

## ContainerPower Energy Solutions

# New Zealand Container Power Company



## Overview

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In New Zealand electricity was first generated within factories for internal use. The first generation plant where power was transmitted to a remote location was established at in in 1885, to provide power for a twenty at the Phoenix mine. The plant used water from the nearby , a tributary of the . on the West Coast became the first town in 1888 after the was.

Does Auckland have an electric empty container handler?

Port of Auckland and Wellington's CentrePort have each been approved co-funding of \$500,000 towards procuring an electric empty container handler (ECH), as well as associated on-port charging infrastructure.

Can electric empty container handlers decarbonise New Zealand's largest ports?

Kenai Limited will demonstrate a 2t JCB electric digger while transforming the land around Mokoia Pā into a public park. New electric empty container handlers promise to play a key role in decarbonising two of New Zealand's largest ports, in the latest round of successful applications from EECA's Low Emission Transport Fund (LETF).

Which New Zealand port has an electric ECH & a charger?

Port of Auckland, New Zealand's largest import port, will procure an electric ECH and its charger, and will set up the infrastructure for its operation. Port of Auckland currently has six diesel empty container handlers.

What is New Zealand's First Utility-scale battery energy storage system?

New Zealand welcomed its first utility-scale battery energy storage system earlier this year. The 35 MW/35 MWh Rotohiko battery facility commenced operation with electricity distribution company WEL Networks in April, after completing testing and commissioning.

What is the generating capacity of New Zealand?

The installed generating capacity of New Zealand (all sources) as of December

2020 was 9,758 megawatts (MW), from hydroelectricity, natural gas, geothermal, wind, coal, oil, and other sources (mainly biogas, waste heat and wood).

Where is New Zealand's largest power station?

Genesis Energy's Huntly Power Station in northern Waikato is New Zealand's largest power station - with 1000 MW of coal- and gas-fired generators and 435 MW of gas-only generators, it supplies around 17% of the country's electricity. There is a gas-fired power station in Taranaki at Stratford (585 MW).

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