



# Successful bid price of utility scale ESS project in New Zealand 2030

Who is building New Zealand's First Utility scale battery energy storage system?

WEL Networks and Infratec set to build New Zealand's first utility scale Battery Energy Storage System - Infratec New Zealand Limited. Latest News /WEL Networks and Infratec set to build New Zealand's first utility scale Battery Energy Storage System WEL Networks and Infratec are preparing to construct a 35MW Battery Energy Storage System (BESS).

How much is a 'solar + 4 hour ESS' tariff?

The latest reverse auction has resulted in a record low tariff of Rs 3.32 per unit for a "Solar +4-hour ESS". This tariff was achieved in a tender by SJVN Ltd for a project that includes 1200 MW of solar power combined with 600 MW/2400 MWh of energy storage.

How much does a Bess Solar System cost?

WEL's BESS will cost \$25 million and will be able to store enough energy to power up to 2,000 kiwi homes. Infratec claims that they are using state-of-the-art technology for this project and the batteries will have an admirable 20-year lifespan. 2. Meridian Energy: Solar +100 MW BESS

How much lower is a solar ESS tariff than a WSH tender?

This newly discovered tariff is approximately 5.8% lower than a similar tender auctioned by SECI in December 2024. Notably, the tariff discovered is identical to those found in the latest auctions of wind solar hybrid (WSH) and significantly lower than vanilla wind tenders. Figure 1: Utility-scale "Solar +ESS" tender auctions in India

When is the first Bess project commissioned in New Zealand?

Whilst amendments were first made to New Zealand's Electricity Industry Participation Code 2010 (the Code) in 2018 to facilitate grid-scale BESS, the first significant (35MW) BESS project was not commissioned until March 2024.

How much will WEL's Bess cost?

The project will also be capable of providing fast reserve support for the North Island grid at times of high demand. WEL's BESS will cost \$25 million and will be able to store enough energy to power up to 2,000 kiwi homes.

Over recent years, it has become common for utility-scale solar projects in Australia to include a grid-scale battery energy storage system (BESS) to provide energy generated by the solar farm to the grid outside of the times ...

New Zealand's transition to a renewable energy future has taken a significant step forward with the nation's



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first grid-scale battery energy storage project now offering injectable reserves to the electricity market for the first time.



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