

Using energy sustainably for a better New Zealand

Overview

Moana New Zealand is the largest 100% Māori-owned kaimoana and kai ora company in New Zealand (Aotearoa).

In line with its commitment to environmental sustainability, Moana New Zealand is striving to use energy better.

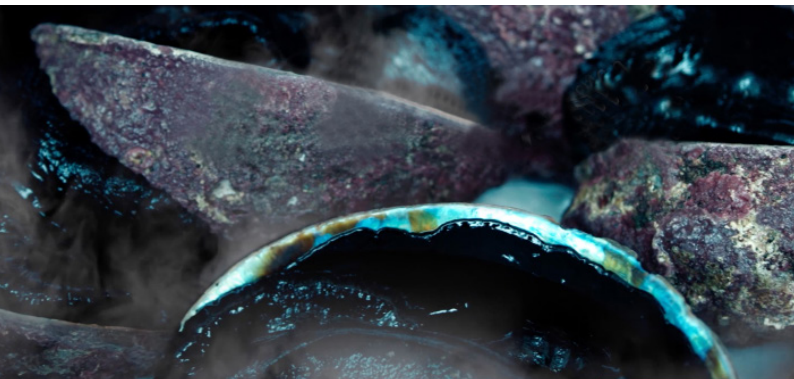
Short-term it aims to make a 5% relative reduction in the amount of energy it uses annually, and in the long-term, to use 100% renewable energy.

Moana New Zealand fish and harvest solely from the coastal waters of New Zealand (Aotearoa), one of the world's most pristine and sustainably managed fisheries.

Demand Flexibility the natural choice

With a strong commitment to use energy better, Demand Flexibility was a natural choice for Moana New Zealand. As was its Palmerston North facility, where New Zealand's most sought-after species of wild abalone and ready to eat pouch meals are processed.

Processing and cold storage facilities with electrical equipment that can be powered down, or switched off for short periods of time, make ideal participants in our Demand Flexibility programme. With a number of refrigerators, compressors, fans and pumps, participating, Moana New Zealand is effectively giving the grid a helping hand when it needs it most.



“ We’re proud to be giving the grid a helping hand by powering down our kai ora and kaimoana facility in Palmerston North during times of peak demand.”

Michelle Cherrington | Group Communications & Sustainability Manager

How it works

While New Zealand's electricity grid has high levels of renewable generation, at certain times of the day, when electricity demand is high, we still need to generate electricity using fossil-fuels.

Demand Flexibility provides a more sustainable option, by helping to counter the need to ramp up fossil-fuel electricity generation to meet shortfalls in renewable electricity supply.

We identify and connect commercial and industrial electrical equipment to our demand flexibility platform. Then, in real-time automate this equipment to power down or switch off in times of peak demand, and pay customers for standby load and participating in events.

How it's making a difference

Michelle Cherrington says “with a reputation for exceptional quality to uphold, we quickly realised that the flexibility required of our electrical load would have no impact on our seafood processing operations.

“For us, Demand Flexibility is an effective way to demonstrate our commitment to a more sustainable New Zealand and help us meet our sustainability goals.

“Instead of our electrical equipment only consuming energy, it's now being put to good use by contributing to a greener grid, making a positive impact on the environment and creating a new revenue stream.”

[Let's talk about Demand Flexibility for your business](#)

Give us a call on 0800 100 249, or email solutions@biz.contact.co.nz

