

## Embracing electricity to cut your bills at home

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

The Roadmap outlines how we will use energy efficiency, electrification, hydrogen and biogas to drive down bills and cut carbon emissions.

It will also ensure that Victorians have access to an affordable, secure, reliable, and safe supply of energy.

Running your home on electricity will save you money and reduce your carbon emissions. When major gas appliances, such as gas heating or hot water systems reach the end of their life, it's a great time to consider upgrading them with an efficient electric option.

New incentives will become available through the Victorian Energy Upgrades program to support households to undertake these updates.

Rebates of approximately \$2,600 will be available to replace ducted gas heating systems and evaporative cooling systems with an efficient, electric reverse cycle heating and cooling system.

Rebates of approximately \$300 will be available to replace gas hot water systems with heat pump hot water systems, which are highly efficient, and can heat water for free from solar panels.

Gas cooktops can be replaced with modern induction cooktops – which are safer, faster and easier to clean.

For more information please visit the [Victorian Energy Upgrades program](https://www.victorianenergyupgrades.com.au) website.



Converting an existing home with solar panels from gas to electricity can save around \$1,250 a year on energy bills. This is in addition to approximately \$950 of savings per year from an existing 6.6kW solar system.

Adding a medium-sized battery can also save a further \$520 per year. Renovations are another excellent time to consider switching to efficient, electric appliances. Many renovations focus on living spaces – those areas that are most used and require the most energy for heating and cooling. They also often have older appliances, which are due for replacement.

Renovations should focus on improving the efficiency of the building to further reduce energy bills and emissions. The Victorian [Residential Efficiency Scorecard](#) can help.

For more information, visit the [Gas Substitution Roadmap](#) web page.

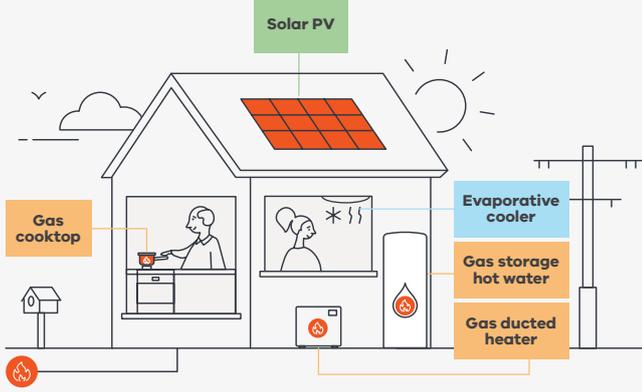
**Please see next page for examples of cost savings.**

# Victoria's Gas Substitution Roadmap

## Example:

Costs of converting an existing solar home from dual-fuel to all-electric (with multi-split heating/cooling)

### Dual-fuel:



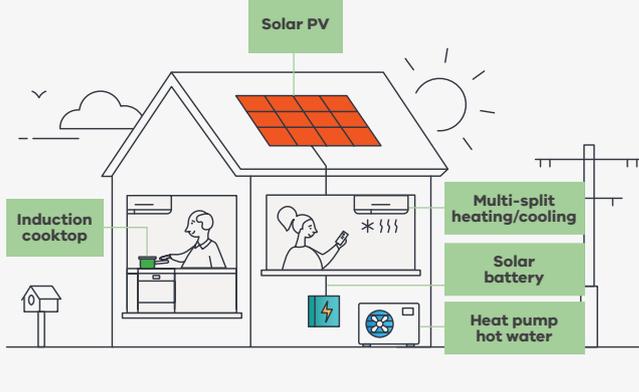
Appliance and install costs*	
Cooling	\$12.4k
Heating	
Hot water	\$2.4k
Cooktop (inc. fixed charge)	\$1.2k
Solar	Existing
<b>Total</b>	<b>\$16k</b>

Bill costs	
Electricity bill (Note: Existing solar saving \$950)	\$580
Gas bill	\$1,780
<b>Annual energy bill</b>	<b>\$2,360</b>

\*Does not include site-specific upgrade costs (eg. switchboard upgrade)

### All-electric:



Appliance and install costs*		Costs after Solar Homes rebate
Cooling & Heating	\$9.5k (incl. new \$26k VEU incentive)	
Hot water	\$4.2k (incl. new \$300 VEU incentive)	\$3.2k (incl. \$1k solar hot water rebate)
Cooktop (inc. fixed charge)	\$1.8k	
Solar	Existing	
<b>Total (appliances)</b>	<b>\$15.5k</b>	<b>\$14.5k</b>
Battery	\$13.8k	\$10.3k (incl. \$3.5k solar battery rebate)

Bill savings**	
Heating/Cooling	\$570 saving
Hot water	\$180 saving
Additional solar savings	\$230 saving
Cooktop (inc. fixed charge)	\$270 saving
<b>Total savings</b>	<b>\$1,250 saving</b>
<b>Annual energy bill</b>	<b>\$1,110</b>
Battery	\$520 saving
<b>Annual energy bill (with battery)</b>	<b>\$590</b>

\*Does not include site-specific upgrade costs (eg. switchboard upgrade)  
\*\*Average annual savings, 2022 dollars

# Victoria's Gas Substitution Roadmap



For more information,  
visit the following:

[www.victorianenergyupgrades.vic.gov.au](http://www.victorianenergyupgrades.vic.gov.au)

[www.victorianenergysaver.vic.gov.au/  
save-energy-and-money/get-a-home-  
energy-assessment/getting-an-assessment](http://www.victorianenergysaver.vic.gov.au/save-energy-and-money/get-a-home-energy-assessment/getting-an-assessment)

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

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