



BlueFloat Energy acknowledges the Awabakal and Worimi people as the Traditional Owners of the area in which our Project will be located. We respect their deep and enduring connection to the land, water, air and sky.

MAY 2023



BlueFloat Energy is developing the Eastern Rise Offshore Wind Project, off the Hunter-Port Stephens coast, between Newcastle and Nelson Bay.



The Project has capacity to generate 1.7 gigawatts, which is enough to power around 825,000 homes with green energy.



We're considering connecting the Project to the energy grid via the Tomago switchyard. Our preference to use shared transmission lines where possible.

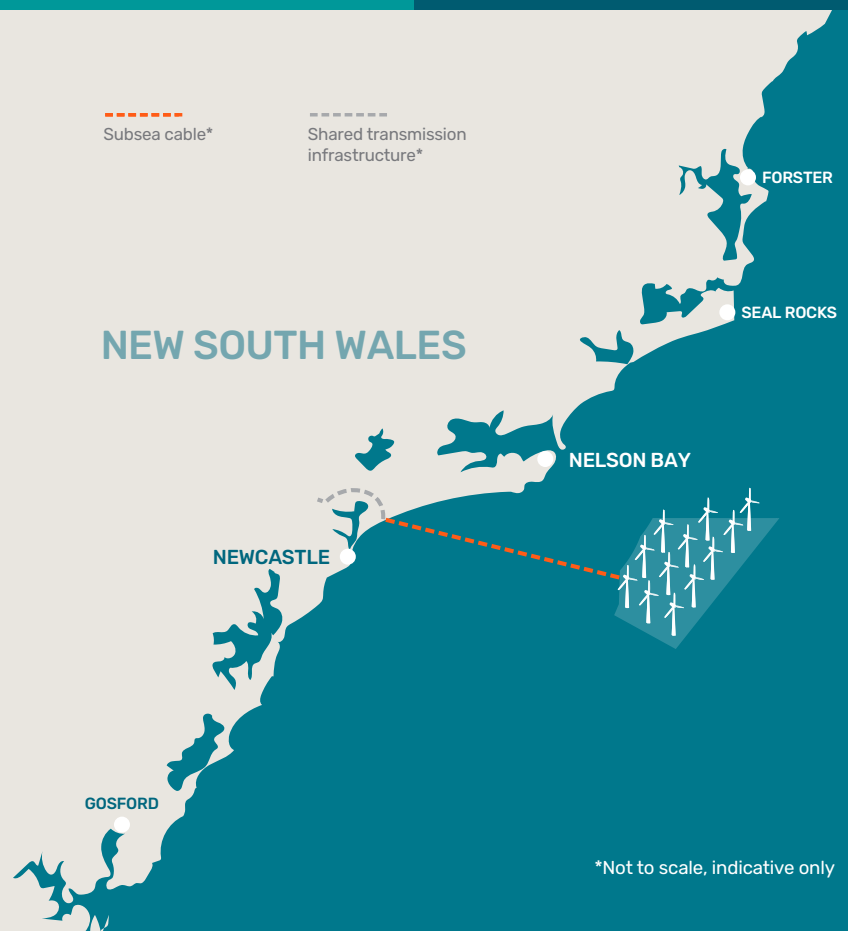


The Project is located approximately 25-45 km off the coast and is made up of 115 floating turbines, three offshore substations.

Offshore wind developments off the Hunter coast

The Commonwealth Government has proposed an area in the Pacific Ocean, off the coast of the Hunter region, as potentially suitable for offshore wind developments. Our Project would be located within this area.

The Department of Climate Change, Energy, the Environment and Water (DCCEEW) has asked the community for feedback about the proposed area. This feedback will help inform any decision about formally declaring the area an offshore wind zone.



