

Gas belongs in the builds of today.

Natural Gas is an important part of our energy mix. Today, 6.5 million Australian homes rely on gas for cooking, hot water or heating. Read on to find out how we're working to take gas into the builds of tomorrow.

A new approach to gas.

We're helping to carve a path for our customers to enjoy 100% zero carbon gas. Alongside Natural Gas, we're working with two forms of new gas:

Renewable Hydrogen

This is produced by separating hydrogen from water using renewable electricity. Hydrogen doesn't produce carbon dioxide when it's burned. Plus, the gas network can store vast quantities of renewable hydrogen gas to use at any time.

Biomethane

This is captured by decomposing organic waste from landfills, agricultural produce and wastewater treatment facilities.

Our network of gas pipelines are already mostly compatible with 100% renewable gas. We have demonstration projects either live or in development in Vic, QLD and SA where we're looking to blend renewable gas with natural gas, before gradually replacing the natural gas in the pipelines with 100% renewable gas by no later than 2050.

Visit renewable-gas.com.au to learn how we're forging a new path for the gas industry.

More information

Tracy Shayler
Business Development Representative
Residential (Queensland)

Phone +61 438 708 798
tracy.shayler@agig.com.au

Kristian Abandowitz
Business Development Manager
(Queensland)

Phone +61 408 438 641
kristian.abandowitz@agig.com.au

This is a guide only. Once you have chosen your natural gas appliances, please contact us to discuss.

Gas Appliance Guide

Right at home in a 7 Star build with gas

This guide is designed to highlight the options that you have to incorporate gas appliances when seeking to build or renovate.

Now you can choose gas complemented by solar for 7-star energy efficiency and give your customers the comfort they love to live with.

We'll work with you to strike the right balance in style without compromising on comfort in your build's energy mix.

**We make it easy.
Find out how.**

Right at home in the builds of tomorrow is gas.

The 7 Star Energy Efficiency Building Standard under the National Construction Code sets the minimum standard that new homes should be built to. Homes have an energy budget that includes fixed appliances such as heating and cooling, hot water and lighting.

There are several factors that are ultimately used in the Building Code to determine 7-star requirements. Specifically, these include:

Building Class: Refers to the type house dwelling (for example Class 1 is a single dwelling being a detached house; or one of a group of attached dwellings being a town house, row house or the like)

Zone: Refers to climatic conditions around the country (i.e colder regions require more heating than warmer areas)

Floor Area: The square meterage of the internal home areas (i.e bigger homes require more energy to heat compared to smaller homes). This does not need to include porticos, garage area and outdoor spaces in size

The tables show the different gas appliances you can include in your home, and still achieve the 7 star rating.

How to read the table

For example, if you are building a Class 1 dwelling with floor sizes of 160 m² in Brisbane (zone 2), there are three options to choose from when it comes to including gas appliances in your build. Option 1 highlights that list of natural gas that can be used, along with the need to install 1kw of solar to meet the 7-star requirements.

All calculations are based on energy ratings in line with Seasonal Star Ratings 2019.
Table 1: Zones by Local Government Area (LGA)

Class 1 New Home

Zone 2

Single dwelling being a detached house; or one of a group of attached dwellings being a town home, row house or the like

	Solar Size					
	None	1kW	2kW	3kW	4kW	5kW
100m² to 160m²						
Option 1 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Continuous Flow Hot Water Gas Cook top	●	●	●	●	●	●
Option 2 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Storage Hot Water Gas Cook top	●	●	●	●	●	●
Option 3 Airconditioning (Ducted/Non-ducted) less than 4.5 star Solar Gas Hot Water Gas Cook top	●	●	●	●	●	●
160m² to 390m²						
Option 1 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Continuous Flow Hot Water Gas Cook top	●	●	●	●	●	●
Option 2 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Storage Hot Water Gas Cook top	●	●	● 160m ² to 175m ²	● 175m ² to 275m ²	● 285m ² to 390m ²	●
Option 3 Airconditioning (Ducted/Non-ducted) less than 4.5 star Solar Gas Hot Water Gas Cook top	●	●	●	●	●	●
390m² to 500m²						
Option 1 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Continuous Flow Hot Water Gas Cook top Gas Log Fire Gas outdoor kitchen and BBQ	●	●	●	●	●	●
Option 2 Airconditioning (Ducted/Non-ducted) less than 4.5 star Gas Storage Hot Water Gas Cook top Gas Log Fire Gas outdoor kitchen and BBQ	●	●	●	●	● 390m ² to 430m ²	● 430m ² to 500m ²
Option 3 Split system air conditioning unit* (Ducted/Non-ducted) less than 4.5 star Solar Gas Hot Water Gas Cook top Gas Log Fire Gas outdoor kitchen and BBQ	●	●	●	●	●	●