

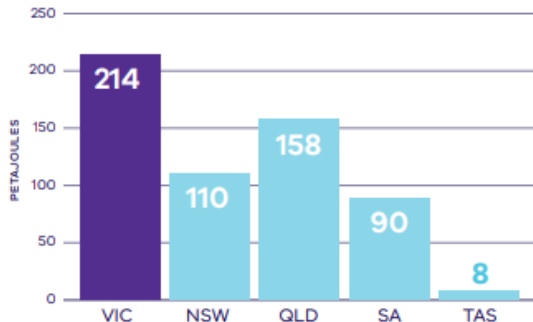
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Goulburn Murray Climate Alliance, 23 February 2023

Homes and the transition from gas to renewables

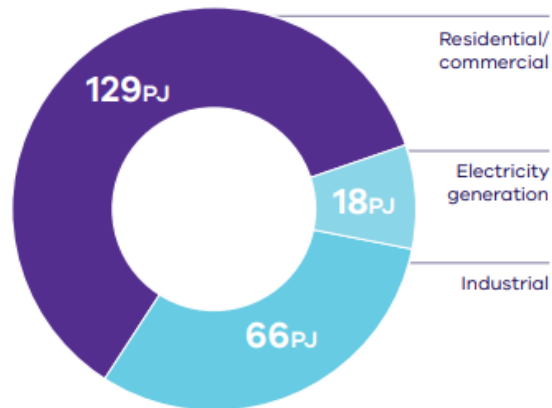
Victoria accounts for 37% of domestic gas consumption in the East Coast Gas Market

Gas consumption in East Coast Gas Market 2020



AEMO, National Electricity and Gas Forecasting, online data portal forecasting.aemo.com.au/Gas/AnnualConsumption/Total

Gas consumption in Victoria 2020



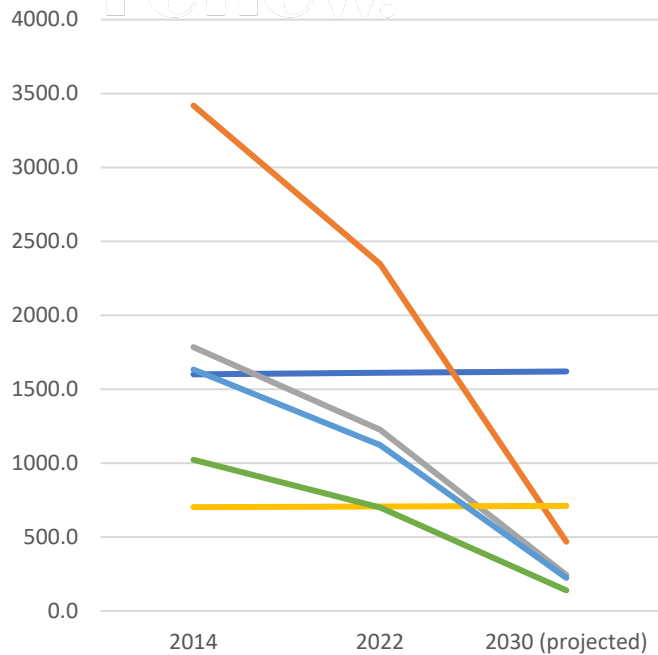
PJ= petajoules, Source: AEMO

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Victoria will transition away from gas.

2 million homes are connected to gas. There is no way to meet Victoria's emissions targets without reducing residential gas use.

Annual emissions (kg CO₂-e) from heating: Wodonga



- Gas heater (no insulation)
- Inefficient electric heater (no insulation)
- Reverse cycle air conditioner (no insulation)
- Gas heater with insulation (insulation)
- Inefficient electric heater (insulation)
- Reverse cycle air conditioner (insulation)

