



# New zealand energy storage solutions

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100% Kiwi owned, Taspac was founded in 2014 with a very simple goal - to provide best-in-class renewable energy solutions to New Zealand solar installers and electricians, backed up with a high level of local sales, technical and warranty support.

Taspac Energy exists primarily to support the Solar Installation Trade by supplying a wide range of innovative and customizable energy solutions for both grid connected and off-grid applications of almost any size.

We've partnered with industry leading manufacturers such as Fronius, REC, Victron, Tesla Powerwall, Phono Solar, BYD, Freedom Won, Shoto, Hopergy, S-5! and Tigo to deliver a wide range of solutions to our clients and to meet the needs of domestic, commercial, industrial, off-grid and utility scale solar power solutions.

With warehousing located in Auckland and Christchurch, along with staff located in Auckland, Northland, Waikato, Nelson and Dunedin, we service the entire country and deliver Nationwide.

At no upfront cost and for a competitive rental fee, we guarantee that our systems deliver 24/7 reliability and 100% peace of mind: O& M services, remote monitoring and performance guarantees are all included. You will have support around the clock and the peace of mind that your solution will not let you down. And in the unlikely event that something goes wrong or if the value you gain from our battery fails to meet your expectations, give us a call and we'll pick it up.

The 1 MWY.Cube is a ready-to-install energy storage system – with everything included in a standard 20ft container. That includes batteries, inverter, HVAC, fire protection and auxiliary components, all tested by our experts and operated by the smartest software on the market.

Whilst our smaller battery storage models such as a 90 kVA battery, are more compact, they offer fast installation and commissioning and are also plug-and-play enabled. They deliver savings in fuel and emissions when paired with a generator and can also be paired with renewable energy sources e.g. solar panels.

Our contracts start with rental periods from weeks and are based on a regular weekly, monthly or annual fee. Terms can be easily adapted to fit your business needs or changing market conditions. Speak to our team about your business operations and requirements and we will tailor a solution that works for you.

Here at Aggreko, we understand that every business in New Zealand has different needs and requirements - which can also change at the drop of a hat. Which is why our battery storage units are mobile, modular and scalable to match those changing needs. Single units can be easily combined into an integrated energy storage system to deliver the power and energy capacity required for your business.



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Battery storage works by storing electrical energy in batteries for later use. The process involves converting electrical energy into chemical energy that is stored in the batteries and can be converted back into electrical energy when needed.

When electrical energy is supplied to the battery, either from grid, a generator, or a renewable energy source, it charges the battery by causing a chemical reaction that stores the energy in the form of chemical potential energy. The battery can then discharge the stored energy by reversing the chemical reaction and converting the stored chemical energy back into electrical energy.

Advanced battery storage solutions provider and a wholly-owned subsidiary of TotalEnergies, Saft, received a contract from Meridian Energy to construct New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakaka on North Island. The 100-MW BESS will help manage power supply fluctuations, enhance grid stability and reduce the country's reliance on fossil fuels.

Contact us for free full report

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