

# Your Go Electric Plan

Join the clean energy future and make your home all-electric. Use this plan to prepare so that when appliances need replacing, you're ready to make the switch.



Your household could save up to 75%\* per year on your bills.



- Step 1** Record the age of your gas appliances and any petrol/diesel cars (check receipts or the appliance nameplate).
- Step 2** Choose your future electric appliances and/or vehicle.

## Things to Consider when Planning

- Prioritise replacing appliances that are more than 10 years old. This can fast track your transition to an all-electric home
- Replace gas heating, cooktop and oven to improve indoor air quality
- Install Solar PV to further reduce your energy costs
- Improve the insulation and seal gaps in your home to reduce heating and cooling bills.
- Use the [Climate Council Calculator](#) to calculate your savings

We are here to help: [www.yarraranges.vic.gov.au/Environment/Sustainable-communities/Sustainable-homes](http://www.yarraranges.vic.gov.au/Environment/Sustainable-communities/Sustainable-homes)

Current appliance	Age of current appliances (years)	Go Electric with an	Rating	Cost	When could I replace?
Gas heating		<input type="checkbox"/> Split system reverse cycle air conditioning	Best	\$-\$\$	
		<input type="checkbox"/> Ducted Reverse Cycle air conditioning	Better	\$\$\$	
		<input type="checkbox"/> Heat pump hydronic heating	Best	\$\$\$+	
		<input type="checkbox"/> Electric heater	Good	\$	
Gas hot water		<input type="checkbox"/> Electric hot water heat pump	Best	\$-\$\$\$	
		<input type="checkbox"/> Electric storage (with solar and timer)	Better	\$	
Gas cooktop or gas oven		<input type="checkbox"/> Induction cooktop	Best	\$-\$\$\$	
		<input type="checkbox"/> Electric cooktop	Better	\$-\$\$	
		<input type="checkbox"/> Electric oven		\$-\$\$\$	
Petrol or diesel car		<input type="checkbox"/> Electric bike		\$-\$\$	
		<input type="checkbox"/> Electric vehicle		\$\$-\$\$\$+	
		<input type="checkbox"/> Walk or ride more		\$	
		<input type="checkbox"/> Take public transport		\$	

The first action I will take is...

Key	Good   Better   Best	Ranking of solution based on quality, efficiency and best for the environment.	\$-\$\$\$+	Upfront cost price range.
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\* [renew.org.au/research/limiting-energy-bills-by-getting-off-gas/](http://renew.org.au/research/limiting-energy-bills-by-getting-off-gas/)

# Go Electric Fact Sheet

Appliance	Description	Benefits	Tips and resources	Council programs and other rebates
Solar panels and GreenPower 	<ul style="list-style-type: none"> <li>Solar panels convert sunlight into free electricity for use in your home</li> <li>Any excess electricity goes back to the electricity grid or used to charge a battery</li> </ul>	<ul style="list-style-type: none"> <li>Power your home with renewable energy</li> <li>Solar can make your electric appliances free to run</li> <li>Solar usually pays for itself in 3-5 years</li> <li>Anyone can support more renewable energy in Australia by choosing GreenPower</li> </ul>	<ul style="list-style-type: none"> <li>Run your electric appliances during the day to maximise savings</li> <li><a href="#">Check your electricity plan</a> to make sure you're getting the best deal</li> <li>Check Greenpeace's <a href="#">Green Electricity Guide</a> when choosing a GreenPower retailer</li> </ul>	Buy solar from <a href="#">Yarra Range's Solar Savers</a> program  Victorian Government <a href="#">Solar Victoria</a> solar rebates and solar and battery no-interest loans
Electric heating 	<ul style="list-style-type: none"> <li>Can be single unit, many units or whole of house (ducted)</li> <li>Single units are the cheapest to run</li> </ul>	<ul style="list-style-type: none"> <li>Can heat your home in winter and cool it in summer</li> <li>In winter, reverse cycle air-conditioning is 3-4 times more efficient than a standard electric heater or a gas space heater</li> </ul>	<ul style="list-style-type: none"> <li>Clean filters regularly</li> <li>In winter - set thermostat to 18-20°C</li> <li>In summer set thermostat to 23-25°C</li> <li>Choose a natural refrigerant such as R32</li> </ul>	Buy a reverse-cycle heater from <a href="#">Yarra Range's Solar Savers program</a> .  Victorian Government <a href="#">Energy Upgrade program</a> has discounts for upgrading your heating and cooling
Electric hot water heat pump 	<ul style="list-style-type: none"> <li>Heat is absorbed from the air outside and transferred to the water in the tank</li> </ul>	<ul style="list-style-type: none"> <li>3-5 times more efficient than an electric/gas hot water heater</li> </ul>	<ul style="list-style-type: none"> <li>Choose a heat pump with a natural refrigerant</li> <li>Look for systems with control options (such a timer so you can use your solar energy)</li> <li>If your current water heater dies, ask for a temporary system</li> </ul>	Buy a hot water heat pump from <a href="#">Yarra Range's Solar Savers program</a> .  Victorian Government <a href="#">Solar Victoria</a> hot water rebate  Victorian Government <a href="#">Energy Upgrade program</a> has discounts for hot water
Induction cooktop 	<ul style="list-style-type: none"> <li>If a magnet sticks to your cookware then it is compatible</li> <li>Stainless steel and cast iron work well</li> </ul>	<ul style="list-style-type: none"> <li>Improved air quality</li> <li>Safe</li> <li>Fast and efficient</li> <li>Greater temperature range</li> <li>Easy to clean</li> <li>Cooler kitchen</li> </ul>	<ul style="list-style-type: none"> <li>Check with an electrician to see if you need switchboard upgrades</li> <li>Choose electric cooktop alternatives if you have a pacemaker</li> <li>Portable induction cooktops are cheap and can plug into any plug</li> </ul>	Victorian Government <a href="#">Energy Upgrade program</a> has discounts for induction cooktops.
Electric car or bicycle 	<ul style="list-style-type: none"> <li>Electric cars run on electricity rather than petrol or diesel</li> <li>Plug-in hybrid electric vehicles run on both electricity and petrol</li> </ul>	<ul style="list-style-type: none"> <li>Electric cars are cheap to run and need very little maintenance</li> <li>Can be charged on clean renewable energy</li> <li>Non-polluting and quiet to drive and ride</li> <li>Electric and cargo bikes are a great alternative to using a car and cheaper</li> </ul>	<ul style="list-style-type: none"> <li>Consider an electric bike before investing in a car</li> <li>Use the <a href="#">Electric Vehicle Council cost calculator</a></li> <li>Find public charging stations on <a href="#">PlugShare</a></li> </ul>	Currently no rebates available

## Other Resources:

- [Guide to Electrifying Your Apartment or Townhouse](#)
- Renew's [Getting Off Gas Toolkit](#)
- [Sustainability Victoria: Electrify your home | Sustainability Victoria](#)
- [My Efficient Electric Home](#) Facebook group

