



Liddell Update

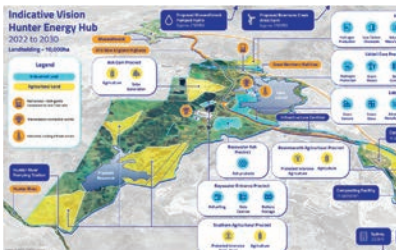
18 January 2023



Demolition contractor appointed

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Progress on the Hunter Energy Hub

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Support for LGBTQIA+ youth in the Upper Hunter

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Liddell Power Station has been a social, cultural and economic institution of the Upper Hunter for more than 50 years, serving as a key contributor to employment, critical energy generation and regional prosperity.

With the scheduled closure now 100 days away we are mindful of the significant interest in what this means for our community. This will be the first of regular newsletters to keep everyone informed of all the latest closure developments, our work to honour the history and heritage of Liddell and everyone who has worked there, and to provide updates on our plans to transform our site into a low-carbon integrated energy hub.

If you have questions or know of anybody who'd like to join our mailing list please contact liddellinfo@agl.com.au. We'd also welcome suggestions on the information you'd like included.

Further information relating to Closure and Transition, including fact sheets on Decommissioning/Demolition, the Liddell Ash Dam and our approach to People and Culture can be found on our [website](#).

Warm regards,



Len McLachlan
General Manager – Bayswater & Liddell

Closure, decommissioning and demolition timeline

April 2022	Closure of Unit 3
April 2023	Closure of Units 1, 2 and 4
May 2023	Decommissioning begins (approx. 6 months)
Early 2024	Demolition begins (approx. 2 years)



Demolition contractor appointed

The transformation of Liddell Power Station into a low carbon integrated industrial energy hub has reached an important milestone with Delta Group awarded the contract for site demolition.

After announcing the closure of Liddell eight years ago, the first of four units was retired in April this year and the final three are scheduled for retirement in April 2023. The station will then begin a six month 'decommissioning' stage before the demolition work commences in 2024.

First steps in transition to industrial energy hub

AGL Chief Operating Officer, Markus Brokhof said it will be the first of AGL's thermal generation sites to be converted into an integrated, low-carbon industrial energy hub, which will support energy reliability and regional economic development.

"After over 50 years of generating electricity for Australia, Liddell Power Station has reached the end of its technical life and will close in April 2023. We're very pleased to announce that Delta Group has today been awarded the contract for the demolition of the station," Mr Brokhoff said.

"This appointment is based on our shared value of safety first and an equally strong commitment to local engagement and care for community and the environment.

"It's a significant piece of work; Liddell Power Station has been a fixture of the Upper Hunter landscape for a long time now and it's also the home of many great memories for thousands of people who've worked there over the years so naturally there's intense interest in the next steps once it closes. "Critical infrastructure will be retained to support the ongoing use of the site as an industrial energy hub that will help provide jobs and essential economic activity for the region."

90% of existing station to be recycled

The demolition process is expected to take approximately two years and work will include removal of all main structures (boilers, chimneys, turbine houses, coal plant) and ancillary buildings and leveling of the site using recovered crushed concrete.

More than 90% of the materials in the power station will be recycled during demolition, including 70,000 tonnes of steel. To put this in perspective, the total weight of steel works for the Sydney Harbour Bridge is approximately 53,000 tonnes.

A range of demolition techniques will be used through the project, including explosive felling, pull felling and machine demolition.

Progress on the Hunter Energy Hub

Development of the Hunter Energy Hub on the site of the Liddell power station is a step closer thanks to an agreement between AGL and the Australian Renewable Energy Agency (ARENA) to formally negotiate the terms of funding for a large scale battery.

AGL is working with ARENA to negotiate terms of a funding agreement for a 250-megawatt (MW), 500 megawatt-hour (MWh) grid scale battery under the Large Scale Battery Storage Funding Round.

