

PORTS



WHAT'S INVOLVED

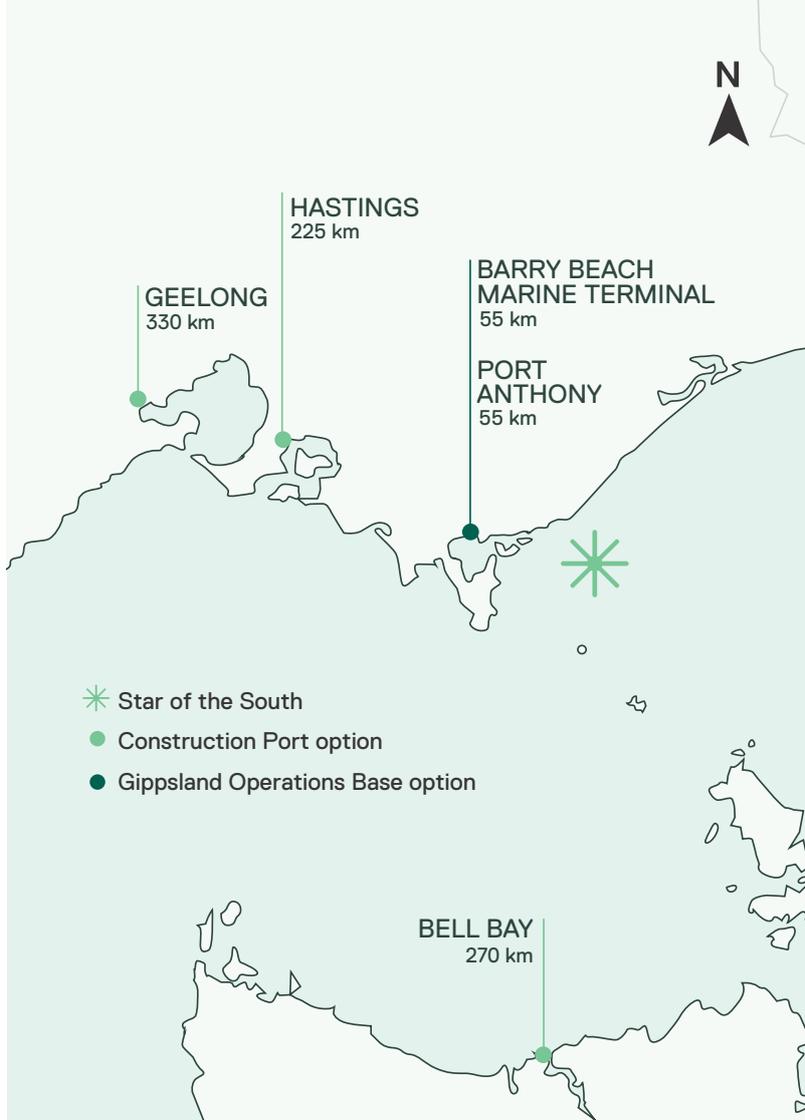
Ports play an important role in offshore wind project construction and operations. This is where a lot of the action happens.

During project construction, large turbine and foundation parts are delivered to and assembled at deep-water commercial ports. For Star of the South we expect to need multiple construction ports. The Port of Hastings, Geelong Port and Port of Bell Bay may be good options.

A Gippsland Operations Base would also be set up at a Gippsland port to manage construction and long-term operations and maintenance. Barry Beach Marine Terminal and Port Anthony are good options as they are nearby, have available land and experience serving the offshore oil and gas industry.



See how turbines are transported and installed.



- * Star of the South
- Construction Port option
- Gippsland Operations Base option

PORT REQUIREMENTS

Right now, no Australian ports are set up to handle offshore wind farm components. Port operators are planning upgrades to their facilities to meet the needs of this new industry.

Here's an overview of the expected requirements for Star of the South.



Example construction port (Veja Mate, Germany)



The potential location of the Gippsland Operations Base

Construction ports

Multiple ports are expected to be needed during construction.

Key requirements

- Up to 25 ha available land for turbines
- Up to 7.5 ha available land for foundations
- 12 m water depth
- Dedicated berth.

We would use construction ports while Star of the South is under construction, and from time-to-time during operations to support major maintenance activities, if required.

Gippsland Operations Base

Day-to-day construction management, operations and maintenance activities would be managed from a Gippsland Operations Base.

Key requirements

- Up to 1.5 ha available land for warehousing, office, staff facilities and parking
- 6 m water depth
- Dedicated berths for crew transfer or service operation vessels.

The Gippsland Operations Base would operate for more than 30 years, throughout construction, operations and decommissioning.

FREQUENTLY ASKED QUESTIONS

How do you know which ports are suitable?

We worked closely with a range of ports over two years to understand their ability to support Star of the South.

How many jobs will be based at the Gippsland Operations Base?

The Gippsland Operations Base would be home to around 200 long-term jobs for Star of the South during operations. It would also provide a base during construction for marine crew travelling to and from the site.

When will you choose a port?

We're continuing to work with port operators and will look to lock in ports for construction if all goes well with project approvals.

Can Gippsland ports be used for construction?

The vessels used to transport turbine parts are large and require ports with around 12 m water depths. The water depth at Corner Inlet ports is around 6 m.

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We acknowledge the people of the Gunalkurnal nation as the original custodians of Country and pay respect to Elders past and present.

