

# Gas or Electricity

How will projected gas prices affect you?

What is going on with the Australian gas market?

Your gas prices are predicted to increase significantly in the next 15 years. Learn why and what is going to happen.



## Depending on your location, your gas bill may rise 30-50%

Australia may start exporting gas to other countries. This means that less gas will be available to people living in New South Wales, Queensland, South Australia, Victoria, and Tasmania. If this export happens, residential gas prices will increase and you may have to pay a higher gas bill. Many organisations have predicted what gas prices will be and they think there will be a large price change. At the most, gas prices may double by the 2020s. At the least, gas prices may increase 30%.

Lack of supply due to high export could also lead to gas shortages in Australia. There are predictions saying New South Wales may experience up to 118 days of gas shortages unless something is done about the gas that is transported between states in the eastern gas market.

### Key Points

Forecasts	Natural gas may not be the cheapest option for you in the future
Electricity	Electricity may serve as an affordable and efficient alternative
Location Pricing	The price of gas and electricity changes across Australia



## An efficient alternative to natural gas in your home

By now you understand that your gas bill may increase. To save money, there are other sources of energy that you can use. Electricity is becoming a very efficient form of energy in many households.

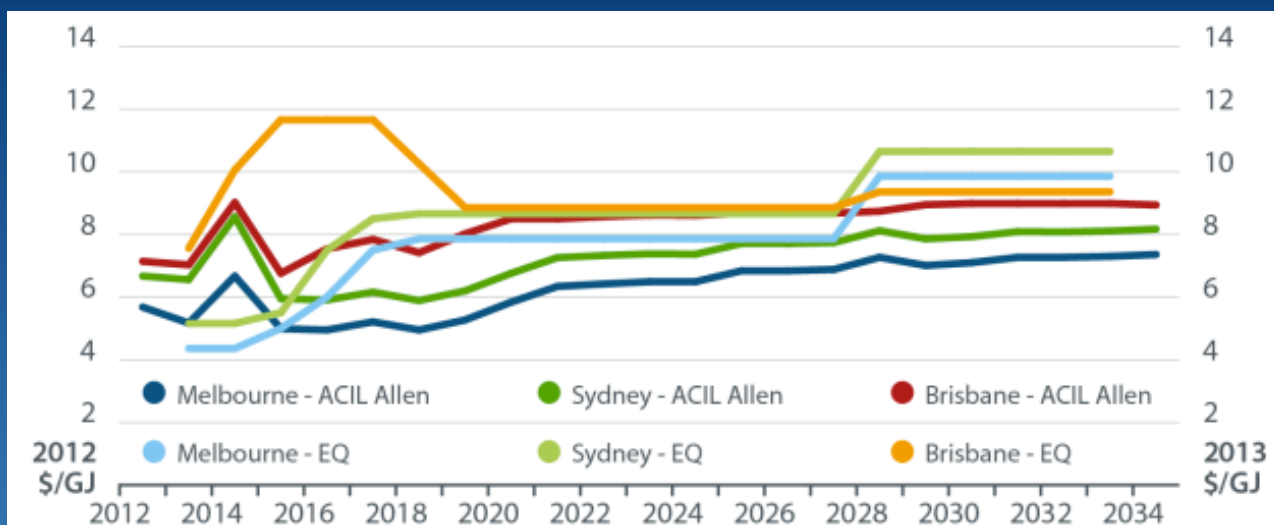
Conveniently, most homes are connected to electricity, or the “grid”. Therefore, should you choose to switch from gas to electric appliances, there are not many extra costs for installing new systems.

Electric appliances, such as hot water heat pumps, split system, reverse cycle air conditioners, and induction cooktops use less energy than gas appliances and therefore, cost less. For further information regarding energy efficiency, review the appliance specific fact sheets about the three electric appliances mentioned above.

Overall, electricity could save your household money. The total demand for electricity has gone down significantly over the past four years. The reason for the lower demand is due to more efficient appliances. Although many people may benefit from converting from gas to electric appliances, there are still a number of consumers that should stay connected to gas for the time being. Refer to the further fact sheets for more information about what you can do to make affordable household energy decisions.



