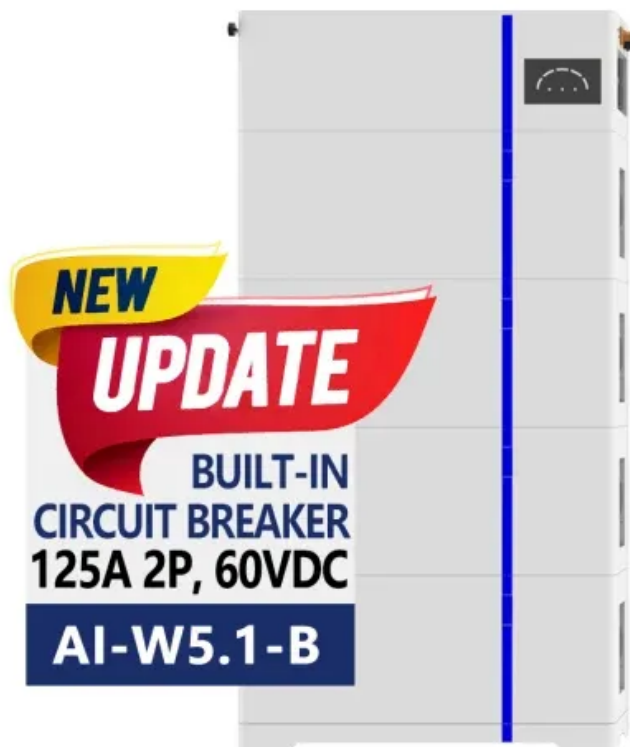


# Government procurement price of industrial energy storage in New Zealand

ESS





## Overview

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How much does government procurement cost in New Zealand?

New Zealand's government procurement, valued at roughly \$40 billion NZD annually, opens doors for businesses of all sizes. The centralized platform, Government Electronic Tenders Service (GETS), publishes opportunities and categorizes them as low-value (under \$50,000 NZD), medium-value (\$50,000-\$250,000 NZD), and high-value (over \$250,000 NZD).

Do distributed battery energy storage systems work in New Zealand?

A recent study on distributed battery energy storage systems in New Zealand shows that if such systems are appropriately configured, they can respond faster than current providers of instantaneous reserve, recovering frequency faster and stabilising the system with fewer oscillations (Transpower, 2019a). 49.8 Hz and 50.2 Hz.

Why is fuel storage important in New Zealand?

The choice of fuel used for storage is critical for security, price stability and environmental impact. There is value in New Zealand having diversity for its storage solutions, as seen by the impact of the lack of gas in Winter 2024. Working with every facet of the energy industry, to help clients respond to business issues and trends.

How much tax does a battery cost in New Zealand?

ed to pre-tax at 28% tax rate.<sup>12</sup> Residential battery cost of capital 5% - no tax applicable to residential income, however n cost of system.CASE STUDIESWe researched the applications where batteries could be used in New Zealand, and the additional services th.

Does a grid-scale battery energy storage system offer a generation reserve?

The cost of battery energy storage systems (ESS) has decreased in recent years and will continue to do so. A grid-scale battery ESS is already able to



participate fully in the energy market, however it cannot offer generation reserve.

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).



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### [Part 1: Key elements of good procurement](#)

The New Zealand Government procurement framework is made up of the Government Procurement Rules (the Rules), 3 the Government Procurement Charter, a set of procurement ...

### **Pre-conditions , New Zealand Government Procurement**

To assess whether a supplier meets the pre-conditions, an agency must: evaluate responses against the pre-conditions that it published in its Notice of Procurement (Rule 37 and Rule 38), ...

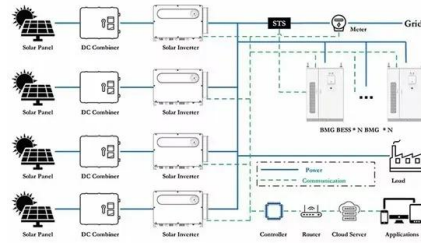


### **What good looks like: Applying the Government ...**

Where to find out more Audit New Zealand's website includes a focus on procurement in our What goods looks like series. See the Ministry of Business, Innovation and Employment's website for the Government Procurement Rules, ...

### **Joining AoG contracts**

1 Check if you're eligible All-of Government (AoG) contracts are open to the New Zealand public sector. This includes: agencies within the state sector local authorities, and state funded schools.



### Procurement

We source the right electricity contracts at the right price. Finding the best electricity supply contracts for your business can be a time consuming process. But by allowing Total Utilities to take care of your electricity procurement, you ...

### NZGP home , New Zealand Government Procurement

Supporting the New Zealand public sector with their procurement management needs with advice, frameworks, tools and templates. New Zealand Government Procurement is part of the ...



### Cost-benefit analysis of distributed energy resources in New ...

This report builds on our previous report for Transpower, which assessed the potential value of distributed energy resources in New Zealand (Reeve, 2020). For this report, we have updated ...





### Documenting your requirements , New Zealand Government Procurement

Clear and concise requirements make sure suppliers understand what you need - making it easier for them to respond, and more likely you'll get the right results.



### Building rating systems , New Zealand Government Procurement

New Zealand Government Procurement is responsible for maintaining the list of approved rating tools. Guidance on how other sustainable building rating tools can be assessed and approved ...

### The need for energy storage

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% ...



### What good looks like: Applying the Government Procurement Rules

Where to find out more Audit New Zealand's website includes a focus on procurement in our What goods looks like series. See the Ministry of Business, Innovation and Employment's website for ...



### The need for energy storage: Firming New Zealand's ...

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% ...



### A QUICK GUIDE TO PROCUREMENT IN THE PUBLIC ...

4 evaluation 1 This material has been adapted from the resource A Guide to Mastering Procurement (2011). The resource was published by the former Ministry of Economic ...

### Document storage, digitisation and destruction services , New Zealand

The Document storage, digitisation and destruction services contract is a syndicated contract that offers a range of on and offsite document services. It replaces the offsite document storage and ...



### Launch of New Zealand's first utility-scale Battery Energy Storage

WEL Networks and Infratec are proud to announce the launch of New Zealand's largest Battery Energy Storage System (BESS) with commissioning underway. The ...



## Spotlight on New Zealand: Battery storage capacity expands as ...

New Zealand's electricity system remains heavily dependent on hydro generation, especially in the South Island, where facilities like Manapouri and Clyde dams dominate. ...

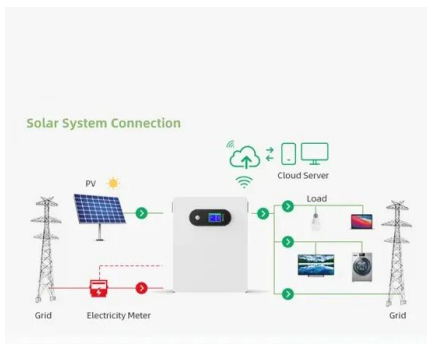


## New Zealand welcomes first big battery to national grid

New Zealand's transition to a renewable energy future has taken a significant step forward with the nation's first grid-scale battery energy storage project now offering injectable reserves to

## EECA

About 40% of New Zealand's total greenhouse gas emissions come from our energy use. The choices we make about how we use energy in our everyday lives and businesses have an impact. Our opportunity is to build out a strong and ...



## [Negotiating with your preferred supplier](#)

From the agency's perspective, the primary objective of the negotiations should be to: test the understandings and assumptions that have influenced a supplier or provider in preparing their ...



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