Gippsland and the Latrobe Valley's offshore wind opportunity

Fast facts

- More than **15,000 offshore turbines** already operating across 20 countries[1]
- One spin can power an average Australian home for 48 hours[2]
- Gippsland has the **strongest conditions** for offshore wind in Australia – a world-class resource
- The UK and Denmark generate over **10% of their electricity** from offshore wind[3]
- Globally, there is 92.5 GW of offshore wind installed, enough to power 102 million homes, with 50 GW more under construction[4]

The value of offshore wind

Energy security
Large-scale generation to support the electricity grid and keep the lights on as coal power stations retire across the 2030s – generating at times when solar and onshore wind produce less.

Cost stability
Offshore wind in Gippsland will reduce total grid costs by $3 billion, lowering Victorian household energy bills by $151 a year from 2040.[5]

Regional jobs and economic growth
Long-term, high-quality jobs and manufacturing opportunities, with strong skills transition from coal, oil and gas.

Less transmission
Offshore wind in Gippsland delivers the most energy for the shortest transmission distances and would save 900 km of additional transmission being built across farmland.[5]

Meeting Victoria's targets
Victoria needs a major expansion of low emissions generation to achieve 95% renewable electricity by 2035 and net zero emissions by 2045. Offshore wind will provide an essential boost.

Stable jobs for energy workers

The Latrobe Valley has been the centre of Victoria's power industry for 100 years.

There is a strong alignment between jobs in coal, oil and gas today, and those offshore wind will create tomorrow.

Tony Wolfe worked at a Latrobe Valley coal power station for more than 40 years and is now a passionate advocate for offshore wind in Gippsland.

Tony sees offshore wind as a once-in-a-generation chance to keep stable energy jobs in the region, keep young people working and thriving in Gippsland, and create hope for a better future.

Hear from Tony

1 Deutsches Zentrum für Luft- und Raumfahrt; DLR, 2025 **2** GE Vernova **3** GWEC Global Offshore Wind Report 2025
4 GWEC Global Offshore Wind Report 2026 **5** Jacobs NEM Offshore Wind Benefits Study, 2026

Why Gippsland?

- World-class offshore wind resource
- Proximity to existing grid infrastructure
- Suitable seabed and ocean depths
- Skilled workforce and energy expertise
- Port access
- Broad support for new industries, jobs and other benefits.

Gippsland and the Latrobe Valley – geared up for offshore wind

Local services and experience ready to deliver offshore wind projects:

- Large scale construction, engineering and fabrication industry
- Advanced manufacturing capability
- Experience servicing the coal, oil and gas industry
- Local aviation services
- Logistics and transport capability
- Port warehousing and transport facilities
- Consultancy services
- Construction materials
- Maritime services

Lifecycle of an offshore wind project

The offshore wind lifecycle demonstrates long term planning, scientific rigour, and economic benefit.

Feasibility & Research

Environmental studies, seabed mapping, Traditional Owner and community engagement, engineering and approvals.

Operation

Continuous clean energy generation, long-term local community benefit programs, Traditional Owner partnerships, ongoing environmental monitoring management.

Construction

Manufacturing, port upgrades, offshore installation, transmission, thousands of construction and supply chain jobs.

Decommissioning / Repowering

Turbines removed or upgraded.

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