

Bungaban Renewable Energy Hub

Bungaban
Joint venture project



Bungaban represents a major step towards securing large-scale, low-cost renewable energy to support Australia's energy transition.

Bungaban is situated on the traditional lands of the Iman and Auburn Hawkwood Peoples, in the Western Downs and Banana Shire regions.

The Bungaban Renewable Energy Hub includes individually permitted wind and solar projects working together in one location.

Co-locating these two projects takes advantage of the area's natural energy patterns – where wind picks up as the sun goes down – ensuring renewable energy can power the grid around the clock.

Bungaban will be hosted on 10 landholder properties, coexisting with long-established grazing and agricultural operations, supporting diversified and resilient regional land use.



Bungaban Wind

A \$3.9 billion, 1.4GW development that will provide clean energy to the equivalent of 860,000 Queensland homes, displacing about 4 million tonnes of carbon from the state's energy generation profile every year.

Bungaban Wind is the first project being developed as part of the Bungaban Renewable Energy Hub.



Bungaban Solar

A 500MW solar project strategically sited near the Bungaban Wind project site. Bungaban Solar will leverage existing infrastructure to optimise renewable energy output.

Development and construction of Bungaban Solar will be staged to reduce accommodation and workforce pressures locally.

Acknowledgement of Country

Bungaban is located on the traditional lands of the Iman and Auburn Hawkwood Peoples. We respect and value their diverse, deep and enduring connections to Country, culture, and customs.

Working on Country comes with responsibility that we recognise and prioritise. We thank each Traditional Owner group for their perspectives and guidance, ensuring their cultural values are protected and are at the centre of a successful project.

Bungaban Renewable Energy Hub



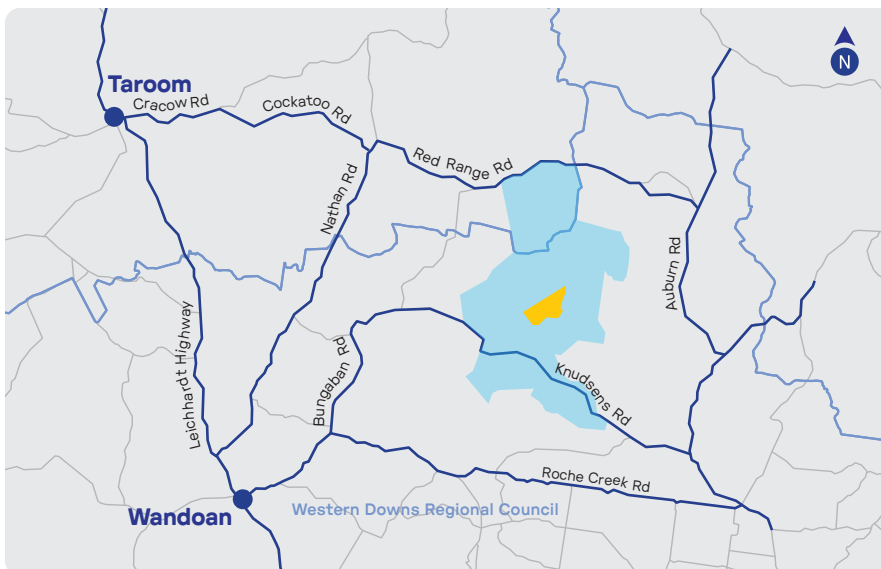
Complementary wind and solar projects.



Grid firming and storage technology for network strength and clean power when it's needed.



Reliable low-cost, energy for Australian homes and industry.



The Bungaban Renewable Energy Hub comprises individually permitted, complementary wind and solar projects within one region.

20km

Bungaban Solar | Bungaban Wind

Clean power for Queenslanders, bright future for our state's powerhouse industries

Bungaban represents a landmark step in securing large-scale, low-cost renewable energy, eliminating about 4 million tonnes of carbon from the state's energy generation profile every year. A strategic partnership with Rio Tinto for 25 years will see 80 per cent of all energy produced from Bungaban Wind powering mineral processing operations in Gladstone.

As the largest renewable energy Power Purchase Agreement (PPA) in the National Energy Market, Bungaban will play a critical

role in securing the sustainable future of central Queensland's metals and advanced manufacturing industries, supporting over 3,000 employees in central and regional Queensland.

This landmark PPA underscores the value of new renewable energy projects in sustaining central Queensland's metals and advanced manufacturing industries, which are vital to our nation's low-carbon future.



A coordinated approach to development

Although separately permitted projects, planning is coordinated wherever possible to reduce impacts on neighbouring communities and make efficient use of existing infrastructure.

Construction of Bungaban Solar is planned to commence after the peak construction period for Bungaban Wind, helping minimise cumulative impacts on local roads, accommodation, services and the broader community.

Supporting lasting community benefits

Bungaban is designed to leave a positive legacy for local communities. We are grateful to the landholders and communities who host our projects and are committed to creating shared benefits and a lasting positive legacy.

Since 2022, we have worked closely with landholders, Traditional Owners, councils and the wider community to understand local priorities, maximise regional benefits and manage project impacts responsibly, ensuring the project supports Queensland's renewable energy transition while reflecting community feedback.

Bungaban will deliver more than \$50 million through community benefit initiatives.

This includes a Community Benefit Framework for Bungaban Wind worth more than \$2 million annually, with funding for locally led projects, neighbouring landholders and long-term legacy initiatives.

Shared Benefit Agreements with the Iman Wardingarri Aboriginal Corporation and Auburn Hawkwood Peoples Aboriginal Corporation will also support cultural heritage, employment opportunities and enduring partnerships.

Bungaban Renewable Energy Hub is being developed under a 50/50 joint venture agreement between Windlab and Squadron Energy.



Windlab is Australia's clean energy pioneer with deep expertise in the development of innovative wind and solar projects, delivered with a strong focus on community, Country and long-term outcomes. Drawing on its CSIRO origins, Windlab is recognised for its proprietary WindScape and GridScape technologies and has helped shape around 20% of all connected wind projects in Australia's National Electricity Market.



Squadron Energy is Australia's leading renewable energy company that develops, operates and owns renewable energy assets in Australia.

Squadron Energy is 100% Australian owned and have 2 gigawatts (GW) of renewable energy in operation and under construction.

Get in touch

We value feedback to inform the responsible development of our projects. Frequently asked questions are available on our website, or you can get in touch with the team at any time.

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