Firstgas

A renewable gas pathway

Gas remains an important part of New Zealand's energy mix.

With energy costs rising and changing policies, it's an uncertain time for consumers - especially those using gas. Some say New Zealand should go fully electric, while others worry about dwindling gas supplies. However, with electricity prices climbing and weather conditions affecting energy reliability, gas remains a crucial part of our country's energy mix, helping to support our renewable electricity supply when it's needed most.

Why is natural gas important?

Gas powers New Zealand's electricity generation and is the preferred energy choice for over 300,000 Kiwi homes, businesses, and industries. It steps up when the wind doesn't blow, the sun doesn't shine, and lake levels run low - helping to keep the lights on. People love cooking, heating their homes, and enjoying instant hot water with gas, while restaurants rely on it to craft delicious meals. In industry, gas delivers the intense energy needed to produce essential materials like cement, glass, and steel.

Is there enough gas?

Gas is an important part of our energy mix and people should be confident there is enough gas to meet their needs until renewable gases - such as biogas or hydrogen, become more widely available.

What is the Government and the gas sector doing?

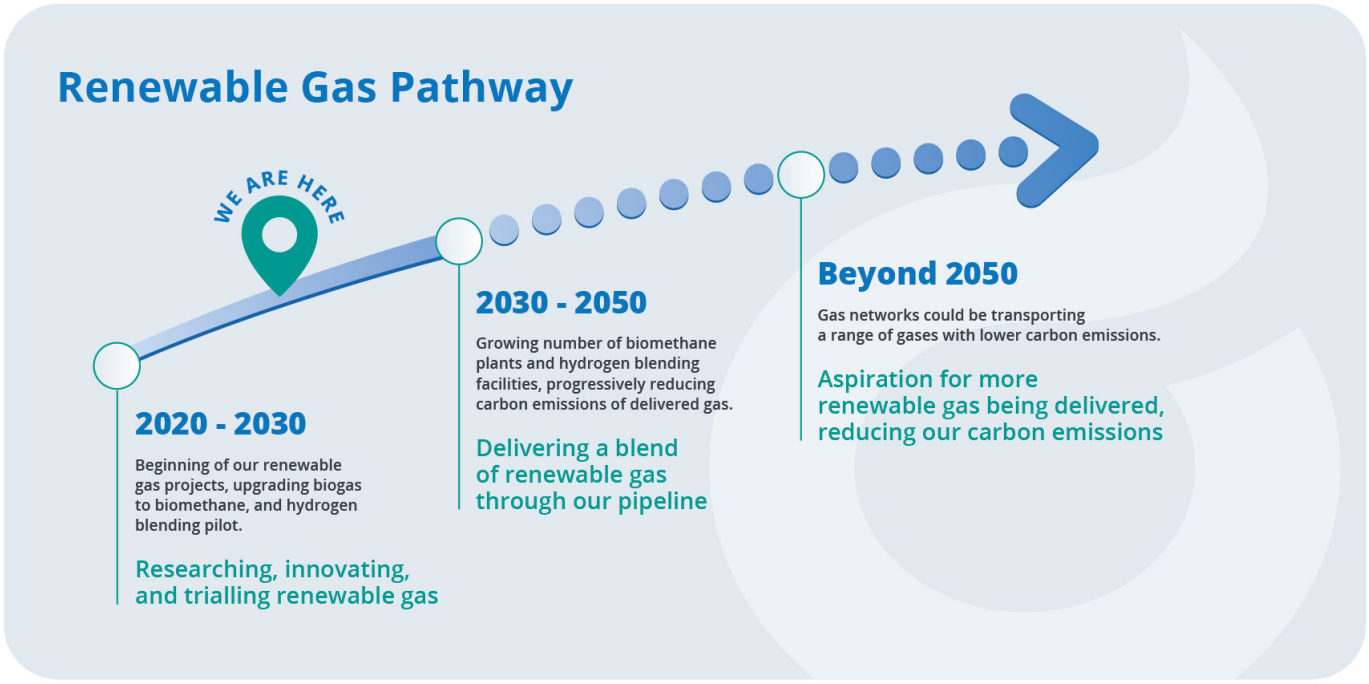
New Zealand has enough natural gas reserves for at least the next decade, and the Government, along with gas producers, large gas users and industry, are committed to ensuring these resources are available for even longer. In addition, the country's gas infrastructure is well-developed, with pipelines and storage facilities that ensure a continuous supply of gas to consumers.

Our renewable gas journey.

As New Zealand transitions to a lower emissions energy system, gas remains essential in keeping our energy reliable. This gives us the time to develop and expand cleaner energy solutions while ensuring a secure and stable energy supply for everyone.

Clarus company First Renewables, in partnership with Ecogas have built New Zealand's first biogas to biomethane upgrading facility that turns kerbside food waste into renewable gas. The renewable gas is then blended into the Firstgas pipeline to be used the same way it is today to supply the equivalent of 7,200 homes.**

While renewable gases are still developing and not yet widely accessible, it's reassuring to know that the work we're doing today is already making a difference, both now and in the future, as we transition our networks toward renewable and net zero carbon gases by 2050.



To learn more visit our website:
firstgas.co.nz/about-us/future-of-gas

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*Data sourced from: Natural Gas Switching active ICPs in April 2025.
**7,200 houses at an average residential gas demand of 22GJ p.a. = 160TJ p.a. (estimated annual biomethane injected at Broadlands).