

Star of the South

ICN Victoria 2022 Australian Grand Prix Breakfast Event

STATISTICS.

9 April 2022



We acknowledge the Traditional Owners of the lands on which we meet today, the Wurundjeri people of the Kulin Nation and pay our respects to their elders past, present and future.



About Star of the South



Project overview



See how Star of the South could benefit the region



Building an Australian offshore wind industry











Wind farm blows hot

Heatwaves generate high hopes ating strong offshore winds when demand for power is head high," he said.

posed off the south coast of the site's capacity factor was have slowed down during peak Gippsland, could generate a nearly 70 per cent — well afternoons. decades also brought strong fifth of the state's electricity above the 20-40 per cent needs, powering about 1.2 mil- capacity of a typical wind farm. chief Casper Frost Thorhauge, Wind speeds at those times who has developed offshore A detailed analysis of averaged 47km/h, compared to wind farms in Asia and Euweather bureau records found a summer average of 13km/h.

weather patterns which caused Victorians have had their heatwaves in Melbourne were power switched off in recent years as energy authorities diverse system". accompanied by a high pressure system that brought have battled keep the grid rid when it is stretched to the strong winds in Bass Strait. operating during heatwayes. wind Last summer.

monitors in place to assess the stations have experienced re- days that sees Bass Strait winds projects. project's viability found that on liability issues and onshore build up in the evening, cre-

The \$8bn-10bn project, pro- four of the hottest evenings, solar and wind generators The analysis of weather

bureau records looked at conditions at the Star of the Star of the South Project South site - and renewable energy zones in Victoria's west and south west - on days above 35C in Melbourne. There were good wind conrope, said the project would complement other renewables ditions in at least one of the

three sites during 85 per cent of "to make a more reliable and hot hours "We analysed data over The federal government nearly 30 years and found a developing a regulatory frame

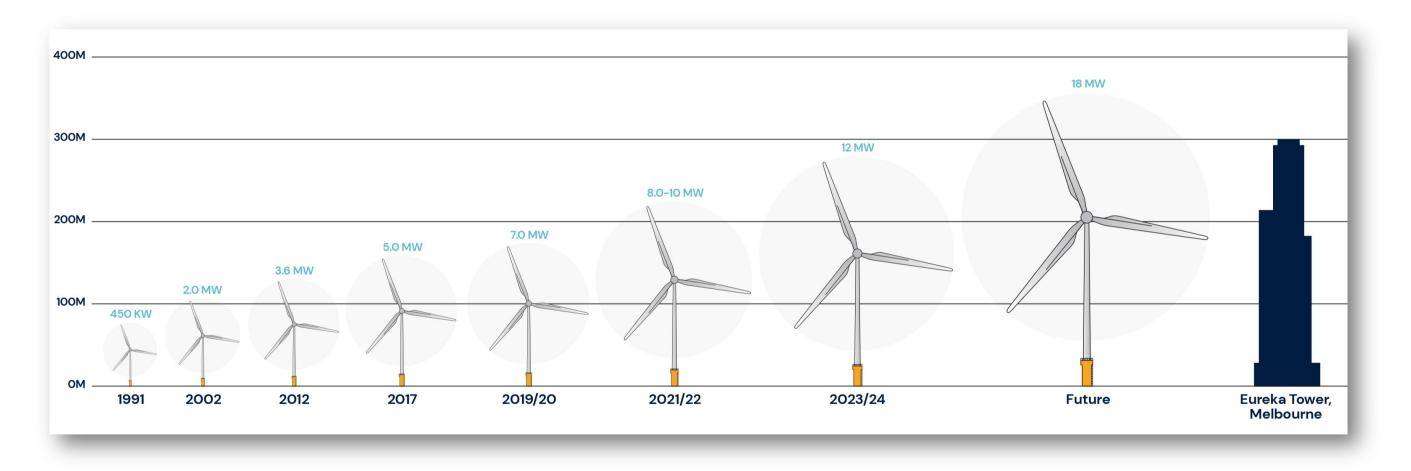
Ageing coal-fired power unique weather pattern on hot work to enable offshore wind



Working with government, Traditional Owners, industry, and communities



Evolving technology



Offshore turbines have become more efficient, cost-effective and sustainable over the past 30 years



Typical offshore wind farm components



Highly skilled workers are deployed on a wide variety of vessels to transport, install and commission the components



Jobs and investment

Up to 2,000 Victorian jobs and \$8.7 bn direct investment in Victoria across the project's life





We're committed to supporting Australian industry and will seek to fully harness local development



A new opportunity for regional Australia

We're working to understand opportunities and build Australia's offshore wind capabilities.







Businesses wanting to express interest in the project can register on our ICN Gateway and receive industry updates throughout project planning. Search: ICN gateway – Star of the South

We want to see regional communities benefit from an offshore wind industry

Working with Traditional Owners, landholders and local communities in Gippsland





We've had thousands of conversations to gain input into the project's development



Timing



We are working towards approvals and a financial decision in the middle of the decade with full power by 2030



Star of the South

Thank you

Follow us for project updates:

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- Website: starofthesouth.com.au

Do you want to support offshore wind? Join our supporter list.