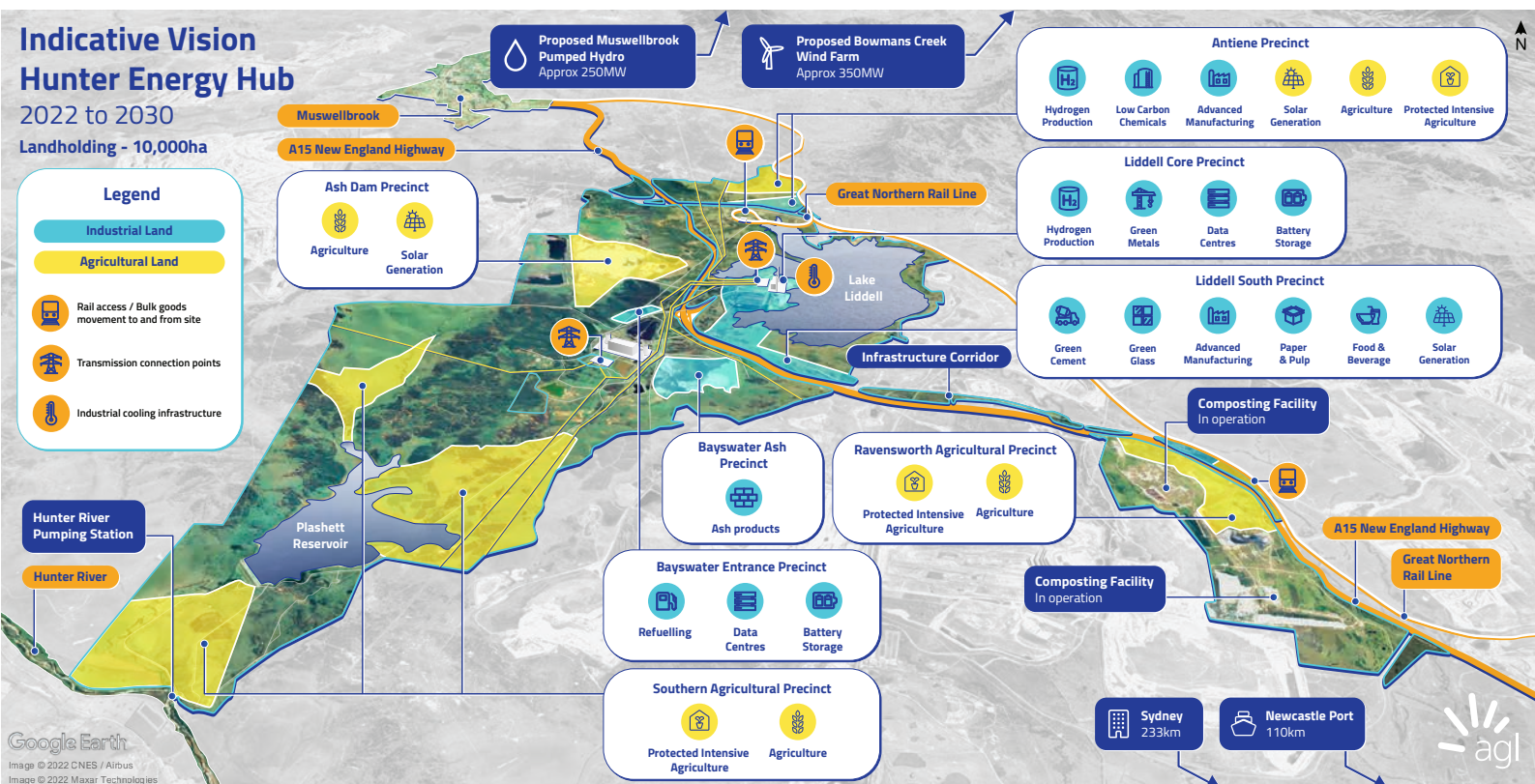
The Liddell big battery would form an integral part of a proposed energy hub at the site and is planned to incorporate advanced inverters providing grid forming capabilities that improve the overall security of the energy system.

The Energy Hub is at the core of AGL's plans to rejuvenate the site so that it can continue to be a major

player in the economic, cultural and social life of the Upper Hunter.

A wind farm, a solar storage system, a waste-to-energy plant and a green hydrogen production facility would sit alongside the Liddell battery to form part of the integrated energy hub and AGL is working with several partners to progress feasibility studies into each of these.

An infographic of the indicative vision for the site can be found below.



Three generations at Liddell

There'll be plenty of reflections on all the good times at Liddell in the months ahead and great stories are already coming in thick and fast, including details of an amazing multi-generational connection the Jones/Channon family have with Liddell.

Their story began with Lloyd Jones who drove the trucks filled with cement used to build Liddell, before working for 15 years as a GSS Cleaner & 7x3 "D" Shift Cleaner where he made many life-long friendships. It will end with his grandson Jackson Channon who'll work as electrician on-site till closure. In between there's been a Liddell marriage with Jackson's mother Margaret meeting his father David while they both worked on site alongside a couple of his uncles (Trevor & Gary).

Margaret says she has many happy memories from her time at Liddell.

"From 1967-1973 I attended school with many of Liddell's original employees' children, both at South Muswellbrook & Muswellbrook High. Once I got a job at Liddell, I never looked back, it was such an enjoyable place to work – especially out in the workshops. I made a lot of friends. I had some interesting & funny experiences working in the different mechanical & electrical workshops for some amazing supervisors – Alf Rieck, Al Perry, Wayne Salmon, Max Greentree & Les Taylor – were some of the "best" in my opinion, and I'm sure others would agree" Margaret said.

While meeting her husband during her time there was a highlight, seeing Jackson continue the family tradition isn't too far behind.

"One of the best things that has ever happened to us as parents was Jackson getting the apprenticeship – it was a very proud moment for us. He did have the choice of going to the mines or Liddell, but with a little bit of persuasion he opted for Liddell! His grandfather was still alive at the time, so it was really special for him as well."

