

Energy (Renewable Transformation and Jobs) Bill 2023

Submission No: 27
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Publication:
Attachments: No attachment
Submitter Comments:

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Committee Secretary
Transport and Resources Committee
Parliament House George Street Brisbane Qld 4000
By email: trc@parliament.qld.gov.au

Dear Committee Secretary

RE: Energy (Renewable Transformation and Jobs) Bill 2023

On behalf of RevAir Australia, I am writing to support the objectives of the Energy (Renewable Transformation and Jobs) Bill 2023 and the commitment to increase renewable energy share Queensland's electricity system to 80% by 2035 and to encourage local industry to achieve it.

RevAir Australia is a Bundaberg-based business aiming to bring patented a composite vertical axis wind turbine manufacture, assembly, and deployment to the Queensland market. Vertical axis wind turbines are a type of wind energy technology that have rotor blades that rotate around a vertical axis. The standard wind turbine is the three-blade propeller wind turbine, also known as a Horizontal Axis Wind Turbine.

The release of the Queensland Energy and Jobs Plan in September 2023 has fast-tracked our plans for a facility and to look at opportunities to pilot the turbines. With the release of the QEJP, the Government identified the need for an additional 12 gigawatts of large-scale wind projects.

Wind currently accounts for 3.3% of Queensland's electricity generation, and it is expected to grow to almost 15% by 2035. There has been community and stakeholder concerns raised about aesthetic, noise, fauna and other impacts from horizontal axis wind turbines that the RevAir turbines do not raise.

Similarly, the global original equipment manufacturers of horizontal axis wind turbines are unlikely to establish local facilities to manufacture/assemble nacells and blades in Queensland. Please find attached a presentation of the RevAir technology.


Through our engagement with the Queensland Government on the QEJP, policy, investment attraction, land access and generation, RevAir Australia is encouraged to progress to the next stages of planning an assembly and manufacturing facility in Bundaberg.

Our engagement with the Queensland Government has been supported by Member for Bundaberg Tom Smith, and we acknowledge his ongoing encouragement for RevAir Australia to establish a facility in the Bundaberg region.

RevAir Australia aims to work toward a final investment decision on the new facility, following further discussions with the Queensland Government, within the first half of 2024.

Recommendation

RevAir Australia recommends the Committee support the Energy (Renewable Transformation and Jobs) Bill 2023 as it provides certainty with legislated reviews of progress on delivery of targets and the QEJP Infrastructure Blueprint.



Robert Stevenson
Chief Executive Officer
RevAir Australia