site of AGL Energy's retired coal power station and marks AGL Energy's first development at its Hunter Energy Hub. AGL Energy's Managing Director and CEO, Damien Nicks, commented "the Liddell battery will be a key component of achieving our interim target of approximately 5 GW of new renewables ...

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