



# Planning for the Port Kembla Power Station

## The Port Kembla Power Station

Australian Industrial Power is proposing to develop the Port Kembla Power Station; Australia's largest hydrogen capable power station.

With an anticipated final nominal capacity of 635 megawatts (MW), the project will initially leverage natural gas from the new Port Kembla Energy Terminal and then aim to convert to using 100% green hydrogen by 2030 to deliver sustainable energy to NSW.

Depending on the rate at which coal-fired power exits the market, there may be a need for the power station to commence as a smaller scale (435MW) open-cycle unit to provide short-term dispatchable peaking capacity, before potentially moving to the final full 635 MW combined cycle design.

The project will also involve the construction of a short (approx. 16km) transmission line to connect the proposed power station to the broader electrical system.

## Critical State Significant Infrastructure

In August 2021 the project received Critical State Significant Infrastructure (CSSI) status from the NSW Government. CSSI projects are major developments that have a wider significance and impact than just the local area and are deemed essential for economic, environmental or social reasons. The Port Kembla Power

Station project is subject to NSW planning approvals, including the requirement for a public exhibition of the Environmental Impact Statement (EIS).

## Progress update

The pre-feasibility study for the Port Kembla Power Station was completed in January 2021 with the feasibility study now under way. Environmental investigations to support the Environmental Impact Statement (EIS) process are now also commencing. See the project timeline overleaf for further details.

## Our commitment to community consultation

We are committed to keeping you informed throughout the planning process and providing both informal and formal opportunities for feedback as we progress.

We will work with local community members and key stakeholders to understand local values and impacts as part of our environmental impact assessment process.

Once the EIS has been prepared, we will notify you about the public exhibition period. During the exhibition period, anyone may make a written submission on the project.

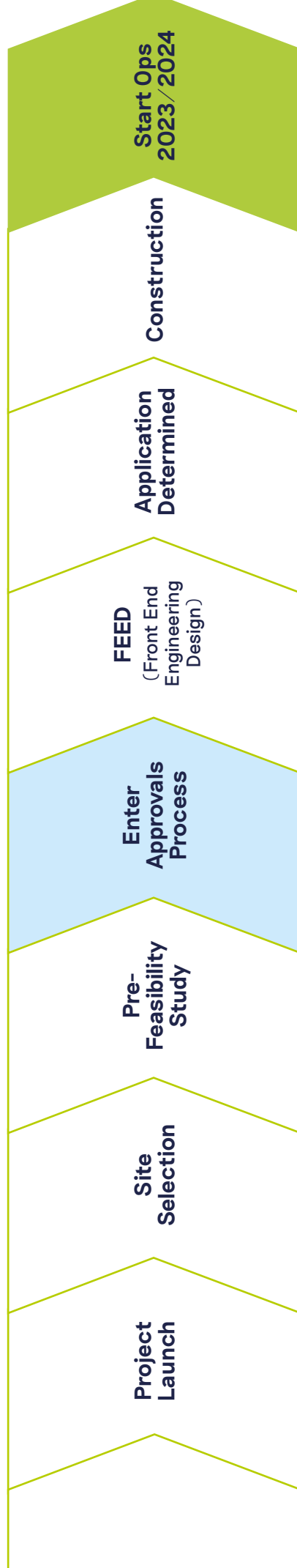
## Project timeline

See the next page for our Key Milestones.

## Project timeline

\* Timeframes subject to planning approvals.

# Key Milestones



**We are here**  
September 2021

To stay up to date with the project, you can:  
 Visit the project webpage:  
[squadronenergy.com/port-kembla-energy-hub](https://squadronenergy.com/port-kembla-energy-hub)  
 Email us at: [community.input@ghd.com](mailto:community.input@ghd.com)  
 Call us on: 1800 810 680  
 Or visit the virtual community room  
<https://squadronenergy.ghdengage.com>

### Community consultation

While we undertake the environmental impact assessment you may see our teams out and about in the community conducting site investigations. These activities include surveys, sampling, test drilling and other geotechnical investigations. If you live in the area and will be impacted by these works we will contact you in advance and ensure you are kept informed.

A number of properties where access may be required have also been identified. We will contact directly impacted landowners to discuss property access for these site investigations over the coming months.