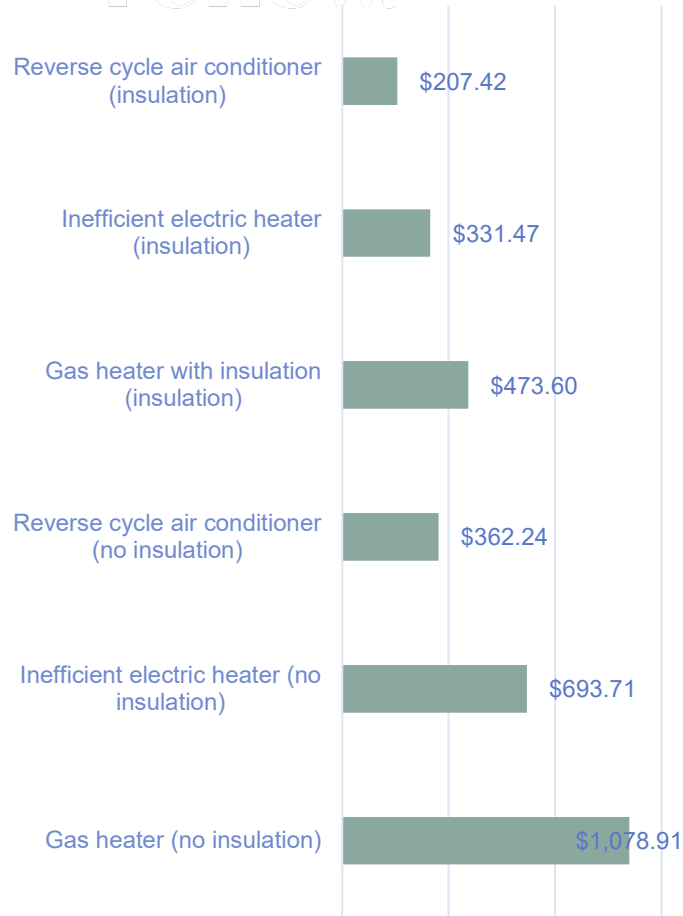
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Electrification will increasingly reduce emissions.

Renewables are decarbonising electricity, but not gas.

Annual cost to heat 50m2 space in rental home: Wodonga

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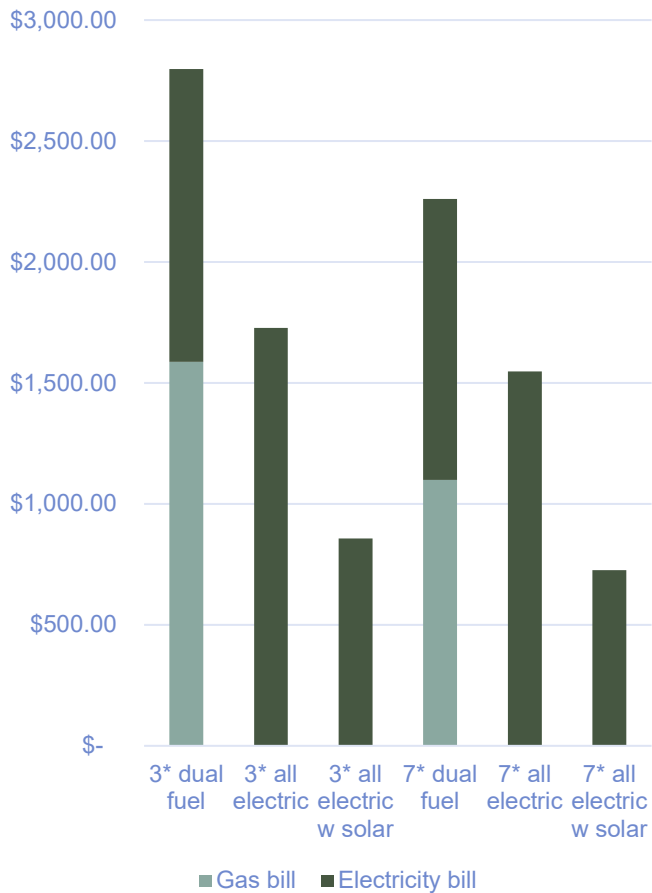


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Getting off gas saves money.

Renew has conducted independent modelling of the savings to households that replace gas.

Annual energy bills (Melbourne): 200m2 detached house, 2022 tariffs



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Savings are even bigger for homes that completely disconnect from gas.

All-electric homes with solar can cut bills by up to 75%.

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The challenge.

The transition must not leave anyone behind.

Renters, social housing residents, and owner-occupiers with low incomes face higher barriers to retrofitting their home – and risk getting locked into high prices as the energy transition continues.

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The Getting Off Gas Toolkit – launching winter 2023.

- **Website**
- **Print communications**
- **Events and webinars**
- **Train the trainer**
- **Practical resources available to NGOs and councils**

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Discussion: what can councils do?

- **Working with communities**
- **Information and access to programs**
- **Planning levers**
- **Merri-Bek communications work**
- **What else?**

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