

# **Solar container energy storage system factory in New-Zealand**





## Overview

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Which energy company is building New Zealand's first grid-connected battery energy storage system?

Meridian Energy is building New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakākā on North Island. Paris, January 10, 2023 – 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.

What is the Darfield solar & energy storage project?

The Darfield Solar & Energy Storage Project is a landmark 117 MW solar development in Canterbury, New Zealand, featuring optional battery storage of up to 106 MW / 200–400 MWh. Designed for a 40-year lifespan, it will generate 210 GWh annually—enough to power 23,000 homes—while reducing carbon emissions by 12,000 tonnes.

Will a 100-megawatt solar farm improve New Zealand's national grid?

Located at Ruakākā in the country's North Island, the 100-megawatt (MW) BESS will improve the stability of the national grid, as intermittent renewable power generation increases in New Zealand. The BESS is the first stage of a project that will include the construction of a co-located 130 MW solar farm by Meridian Energy.

How much money has been invested in battery technology in New Zealand?

At that time, we invested more than \$2 million to understand how battery technologies can play a part in the future of New Zealand's electricity ecosystem. How much power will the BESS project at Whakamaru generate?

It will have a total installed capacity of between 200-300MW.



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

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