



Australia's 'small-but-mighty' offshore wind project

Blue Mackerel will play an important role in Australia's continued transition to renewable energy.

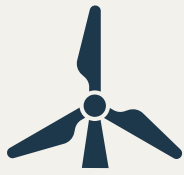
With Victoria's remaining coal power generation set to retire in the coming years, the need for new, and clean energy sources has never been greater.

By delivering large-scale renewable energy, Blue Mackerel could generate significant environmental, economic and social benefits.



We acknowledge the Gunaikurnai people, the Traditional Owners of the land and waters where the proposed Blue Mackerel offshore wind project will be located. We pay our respects to their Elders past and present. We aspire to a genuine partnership with the Gunaikurnai people, custodians of the Land and Sea Country on which Blue Mackerel is planned.

Project size



The potential
to generate
1GW
of renewable
energy



Approximately
60-70
wind turbines
spaced approximately
1km apart



Power into the grid
for approximately
750,000
homes

The 750,000 homes estimate is based on an expected annual energy output of about 3,504 gigawatt-hours (GWh) from the proposed 1GW Blue Mackerel project, assuming a 40% capacity factor and using the average Victorian household's annual electricity consumption of 4,615 kilowatt-hours.



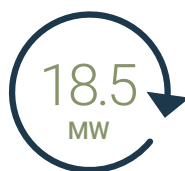
Each turbine could produce up to 15MW of power by spinning at 8 RPM.

271m tall

Each turbine is expected to be up to 271m tall from the ocean surface to the tip of the blade.

The blade

Each blade would be approx 118m long. Together the blades spin in a circle that's up to 236m wide.



Each turbine could produce up to 18.5MW of power by spinning at 7 RPM.

327m tall

Each turbine is expected to be up to 327m tall from the ocean surface to the tip of the blade.

The blade

Each blade would be approx 146m long. Together the blades spin in a circle that's up to 292m wide.

Current plans

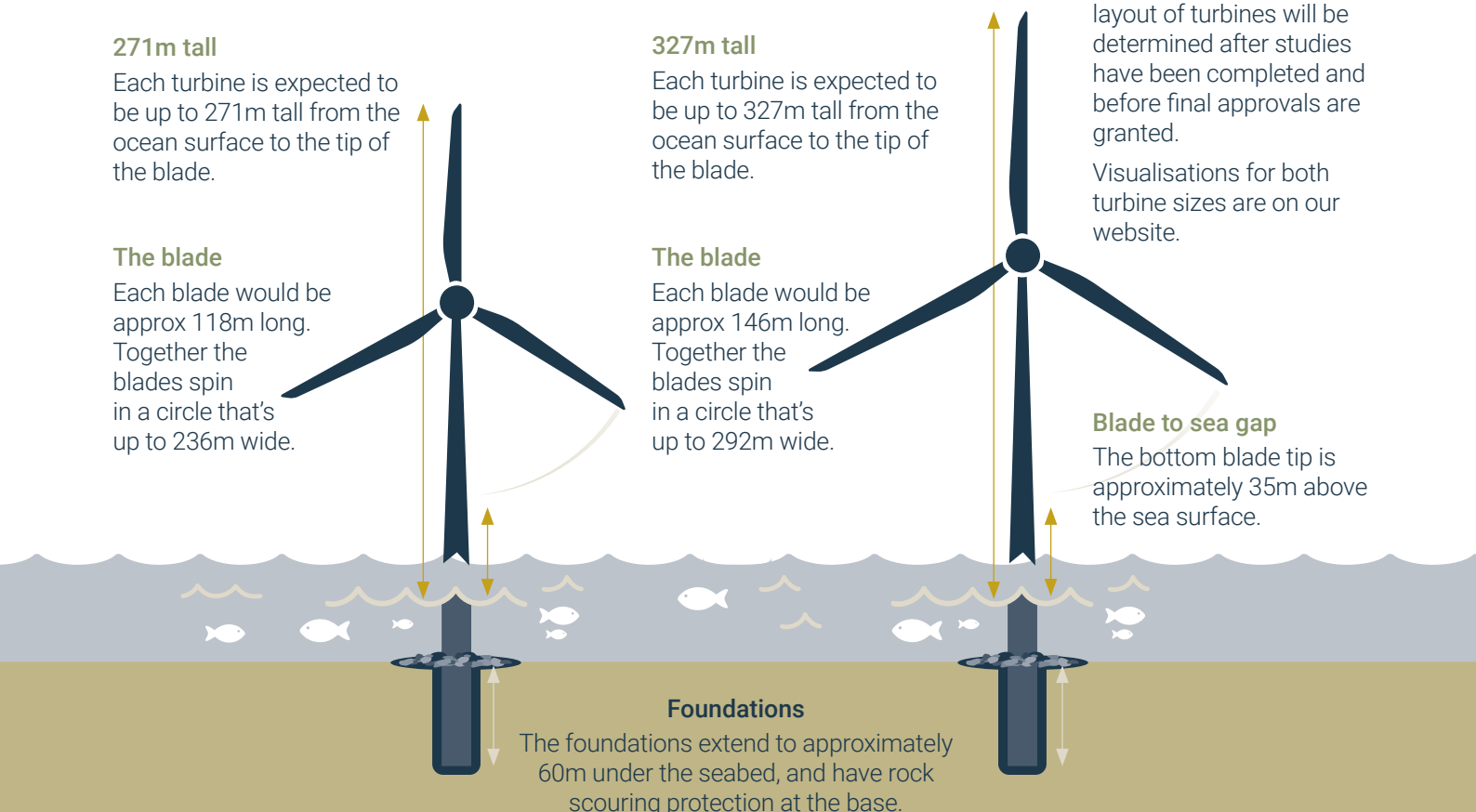
Our current plans are for 15MW turbines. Should new technology become available such as a larger 18.5MW turbine, they would be taller but fewer would be needed.