Floating turbines

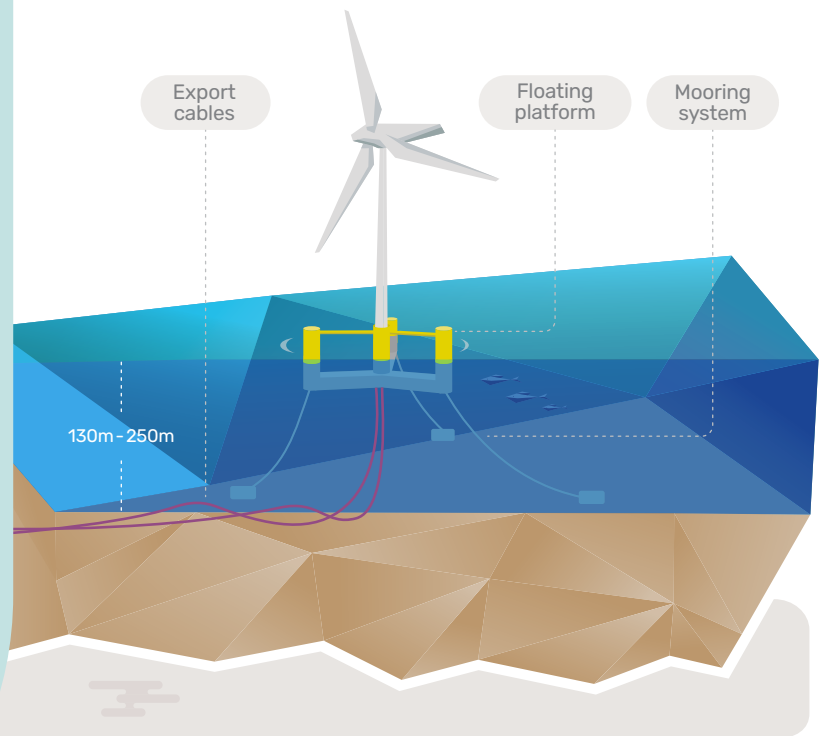
FLOATING vs BOTTOM-FIXED TECHNOLOGY

There are two main types of offshore wind turbines; fixed-foundations for water depths up to 60m, and floating foundations for deeper waters.

For this Project, we're planning 115 floating foundation turbines, tethered to the seabed in depths of between 130m and 250m.

There are different types of floating foundations. The image right shows a 'semi-submersible' foundation concept, which is currently the most likely and could be manufactured from either steel or concrete.

The final foundation concept will be selected after further investigations and engineering.



Not to scale, indicative only

What's needed for the Project to proceed?

Before we can build our Project, we require several approvals. Under current legislation, both Commonwealth and State approvals are needed. These include the following.

Commonwealth Offshore Electricity Infrastructure Act 2021 (OEI Act)

This provides the framework for the development, construction, operation and decommissioning of offshore renewable energy projects in Australia.

The first step for any offshore wind project is to obtain a Feasibility Licence. This enables developers to have access to an area of the seabed for environmental surveys and technical studies. The data collected combined with community feedback helps in the planning and development stages.

The next step is to obtain a Feasibility Licence and the developer will apply for a Commercial Licence.

The Commercial Licence allows offshore wind projects to be built, operated and decommissioned. The licence lasts for 40 years and includes the construction, operation and decommissioning of the Project.

Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)

This is the Commonwealth's main environmental legislation and protects matters of national environmental significance (MNES).

Based on a preliminary assessment, we believe that the Project has the potential impact on the following MNES:

- listed threatened species and ecological communities
- listed migratory species (protected under international agreements)
- Commonwealth marine areas.

All projects with potential to impact on matters of national environmental significance must be referred under this Act.

We will be making three referrals – one for the main Project, one for initial marine investigations and one for geotechnical and geophysical investigations.

There will be a 10 day public consultation period where DCCEEW will seek feedback on the referrals.

We're expecting further approvals will be needed from state governments.



More information about the approvals needed for offshore wind, can be found on the DCCEEW website at www.dcceew.gov.au.

