

New zealand invests in energy storage power station



Overview

The Saft battery division of French energy and petroleum multinational TotalEnergies will supply 70 of its containerized Intensium Shift+ battery energy storage systems (BESS) to form a 100 MW/200 MWh project on New Zealand's North Island. Confirmed yesterday (19 September), the 2-hour duration BESS will be installed at Huntly Power Station on the country's North. In a major step forward for New Zealand's renewable energy future, Genesis Energy has commenced construction on a 100 MW / 200 MWh Battery Energy Storage System (BESS) adjacent to the iconic Huntly Power Station. As lead designer, our strong technical expertise and agile problem-solving to design. fortunate to have a strong history of investing in renewable energy. The continuing investment in renewables is supporting New Zealand to meet the expected increased electricity demand a lectricity demand, the country currently turns to thermal generation.

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[New Zealand gives approval to 200 MWh solar-plus-storage project](#)

A 200 MWh solar plus storage farm planned for Glorit near Auckland, on the north island of New Zealand, has been granted resource consent and a notice of requirement by an independent ...

[Renewable energy investment opportunities in New Zealand, Invest New](#)

Government-backed initiatives support wind development, energy storage innovations and smart grid modernisation, ensuring a future-proof investment landscape.



Standard 20ft containers



Standard 40ft containers

[Building New Zealand's battery future at Huntly Power Station](#)

In a major step forward for New Zealand's renewable energy future, Genesis Energy has commenced construction on a 100 MW / 200 MWh Battery Energy Storage System (BESS) adjacent to the iconic ...

[Saft to deliver 200MWh BESS at New Zealand's biggest electricity](#)

Saft, a subsidiary of French energy giant TotalEnergies, will provide Genesis Energy in New Zealand with a 100MW/200MWh utility-scale battery energy storage system (BESS).

Highvoltage Battery



[Genesis Energy begins construction on 200MWh BESS in New Zealand](#)

Genesis Energy, a listed New Zealand generation, wholesale, and retail energy company, has started constructing a 100MW/200MWh battery energy storage system (BESS) on the country's ...



[NZ's proposed pumped storage hydropower project will cost billions](#)

If the proposed pumped hydro scheme at Onslow goes ahead and is managed well, it could be a major asset to diversify a low-carbon, self-resilient economy in Aotearoa New Zealand.



[New Zealand's Energy Storage Power Stations: Powering a ...](#)

New Zealand's energy storage investments create opportunities for businesses and communities alike. From grid-scale pumped hydro to commercial battery systems, these technologies enable reliable ...



[The need for energy storage: Firming New Zealand's renewable ...](#)

Build new generation or storage assets, recognising that renewables could be an expensive option, but the investment case for new gas turbines is currently difficult.



[Saft energy storage system to support New Zealand's transition to low](#)

Paris, Janu- Saft, a subsidiary of TotalEnergies, has been awarded a major contract by Meridian Energy to construct New Zealand's first large-scale grid-connected BESS.



[Saft to supply 200 MWh battery storage project in New Zealand](#)

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12.8V6Ah

- Nominal voltage (V):12.8
- Nominal capacity (Ah):6
- Rated energy (Wh):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (A):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (A):10
- Maximum peak discharge current @ 10 seconds (A):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C):-20-+60
- Working humidity: <95% RH (non condensing)
- Number of cycles (25 °C, 0.5c, 100%DoD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90*70*107mm
- Reference weight (kg):0.7
- Certification: un38.3/muds

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