The exact number, size and layout of turbines will be determined after studies have been completed and before final approvals are granted.

Visualisations for both turbine sizes are on our website.

Blade to sea gap

The bottom blade tip is approximately 35m above the sea surface.



Our timeline and progress



Blue Mackerel received one of Australia’s first offshore wind licences and was the first offshore wind project to have a Management Plan for marine activity approved by the Offshore Infrastructure Regulator.

We’ve completed early-stage marine surveys, preliminary site layout and foundation design. A two-year metocean study commenced in March 2025 with equipment temporarily moored to collect data on wind and wave conditions.

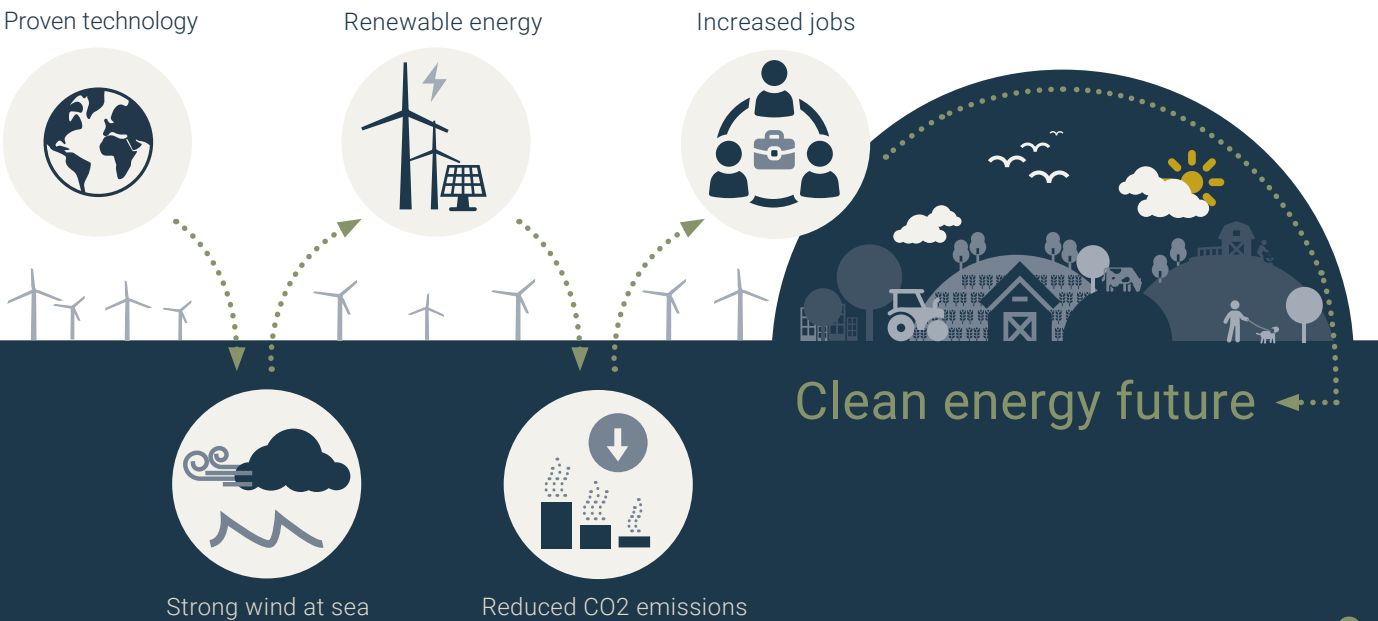
Two years of environment surveys commenced mid-2025 to study marine flora and fauna and prepare impact assessments. Community consultation, commercial fishery and other marine user engagement and impact assessments are also underway.

Backed by two of the world’s leading energy companies, Blue Mackerel is strongly positioned to be one of Australia’s first offshore wind operators.

Offshore wind benefits

Offshore wind is a fast-growing global renewable energy source. The new offshore renewable energy industry in Gippsland will bring many lasting economic and environmental benefits from a new clean energy source.

The Gippsland declared offshore wind area was selected because it has strong and consistent winds, access to existing electricity infrastructure and is close to Victoria’s major energy users. New offshore wind industry jobs will create opportunities for workers transitioning from fossil fuel industries.



Community

Local knowledge, questions and input will help shape how our project is developed and contributes to the lasting benefits Blue Mackerel will bring to the region.

We are committed to open, transparent and honest communication alongside genuine engagement with local communities, Traditional Owners and First Nations peoples, the fishing industry, government and other stakeholders.

As further plans and studies become available, we will share information early and often, and in a way that's easy to understand, and meets different needs.



Register with us for updates by visiting
www.bluemackerel.com.au



About us

Blue Mackerel is being developed by JERA Nex bp, a 50:50 joint venture between JERA Co and bp. With more than 15 years' global experience in offshore wind, JERA Nex bp is one of the world's largest offshore wind companies and an end-to-end developer, owner and operator.



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