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Why is battery storage important in New Zealand?
Battery storage,from household to utility-scale batteries and within electric vehicles,is a game changer in the energy transition. Solar penetration is still low in New Zealand but it is growing quickly and if we want to make the most of it we need to capture and store it to be used when the sun isn't shining and when demand is at its highest.

What is New Zealand's energy supply?
Comprehensive information on and analysis of New Zealand's energy supply, demand and prices. 45.5% of New Zealand's primary energy supply came from renewable sources, a record high. Renewable generation capacity increased by 556 MW in 2024. Up 17% or 1262 MW from 2020.

Will Rankine power supply increase wholesale electricity prices in New Zealand?
Concept Consulting's modelling shows that without thermal generation from the Rankine units as part of New Zealand's energy storage solution, wholesale electricity prices would likely be 60% higher in the short-term (the next two-to-three years) and 11% higher in the long-term (ten+ years).

Does New Zealand need flexible thermal generation?
e 1: Modelled 2035 thermal generation for the Renewable push scenarioTo deliver the flexible generation required,New Zealand needs a solutionthat can bala ce the trilemma of security,affordability,and environmental impact. An optimal solution would: Have suff ient storage capacity to be able to cover

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