

Save money and the environment with your new all electric home



New all-electric homes are cheaper to heat, cool and run – and can save households over **\$2,200 per year on their energy bills when combined with solar panels.**

New all-electric homes don't need two separate systems for heating and cooling - instead using one, efficient system.

New all-electric homes can use highly efficient heat pumps for their hot water, which are cheaper to run and can be timed to soak up solar power. And they can also use modern, induction cooktops - which are safer, faster and easier to clean than gas cooktops.

New all-electric homes don't need to cost any more upfront than new homes connected to mains gas and mains electricity, and can often cost less.

This is why the Victorian Government, as part of its Gas Substitution Roadmap, has chosen to phase out gas connections to new homes – to ensure Victorians can benefit from low cost, healthy and comfortable new homes.

Building a new home is also the best time to consider higher energy efficiency for the building. Building to 7 Stars and above will further reduce heating and cooling energy use and save even more money on energy bills and emissions.

Victorian households are able to take advantage of rebates and interest free loans available through the Solar Homes Program to reduce the cost of installing

solar on their new home. Victorians can start saving from the day they move in and can further increase their savings by consuming the energy generated by their system each day.

The Gas Substitution Roadmap is helping our State navigate the path to net zero emissions while cutting energy bills.

Please see next page for examples of cost savings.

For more information,
visit the following:

[www.energy.vic.gov.au/gas/
victorias-gas-substitution-roadmap](http://www.energy.vic.gov.au/gas/victorias-gas-substitution-roadmap)

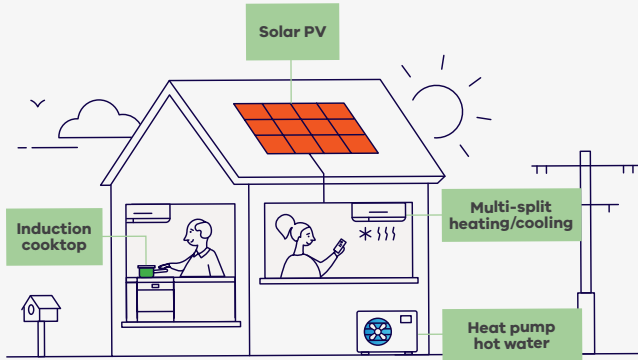


Energy,
Environment
and Climate Action

Example:

Costs of a new all-electric home (with multi-split heating/cooling) vs a new dual-fuel home

All-electric:



Appliance and install costs

Cooling	\$12.1k
Heating	
Hot water	\$4.5k
Cooktop (inc. fixed charge)	\$1.8k
Total (appliances)	\$18.4k

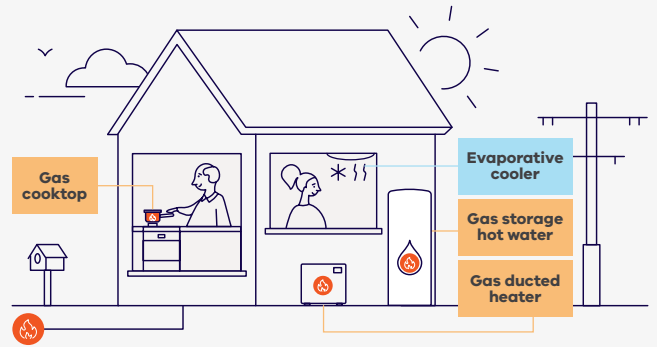
Bill savings

Heating/Cooling	\$480 saving
Hot water	\$170 saving
Cooktop (inc. fixed charge)	\$370 saving
Total savings	\$1,020 saving
Annual energy bill	\$2,590

Solar

Solar installation cost (6.6 kW)	\$4,630
Solar saving	\$1,230 saving
Annual energy bill (with solar)	\$1,360

Dual-fuel:



Appliance and install costs

Cooling	\$12.4k
Heating	
Hot water	\$2.4k
Cooktop (inc. fixed charge)	\$1.2k
Total	\$16k
Gas pipework installation cost	\$1.3k to \$5k
Total cost (appliance + installation)	\$17.3k to \$21k

Bill costs

Electricity bill	\$1,880
Gas bill	\$1,730
Annual energy bill	\$3,610

We acknowledge Victorian Traditional Owners and their Elders past and present as the original custodians of Victoria's land and waters and commit to genuinely partnering with them and Victoria's Aboriginal community to progress their aspirations.



© The State of Victoria Department of Energy, Environment and Climate Action 2023
978-1-76136-371-9 (pdf/online/MS word)

Disclaimer

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

energy.vic.gov.au



Energy,
Environment
and Climate Action