

## European Solar and Energy Storage Solutions

# Liddell bess Benin



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**200kWh  
Battery Cluster**

### **AGL gets approval for Australia's biggest battery project**

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 (NSW).

### **Liddell Battery and Bayswater Ancillary Works Project**

The Battery: A grid connected Battery Energy Storage System (BESS) with capacity of up to 500 megawatt (MW) and 2 gigawatt hours (GWh)  
Decoupling works: Alternative network connection arrangements for the Liddell 33 kilovolt (kV) switching station that provides electricity to infrastructure required for the ongoing operation of Bayswater and



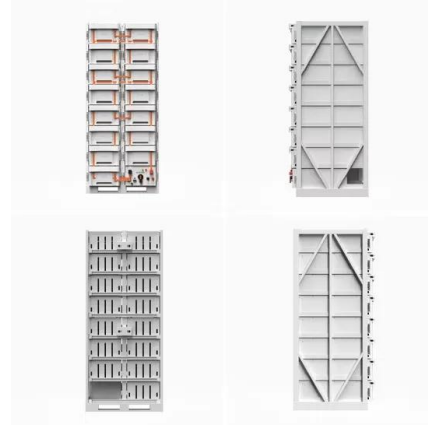
### **Liddell Battery**

The Liddell Battery is a 500 MW, two-hour duration, grid scale battery to be located on the former Liddell Power Station site at AGL Macquarie. Construction work for the battery has commenced in June 2024, with the commencement of operations targeted for December 2025.

### **Enerven wins major Origin**

## battery storage contract in NSW

The Origin Eraring BESS project will provide a range of benefits for the region, NSW and the NEM, including: enabling renewable energy to be stored and dispatched during peak demand, supporting grid stability and energy security; contributing to a more diverse local economy; a capital investment of approximately \$600 million;



## Herbert Smith Freehills advises AGL Energy on its development of

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

## AGL makes final investment decision on \$500m Liddell battery ...

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.



## Liddell Battery and Bayswater Ancillary Works Project



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

## Australia's largest grid-forming battery gets green light

Australia's largest battery with grid-forming inverter capabilities has been given the green light, with AGL reaching a Final Investment Decision (FID) on a 500MW/1,000MWh grid-forming battery in Liddell, New South Wales.. Related ...



## Liddell Battery Energy Storage System

The Project objective is to develop a Battery Energy Storage System (BESS) with a capacity of approximately 500 megawatts (MW) and 1,000 megawatt-hour (MWh) (Facility), designed as two independent generating systems of 250 megawatts (MW) and 500 megawatt-hour (MWh) each, which join together on the 330kV transmission before the Point of ...



## Herbert Smith Freehills advises AGL Energy on its development of

The Liddell BESS will be one of Australia's biggest batteries, and the biggest with grid-forming inverter capabilities. The Liddell BESS will add to

AGL Energy's existing suite of grid scale battery assets, which includes the 250 MW Torrens Island battery, which commenced operations in August 2023, and the 50 MW Broken Hill battery which is



## Final Investment Decision reached on the 500 MW Liddell battery ...

"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.

## Liddell Battery Project, New South Wales, Australia

The Liddell Battery Energy Storage System (BESS) Project involves the development of a 500MW, two-hour duration grid-scale battery in New South Wales (NSW), Australia. AGL Energy, an integrated energy retailer, owns the BESS project.



## Liddell Battery Project, New South Wales, Australia

The Liddell Battery Energy Storage System (BESS) Project involves the development of a 500MW, two-hour duration grid-scale battery in New South Wales (NSW), Australia. AGL Energy,

an integrated energy ...



## Will a big battery replace an unbuilt gas peaker? , AltEnergy

AGL's 250 MW Torrens Island BESS in Adelaide is in the final stages of connection, and its 50 MW Broken Hill BESS in NSW is under construction. Torrens Island was the first order placed under a BESS supply and EPC framework agreement between Wärtsilä and AGL.



## Herbert Smith Freehills counsels AGL Energy on grid-forming ...

International law firm Herbert Smith Freehills has counselled Australian energy company AGL Energy on its 500 MW / 1,000 MWh battery energy storage system (the Liddell BESS), its first development at its Hunter Energy Hub in New South Wales.

## AGL makes final investment decision on \$500m Liddell ...

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### Gateway by ICN

It will involve the construction and operation of the BESS as well as an associated 330kV overhead powerline (OHL). The BESS is located to the south of the existing Liddell Power Station. The OHL extends from the BESS to the existing grid connection at the Liddell Switchyard (west of the Liddell Power Station).



### Gateway by ICN

The BESS is located to the south of the existing Liddell Power Station. The OHL extends from the BESS to the existing grid connection at the Liddell Switchyard (west of the Liddell Power Station). Fluence will entertain any local interest for the Liddell BESS project. More information about this project you may find here



- LIQUID/AIR COOLING
- INTELLIGENT INTEGRATION
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES



### Australian Jobs Act 2013 Australian Industry Participation Plan ...

Description: The Liddell Battery Energy Storage System Project (the Project) will be constructed adjacent to the recently retired Liddell Power Station in Muswellbrook NSW. The purpose of the Liddell Battery Energy Storage System (BESS) aims to accelerate the demonstration of

advanced inverter capabilities on battery projects at scale.

## Liddell BESS Shed

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.



## Australian utility gets tick of approval for 2GWh Liddell battery

Australia's biggest power producer AGL has secured planning approval for a 500MW/2GWh grid-connected utility scale battery to be developed at the site of its coal-fired Liddell power plant in

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