

SOSA 2026 Draft Report Questions

Submission Date:	14/05/26
Organisation:	Taranaki Offshore Partnership

Question 1: Do you have any comments/feedback on the results of the NZ-WEM?.

No comment.

Question 2: Do you have any comments/feedback on the results of the SI-WEM?

No comment.

Question 3: Do you have any comments/feedback on the results of the NI-WCM?

No comment.

Question 4: Do you have any comments/feedback on the Expected Future case?

No comment.

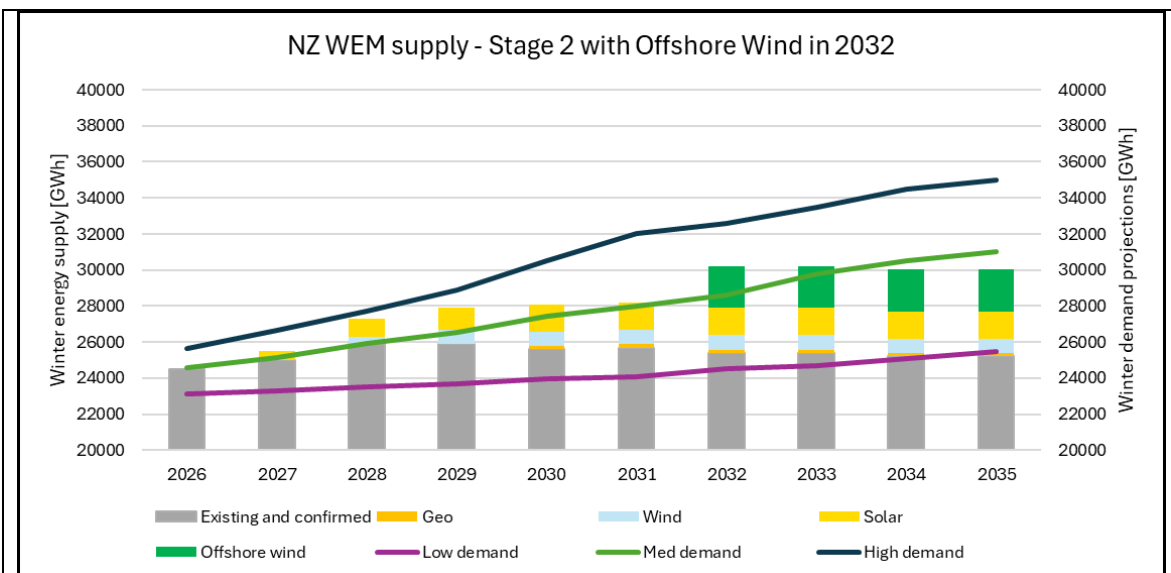
Question 5: Do you have any further comments/feedback on the SOSA 2026?

Taranaki Offshore Partnership are in the advanced stages of investigating a 1,000MW offshore wind farm in South Taranaki, for delivery in the mid-2030s.

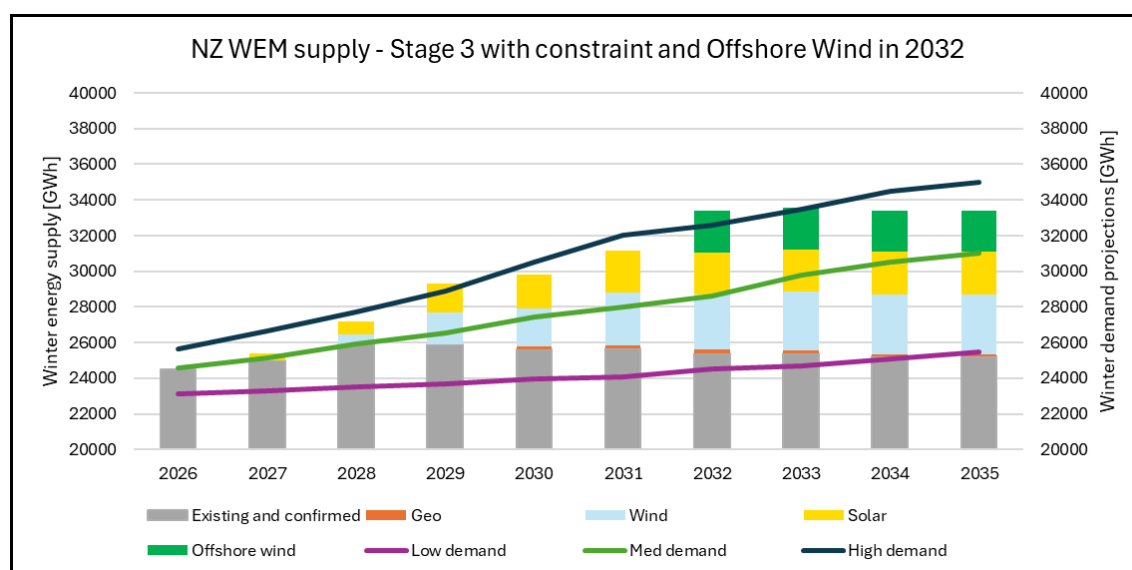
With an average capacity factor of 53%, **this project would contribute** around 4,500GWh yearly, and around **2,300GWh in the winter period** April-September that is investigated in SOSA.

The graph below shows the impact that those 2,300GWh would have on Stage 2 of the NZ WEM Supply scenario if delivered in 2032, clearly de-risking the delivery of winter energy for the country in a medium demand scenario.





The next graph instead shows the Stage 3 pipeline with a 40% constraint applied, reflecting the uncertainty inherent in delivering such a large number of small projects. In this case, offshore wind delivered in 2032 helps support the high demand scenario for NZ WEM.



Projects like offshore wind represent a step-change opportunity. With a clear delivery date and a winter generation potential that is unmatched by most other renewable sources, they will positively contribute to winter energy need.

Due to its scale and long lead time, offshore wind is unlikely to be supported by the same market mechanisms that deliver everyday onshore and solar projects in New Zealand. Instead, it requires a concerted effort from developers, Government and the TSO. All must reach an agreement that offshore wind provides value to the system, and that its inclusion in the energy mix will strengthen energy security, affordability and sustainability.

We recommend that Transpower investigates the opportunity of bringing online a large-scale offshore wind farm in the mid-2030s as part of the SOSA sensitivities. We would gladly collaborate – as we have been doing for the last four years – to provide real data on the generation profile and streamline the assessment for the Transpower team.

Any other comments:

No comment.

