

Is my home ready for renewable gas?

Your appliances

If you have modern gas appliances, you can be confident they will continue to work as renewable gas is introduced.

Because biomethane is chemically identical to natural gas, today's gas appliances can run on blends of natural gas and biomethane – and even 100% biomethane – without modification.

The gas network

Most of the gas network is already well suited to renewable gas. Around 90% of Powerco's gas pipes are modern plastic piping, which is compatible with renewable gas blends and 100% biomethane. New subdivisions with piped gas are generally renewable-gas ready.

What about cost?

Moving to renewable energy is likely to affect the cost of all energy types over time. Renewable gases are expected to cost more than today's natural gas, but gas energy prices are expected to remain competitive with electricity.

Gas and emissions

Direct gas use in Kiwi homes contributes less than 1% of New Zealand's total greenhouse gas emissions.

Looking ahead

The future of energy in Aotearoa will include a mix of solutions. With renewable gas already being developed and trialled, you'll be able to continue enjoying the benefits of gas in your home – today and into the future.

Learn more about the future of gas and what it means for your home:

thegashub.co.nz/future-of-gas



Gas for today, and tomorrow

Understanding the future of gas for your home



If you enjoy the comfort, control and convenience of gas today, you can feel reassured about using gas into the future. Gas will continue to play an important role in how Kiwi homes are energised – while also evolving over time to include renewable options.



What this means for your home

Natural gas remains available for homes across Aotearoa. Households use only a small share of the country's total gas supply, which means residential customers are well placed to continue accessing gas for many years as the wider energy system changes.

As large industrial users transition away from gas, more supply is freed up for homes. Alongside continued exploration, proposed LNG imports and the development of renewable gases, there are multiple pathways supporting reliable gas supply for residential customers.

Can I still connect to natural gas?

Yes. Homes can still connect to natural gas in areas where a gas network is available. Gas retailers continue to support new residential connections, giving customers reassurance that gas remains an available and supported energy option for their home.

Will natural gas be turned off in the next few years?

No. Natural gas will continue to be delivered to connected customers.

Over time, the gas used in homes will gradually change as renewable gases are introduced into the network. This transition will be carefully planned, well communicated and designed to minimise disruption for customers.

Renewable gas: What's coming?

Renewable gas, such as biomethane, is being developed and trialled in Aotearoa New Zealand.

Biomethane is a renewable gas made from organic waste. Importantly, it is chemically identical to natural gas. This means it can be used in the same gas network and appliances we use today.

The first step will be blending small amounts of renewable gas with natural gas. As renewable gas supply grows, the proportion of renewable gas in the network can increase over time, with the long-term goal of moving to fully renewable gas in some areas.

What would the transition look like?

The transition to renewable gas would happen gradually.

Different parts of the gas network could be ready to move to higher blends, or 100% renewable gas at different times. Customers will be given clear information and plenty of notice well before any changes occur.