



Illawarra Firming Power Station

In this issue

- Project update
- Project location
- Indicative project timeline
- Community sponsorship

What is firming?

'Firming' refers to backup power sources such as large batteries or gas-fired power stations that are activated when wind and solar energy aren't generating enough power to meet demand.

Australia's aging coal-fired power stations are reaching the end of their life. To deliver reliable, affordable and clean energy to Australian businesses and homes, we're building wind and solar farms, backed by firming.

Project update

We are pleased to introduce the proposed Illawarra Firming Power Station (IFPS), a new firming gas-powered facility, located in Unanderra, an industrial zone seven kilometres south of the Wollongong CBD.

The project is designed to provide back-up electricity when renewable energy sources like wind and solar are not meeting demand.

It will include gas turbines housed in protective enclosures, with exhaust stacks and other supporting equipment. There will also be roads, storage tanks, and other necessary infrastructure on site.

As a firming project, IFPS is expected to operate for around 1000 hours, or around 8-12% of the year (roughly 40 days annually).

The project is currently in the early stages of planning. The final design, including the selection of gas turbine, will be determined after extensive technical assessment and community consultation.

For more information about the project and Squadron Energy, visit the website or contact us on our community information line listed at the end of the newsletter.

Project location



Indicative project timeline



Contact us

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