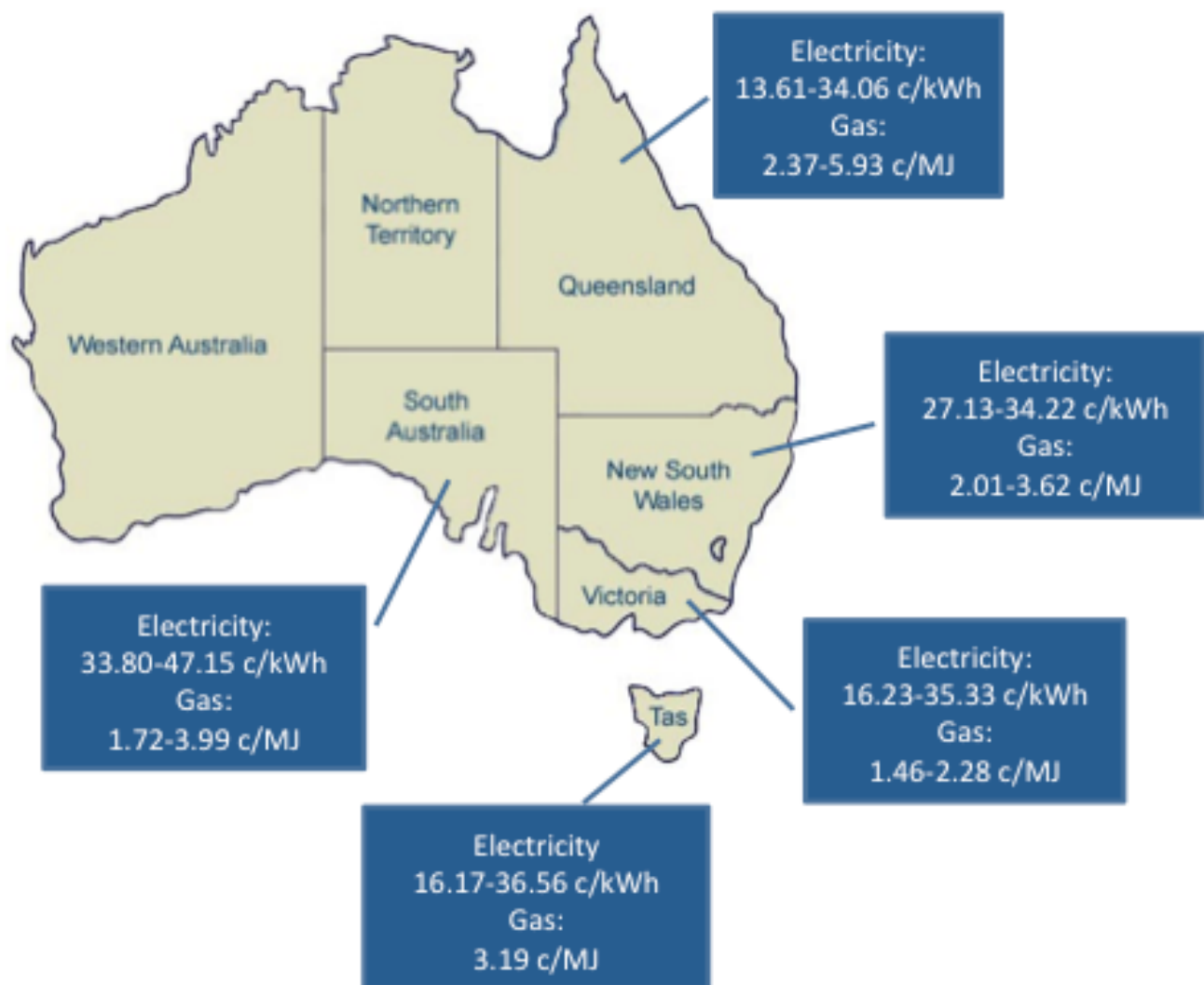
*“Electric appliances, such as hot water heat pumps, split system, reverse cycle air conditioners, and induction cooktops provide higher energy efficiency than their gas equivalents.”*



Note: ACIL Allen is the base scenario and is plotted on the left. EQ is EnergyQuest's \$95 JCC scenario and is plotted on the right.

This graph shows gas projections from two organizations in dollars per Giga Joule.

## Consumption prices vary depending on what state you live in



Gas and electricity prices are different in each Australian state. The map shown above indicates a range of electricity and gas consumption prices for each of the five eastern Australian states. There are ranges of prices because there are multiple distributors of gas and electricity throughout each state.

In addition to consumption prices (cents/kWh or cents/MJ), all gas and electricity distributors require a daily supply charge (cents/day) as well. Further prices can be found from the following: Victoria Gazette, Origin Energy, Energy Australia, Tas Gas Networks, Aurora Gas, Aurora Energy, ActewAGL, and AGL.