

Tallawarra B Project fact sheet



Tallawarra power station is on the traditional Country of the Dharawal peoples. EnergyAustralia respects and acknowledges their continued connection to Country, culture and community.

New South Wales requires fast start gas to balance the energy system and we have responded with the Tallawarra B project. The project is the development of a fast-start open cycle power station, which in peak periods will deliver reliable power to an additional 60,000 New South Wales homes. Its construction will contribute \$300 million to the economy and create 250 jobs.

Located on the shores of Lake Illawarra at EnergyAustralia's existing Tallawarra power station, the Tallawarra B project will deliver Australia's first net zero emissions hydrogen

and gas capable power plant, with direct carbon emissions from the project offset over its operational life.

The Tallawarra B project will be ready for the summer of 2023-24, ahead of the scheduled retirement of the Liddell power station.

With its fast-start flexible capacity, the Tallawarra B project will play a vital role in maintaining system security, complementing renewables coming into the system, and providing reliable power to customers in New South Wales.

The Tallawarra B project sets a new benchmark for how gas generators can be consistent with the NSW Government's plan to be net zero by 2050 by using green hydrogen and offsetting residual emissions.

Matt Kean MP, Minister for Energy and Environment



Above: EnergyAustralia's existing Tallawarra power station. Shaded area indicative of the Tallawarra B project location.



fully offset over operational life



located in Yallah, NSW



316 MW
proposed capability



150,000
homes powered annually



CO₂e
natural gas and green hydrogen blend



250
jobs during construction



2021
construction due to commence in late 2021



2023
ready for summer of 2023-24

Building a new power station

The Tallawarra B project will expand the existing Tallawarra 132kV switching station and associated transmission line works. This work also extends to a new connection agreement, upgrading common site services and facilities, and transforming Tallawarra power station into a two-unit site to support New South Wales with improved energy security, reliability and flexibility options.

Creating a cleaner energy blend

The project will be fuelled by natural gas and designed to operate with a five per cent volume of green hydrogen from 2025. EnergyAustralia will investigate the potential to increase the percentage of green hydrogen in the fuel mix over time.

Tallawarra B's greenhouse gas emissions will also be fully offset over its operational life through Australian Carbon Credit Units registered with the Commonwealth's Clean Energy Regulator, with some flexibility after 2030 to use other credible offsets that may emerge.

Next steps

We are committed to undertaking all activities of the Tallawarra B project in a manner that minimises pollution, environmental and cultural impacts, and complies with relevant legislation, industry standards and codes of practice.

Preliminary construction and site readiness activities are due to kick off in late 2021

The project will be completed and ready in time for the summer of 2023.

Serving the region for more than a decade

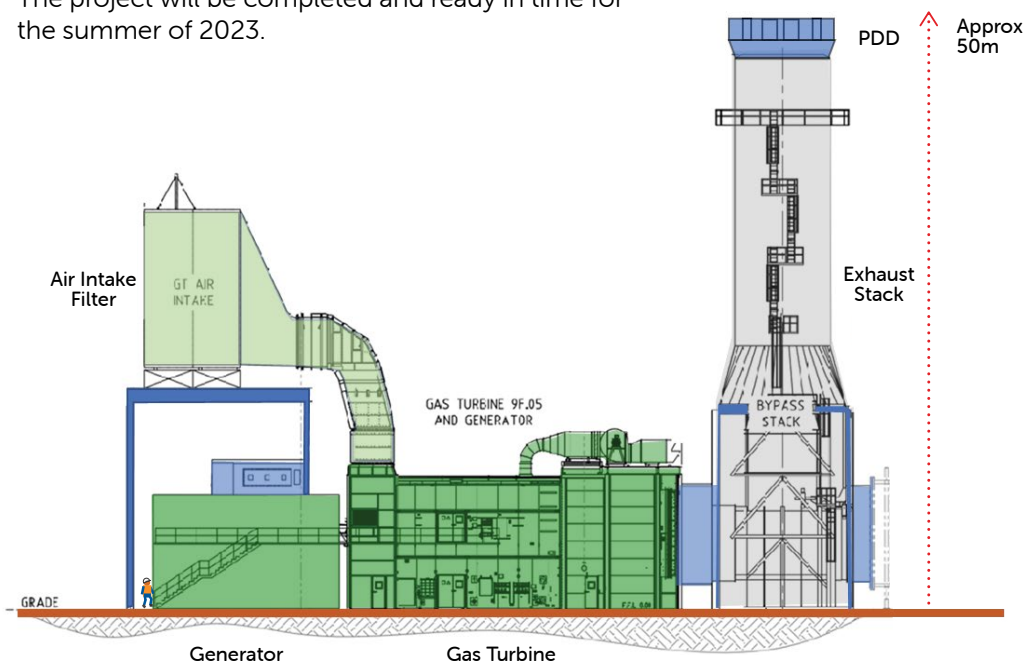
EnergyAustralia's existing combined cycle Tallawarra power station has been in operations since early 2009. It's one of Australia's most thermally efficient, large-scale gas-fired power stations, with a generation capacity of 435 MW – which is enough power to supply up to 200,000 homes.

The site employs around 35 people, each year contributes in-kind and financial support through its community grants and workplace giving program where employees can make pre-tax donations to local charities. When major maintenance is undertaken, EnergyAustralia has a standing commitment to hire and procure locally.

About EnergyAustralia

EnergyAustralia is a leading energy retailer and generator with 2.4 million accounts across eastern Australia. We supply energy to our residential and business customers from a modern energy portfolio, underpinned by coal and gas power plants, as well as renewable energy sources.

We operate Australia's largest energy sector carbon offsets program, with more than 1.6 million tonnes of CO₂e already fully offset and accredited by Climate Active. Under our offsets offering, more than 250,000 of our customers receive carbon neutral electricity and gas at no extra cost.



Above: An elevation drawing of the Tallawarra B project. The Project is Australia's first net zero emissions hydrogen and gas capable power plant, with direct carbon emissions from the project offset over its operational life.

Find more information on the Tallawarra B project website at:
www.energyaustralia.com.au/about-us/energy-generation/energy-projects

Contact the Community Relations Team at:
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