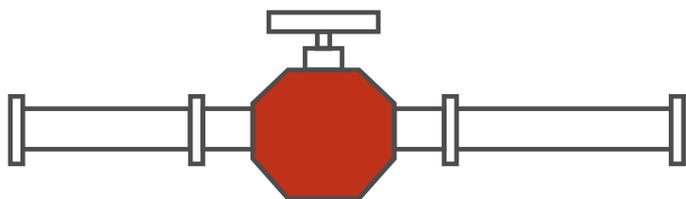
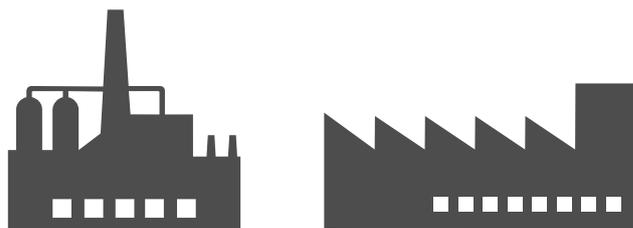


## 4,384,795 residential connections

Australia's domestic Natural Gas networks provide energy to almost half of Australia's households. Natural Gas heating, cooking and hot water appliances efficiently provide a safe, comfortable and low carbon energy source for millions of Australians.

## 133,924 commercial and industrial connections

Businesses use Natural Gas for cooling, heating, cooking and drying products for market. Natural Gas represents a key feedstock for industry and offers commercial operators exceptional reliability in production processes and operations.



## 88,636 km of Natural Gas network

Natural Gas network businesses operate \$9 billion of assets. This long life infrastructure is supported by investment in infrastructure, technology development, training, management and safety systems.

## 2,811 workers

Network operational staff work with gas transmission operators, plumbers, retailers and installers to ensure a continuous and safe supply of energy to Australian businesses and households.



**75%**  
LESS CO<sup>2</sup>e

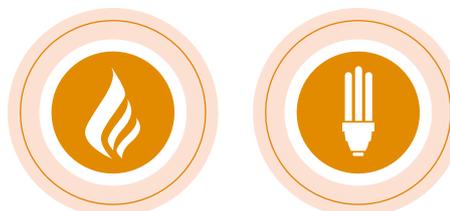


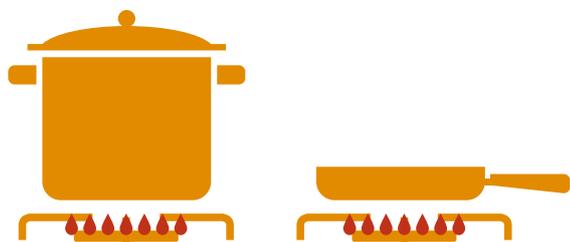
## Delivering low emissions energy

In 2013 Natural Gas networks provided more energy than all the brown coal fired power stations in Australia. In Victoria, Natural Gas offers an energy source with less than one sixth of the greenhouse emissions intensity of electricity. In NSW, WA and Queensland, the greenhouse gas emissions of energy used in gas appliances and supplied from Natural Gas networks is less than a quarter of the emissions from the use of electricity.

## Supporting the energy grid

In winter, gas heaters provide instant warmth for millions of Australian homes. ENA estimates that without Natural Gas for heating in NSW, the peak demand for electricity in winter could be up to 20% higher. In the 2014 summer heat wave, generation from gas fired power stations supplied 91% of the extra power required in South Australia against 5% for wind and 1% for solar.





### Cooking with Gas

Natural Gas provides instant, responsive, heat adjustment - making Natural Gas the preferred energy source for cooking by many chefs. Cooking with Natural Gas enhances kitchen safety as gas burners cool quickly when turned off and the visible flame indicates when the cooker is on.

Outdoor BBQs can easily be connected to a Natural Gas network – removing the need to replace gas bottles.

### Better for your wallet and the environment

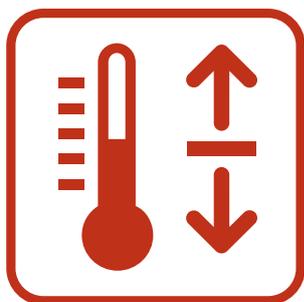
A continuous flow gas water heater connected to a Natural Gas network never runs out and can reduce household carbon emissions by up to 83% over an electric resistance water heater.

Continuous flow hot water systems using Natural Gas provide similar levels of greenhouse gas abatement to more expensive electric-boosted solar water heaters and considerably more than heat pump water heaters. In addition, the purchase, installation and maintenance costs of a continuous flow hot water systems are cheaper than the alternatives.

Continuous flow water heaters only power up when needed, giving complete control of energy costs for hot water.

REDUCED CO<sup>2</sup>e

# 83%



### Comfort and Reliability

Natural Gas is an outstanding heating option where other systems can struggle to create and maintain a warm, comfortable home.

Natural Gas provides a fast, comfortable, instant and intensive source of heat without condensation.

### Transporting the future – using Compressed Natural Gas

Vehicles powered by Compressed Natural Gas (CNG) are already giving Australia greater energy security.

CNG used in significant numbers of buses in Adelaide, Canberra, Perth and Sydney provides lower greenhouse gas emissions and particulates - improving air quality in our cities.

Logistics fleets use CNG fuelled trucks to lessen exposure to diesel price fluctuations. Passenger cars designed to use CNG are already in use overseas and allow for refuelling from the home – saving consumers time and money.