The significance of being part of the team when Liddell's



time comes to an end is not lost on Jackson.

"Liddell closing will be a big change for us as a family. Every time mum and dad drive past the station on the way to Singleton there are so many memories. We've been here from the very start with Pop driving the trucks of cement to build the station and then for me to be here working as an electrician when it closes will be pretty sad," Jackson said.

"But it's been a really good place to learn – there's a lot of people out here, it's a big community and I wouldn't be the tradesman that I am without Liddell. It's old technology but it's also had bits that have been upgraded and they're easy to work on. The fact that it breaks down a lot - being so old(!) - gives us a lot of work and a lot of experience in certain things and the opportunity to grow and learn as tradesmen. It's definitely the best place I've worked."

While there's plenty of sadness about the impending closure Jackson said he's also excited about what the future holds.

"With the closure I'm going to Bayswater and I'd like to stay there till the end. I've got a few plans for my future; I've started my advanced diploma in electrical engineering – I'd like to try and venture into the technician roles but the technology is changing and there's opportunities opening up, things are changing rapidly and I think that's going to be a good thing."



Wanted: Details of former staff

Honouring the history of Liddell will be a major focus in coming months and planning is well advanced for an Employee & Community Day to mark the closure.

Up to two thousand people are expected to enjoy site tours, historical displays and a range of family friendly activities on the day.

If you are a former employee, or if you know of any who might be interested in attending, please send contact details to celebrateliddell@agl.com.au. Photos or stories from the past can also be sent to the email address and will help tell the story of Liddell Power Station during the closure event. A private Facebook page has also been set up for former employees to share their, videos, photos, and memories, you can request to join [here](#).

If you have videos or photos that haven't been digitised, and you would like to share them, please email celebrateliddell@agl.com.au and we will work together to get them digitised and returned to you.

Support for LGBTQIA+ youth in the Upper Hunter

AGL is proud to sponsor many community, cultural and sporting organisations across the Upper Hunter and welcomes applications for funding and support.

Our priority is to enhance quality of life for people in the region and our employees regularly enjoy helping out with community events. Applications can be made [here](#) and any enquiries about our sponsorship program can be directed to Community Relations coordinator [Jo Ferguson](#).

Recently our commitment to community helped boost the support network available to LGBTQ+ young people across the Upper Hunter by providing diversity and inclusion training for 20 youth workers at Muswellbrook PCYC.

The practical one-day workshop built confidence for the participants in their work with people of diverse genders, sexualities and/or intersex status by helping them understand how to make a difference as an individual, for their organisation, service or school when working with LGBTQ+ people.

Like most rural areas, support services for LGBTQ+ youth in the Upper Hunter are limited and Twenty 10 Community Education Officer Kristian Reyes says greater understanding will help bridge the gap.

"We don't have specialist services here, so we need to upskill those currently working with our youth. They need to have the knowledge of the LGBTQ+ community and know how to work with, how to support and how to affirm young people in the community. They also need to know how to link them with the appropriate services – be it local or state – that can support them further," Reyes said.

Teagan Swinbourne, a support worker from Muswellbrook's Early Links, said the training will be invaluable.



"We work with a lot of young people who are going through tough times and who are in a vulnerable space and need support. We now have that understanding to be a person that they can trust and come to," Swinbourne said.

"This is the second time we've been able to provide this training for youth workers which means there are now 40 more people in our Upper Hunter community better equipped to support LGBTQ+ youth," said Shine Committee Chairperson Kyle Wilson.

"We heard the experience of one of our Shine Committee members who had grown up feeling the weight of having to conceal their sexuality at home and in the community. They spoke of feeling as though they were 'the only one' and not knowing where to go for support.

"Shockingly we learned that in 2021 Australian LGBTQ+ identifying youth were still six times more likely to attempt suicide.

"So the training we're providing is about creating intergenerational change, making sure youth of today receive the sort of support that previous generations may not have received."



Setting up for a successful transition: leadership training

With 55% of the Liddell Power Station workforce taking the option of redeployment to Bayswater Power Station, ensuring a smooth transition for everyone involved is a key piece of work and leaders from both sites have recently undertaken training on how to successfully blend teams.

Brad Williams, Program Director for AGL's site transition, says this is an important part of the process.

"While the closure of Liddell has been planned for a considerable time, we recognise that it is a significant milestone that will have a personal impact on all of our people, including our valued contract teams. Making sure we are ready for the change is a vital part of our closure planning.

We're trying to be aware of all the potential difficulties and issues that people might face so that as they're redeployed they're feeling comfortable about slotting into a new team and confident that they'll enjoy the new working environment," Mr Williams said.

Contact

If you see anyone from Liddell around town this summer, make sure to say hello or, give us a call on 1800 039 600 or send an email to liddellinfo@agl.com.au.