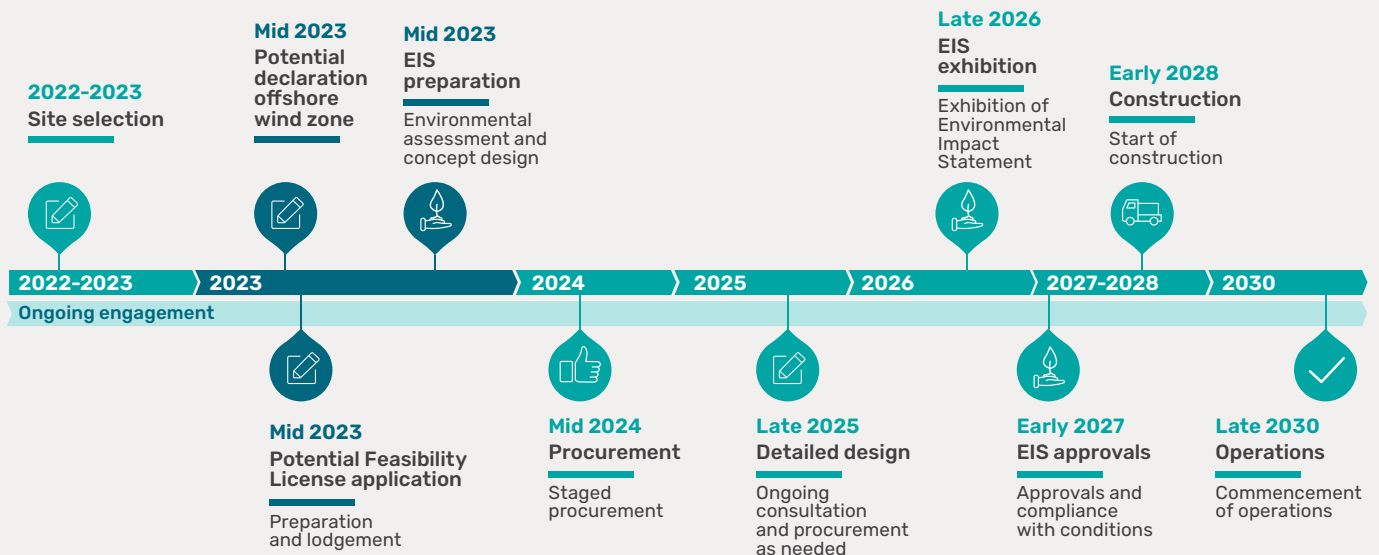
What is a referral?

A referral is a submission by the Project to the Commonwealth Government declaring the Project has potential to impact on protected matters or matters of national environmental significance.

What is a controlled action and not a controlled action?



Project timeline





What's important to you?

It's important that our Project co-exists alongside the community and other industries like tourism, fishing and resources.

We want to create lasting benefits for the Hunter and Port Stephens region through the delivery of our Project. The offshore wind industry will provide jobs in construction, operation and maintenance. There will be flow on effects and benefits to share as the new industry develops.

Community information sessions

We're hosting several community drop-in sessions in May around the greater Newcastle and Port Stephens areas. We want to tell you about our Project, and we want to hear from you.

Come and tell us what is important about where you live and how we can work with you.



Stay informed

Use the QR code to sign up to receive updates.

Get in touch

We'd love to hear from you!



info@easternriseowp.com.au



easternriseowp.com.au

Information sessions



Salamander Bay

Wednesday 10 May, 10am – 2pm

Salamander Square Shopping Centre
2 Town Centre, Salamander Bay



Nelson Bay

Wednesday 10 May, 4pm – 7pm

West Nelson Bay RSL Diggers
88 Shoal Bay Rd, Nelson Bay



Charlestown

Thursday 11 May, 9am – 1pm

Charlestown Square Shopping Mall
30 Pearson St, Charlestown



Cooks Hill

Thursday 11 May, 2.30pm – 5.30pm

Cooks Hill Surf Life Saving Club
107-109 Memorial Dr, Bar Beach

Can't make it?

If you can't attend in person, scan the QR code to register for our online webinar.

Monday 15 May, 5pm – 6pm

