



# New Zealand sirius energy

Who buys electricity in New Zealand?

Retail companies buy electricity from generators and on-sell that electricity to businesses and households across New Zealand. For most New Zealand electricity customers, there's a lot of retailers and brands to buy electricity from. The latest retail market share, market competitiveness and switching trends.

How does electricity supply work in New Zealand?

Supplying electricity to homes and businesses across New Zealand involves three key elements: generating electricity, transporting electricity to distribution companies, and then selling it to customers.

Why is New Zealand transitioning to a highly renewable electricity system?

New Zealand is transitioning to a highly renewable electricity system. This change will require increased and accelerated investment in new electricity generation to match demand growth and the retirement of thermal power plants.

How is electricity transported in New Zealand?

Electricity is transported at high voltage (up to 220,000 volts) through a high-voltage alternating current system around New Zealand. To transfer electricity between the North and South Island, there is a high-voltage direct current (HVDC) inter-island cable with a transmission line under the Cook Strait.

How is electricity transferred between North and South Island?

To transfer electricity between the North and South Island, there is a high-voltage direct current (HVDC) inter-island cable with a transmission line under the Cook Strait. Electricity generated in the South Island is often transported north via the HVDC cable, as the North Island has higher electricity demand.

How much electricity does Aotearoa use?

There are nearly two million electricity consumers in Aotearoa, from typical households which consume about 7MWh per year to the Tiwai Point aluminium smelter which consumes about 570MW per year (about one third of the total electricity consumed in the South Island and 13% of the total electricity nationwide).

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New Zealand's electricity system is transforming to electrify New Zealand and reach net zero carbon emissions for 2050. The electricity market is shifting to more renewable intermittent generation (eg, wind and solar), with new and many technological advancements, distributed energy resources (eg, rooftop solar panels and battery storage), mass ...



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SIRIUS ENERGY LIMITED is a NZ Limited Company from Wellington in NEW ZEALAND. It was incorporated on 20 Apr 2015 and has the status: Registered. The company's business classification is: D264010 Electricity energy sales operation. There are 1000000 shares in issue. The ultimate holding company is Sirius Energy Holdings Pty Limited.

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SIRIUS ENERGY LIMITED was registered as New Zealand Limited Company on 20 Apr 2015, registered at Watson Group, Level 16, 157 Lambton Quay, Wellington Central, Wellington, 6011, New Zealand. This New Zealand Limited Company's AR application month is August., and the status of this company is Registered now.

SIRIUS ENERGY LIMITED is a company registered in New Zealand. Info-clipper brings you a complete range of reports and documents featuring legal and financial data, facts, analysis and official information from New Zealand Registry.

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