



***FUTURE  
SURE***

**IF YOU THINK  
GAS IS A THING  
OF THE PAST,  
THINK AGAIN.**

IF YOU LIKE TODAY'S GAS, YOU'LL LOVE  
TOMORROW'S. GAS WILL HELP US GET  
TO NET ZERO CARBON.

**GAS CAN HELP US GET THERE**

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# GAS ENERGY HAS A BRIGHT FUTURE.

Kiwis love gas for cooking, heating and for the trusty BBQ. That's why the gas sector is looking to develop renewable gases such as green hydrogen, biomethane and bioLPG. If you're connected to gas now or thinking of connecting, you can still enjoy those endless hot showers and cooking with a flame with natural gas and LPG while we make sure New Zealand can make the shift to renewable gas in the future.

## **ARE NATURAL GAS AND LPG CONNECTIONS BEING BANNED?**

No, you can still connect to both. Gas connections are not banned. In 2021, the Climate Change Commission recommended Government consider a date to end new connections. Government did not act on this advice by way of a ban. As at September 2023, the Climate Change Commission is consulting on Draft Advice on the Second Emissions Reduction Plan (2026–2030).

## **WILL NATURAL GAS BE TURNED OFF IN THE NEXT FEW YEARS?**

There is no ban on gas connections or delivering gas and LPG to New Zealand homes and businesses and we fully expect natural gas and LPG will continue to be delivered to connected consumers until we've fully moved to new low and zero carbon gases, likely to be by 2050.

Around 600,000 Kiwi households use LPG and natural gas energy every day for cooking, hot water and heating. Natural gas alone currently powers over 19,000 businesses and industrial users such as restaurants, hotels, hospitals and steel makers. Natural gas is also used to generate electricity, to supplement New Zealand's renewable electricity generation.

## **WILL GAS PRICES INCREASE SUBSTANTIALLY IN THE COMING YEARS?**

Moving to renewable energy is likely to increase the cost of all types of energy. Renewable gases are likely to be more expensive than today's gas, but gas energy is expected to remain good value and competitive with renewable electricity.

## **CAN I BUY A NEW GAS APPLIANCE WITH CONFIDENCE?**

If you currently own an appliance that uses natural gas or LPG, you can have confidence that you'll be able to use it for its expected lifetime (typically up to 15 years). Blending gases will be an important part of our journey as we scale up to low and zero carbon gas energy, and most modern gas appliances are already able to run on a blend of natural gas and renewable hydrogen gas (up to 20 percent) or biogas. Newer compatible appliances will become widely available as we move towards a more renewable gas future.

## **WHAT WILL HAPPEN TO MY GAS BBQ?**

No worries there. For now, you can keep using your gas BBQ and buying LPG bottles. In the future we expect you'll be able to use bioLPG instead of LPG to fuel the barbie and help us bring about a net zero carbon Aotearoa. Or you may even be cooking up a feast on a hydrogen BBQ!

Internationally the industry is well-established, producing over 460,000 tonnes of bioLPG globally each year and moving it around Europe. New Zealand could likely make and import easily enough to cover our current LPG use, and research suggests we could replace 30 percent of LPG demand by 2035<sup>1</sup>. The Government is interested in finding ways to support the scale-up of local biofuel production, which it notes is "particularly important for decarbonising the South Island".

## **WHEN WILL NEW RENEWABLE GAS BE AVAILABLE?**

Future gas blending trials are already underway with the goal of introducing blended gas energy by 2024. Existing natural gas and LPG will continue to be delivered to consumers as the blends increase towards 100 percent future gases by 2050.

Just like today's gas, these new gases will be subject to rigorous safety protocols and standards before they are available.

## **HOW MUCH DOES THE DIRECT USE OF GAS CONTRIBUTE TO NEW ZEALAND'S CO2 EMISSIONS?**

Currently, Kiwi homes (directly using gas energy) produce less than 1 percent of New Zealand's total greenhouse gas emissions<sup>2</sup>.

## **ISN'T FUTURE SURE AN EXAMPLE OF GREENWASHING?**

Natural gas and LPG are important parts of New Zealand's current energy mix. In the future, we would like to see renewable gases as part of that mix, by promoting their uptake we help to make this a reality.

Future Sure's goal is to increase demand for renewable gases by increasing awareness of them. Future Sure partner companies are committed to a net zero carbon future and while individual company strategies may pursue different pathways to reduce their carbon emissions, they are united in seeing renewable gases as part of the solution.

## **SOURCES**

1. [https://gasischanging.co.nz/assets/uploads/NZ-renewable-LPG-potential\\_0-Issued-for-use-signed-2.pdf](https://gasischanging.co.nz/assets/uploads/NZ-renewable-LPG-potential_0-Issued-for-use-signed-2.pdf)

2. <https://www.mbie.govt.nz/building-and-energy/energy-and-natural-resources/energy-statistics-and-modelling/energy-statistics/new-zealand-energy-sector-greenhouse-gas-emissions/>