



OIR
Australia's Offshore
Energy Regulator

Cross jurisdictional engagement on offshore wind

WA Clean Energy Forum

7 February 2023

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The journey so far

- The *Offshore Electricity Infrastructure Act 2021* entered into force on 2 June 2022
- OEI Act establishes the Offshore Infrastructure Regulator to oversee work health and safety, infrastructure integrity and environmental management of offshore infrastructure activities in Commonwealth waters
- The Offshore Electricity Infrastructure Regulations covering arrangements for licensing, spatial referencing fees and levies entered into force on 2 November 2022
- The Federal Minister for Climate Change and Energy announced priority areas for assessment for area declaration including:
 - Hunter and Illawarra offshore NSW
 - Portland offshore Victoria
 - Northern Tasmania
 - Perth/Bunbury offshore WA.
- Bass Strait off Gippsland declared as Australia's first offshore wind zone in December 2022
- Invitations to apply for feasibility licence applications in the Gippsland declared area open until 27 April 2023






Interest in Australia

Northern Territory

1 proposed transmission project

Key

-  Fixed or floating offshore wind
-  Transmission infrastructure/interconnectors
-  Offshore wind and land-based solar development

Up to 60 GW capacity

Western Australia

13 proposed projects

Up to 16.9 GW capacity



South Australia

2 proposed projects

Up to 1.5 GW capacity



Tasmania

2 proposed projects

Up to 1.75 GW capacity



New South Wales

11 proposed projects

Up to 19.6 GW capacity



Victoria

13 proposed projects

Up to 20.75 GW capacity

Note: No licences have been granted in Australia to date.

Potential projects are based on publicly announced industry proposals

Last updated December 2022

Challenges and opportunities



- Policy and legislative development
- Area identification and planning to support co-existence of offshore wind with other marine industries
- Grid connection
- Port and infrastructure upgrades
- Energy supply - Timing for construction and commissioning with retirement of traditional generation assets
- Cost competitiveness of offshore wind with onshore generation and storage
- Supply chain development
- Workforce transition, skills and training
- Licensing and regulatory approvals





Offshore Infrastructure Regulator

Level 8, Alluvion, 58 Mounts Bay Rd, Perth WA 6000
GPO Box 2568, Perth WA 6001 Australia

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