



Have your appliances seen better days? When it's time to replace them, choose electric.

An electric home is more comfortable, healthier, cheaper to run and better for the environment. Use this plan so you're ready to make the switch. You can do it all at once, or one step at a time.

- 1** Record the age of your appliances and/or vehicle (check receipts or the appliance name plate).
- 2** Choose your future electric appliances and/or vehicle.
- 3** Prioritise the order of replacing appliances and/or vehicle.

Tips

- Improve insulation and seal gaps in your home to reduce heating and cooling bills.
- Prioritise replacing appliances that are more than 10 years old.
- Get free energy advice or a quote to install solar, insulation and electrification products through Council's [Home Energy Upgrades Program](#).
- Calculate your savings using the [Climate Council Calculator](#).
- Borrow a Home Energy Efficiency Kit to measure your energy use at home from the Bayside Libraries [Library of Things](#).

Current appliance	Age (yrs)	When can I replace?	Go Electric with:		Rating*	Cost**
Gas heating and cooling				Split system reverse cycle air conditioning	Great	\$ - \$\$
				Heat pump hydronic heating	Great	\$\$\$+
				Ducted Reverse Cycle air conditioning	Good	\$\$\$
				Electric heater	Okay	\$
Gas hot water				Electric heat pump	Great	\$ - \$\$\$
				Electric storage (with solar and timer)	Good	\$
Gas cooktop				Induction stove	Great	\$ - \$\$\$
				Electric stove	Good	\$ - \$\$
Gas oven				Electric oven	Great	\$ - \$\$
Petrol or diesel car				Electric bike	Great	\$ - \$\$
				Electric vehicle	Great	\$\$ - \$\$\$+
Gas pool heating				Electric heat pump	Great	\$ - \$\$\$
				Solar only	Good	\$ - \$\$\$

* Rating (Okay, Good, Great): Ranking of solution based on quality, efficiency and what's better for the environment.

** Cost (\$-\$\$\$+): Upfront cost price range, indicating low, medium and higher priced options in the category.

Key home upgrades to become all-electric

Description	Benefits	Tips and resources	Council programs and other rebates
Solar panels, solar battery and GreenPower			
<ul style="list-style-type: none"> Solar panels convert sunlight into free electricity for use in your home Any excess electricity goes back to the electricity grid or used to charge a solar battery 	<ul style="list-style-type: none"> Power your home with renewable energy Solar can make your electric appliances free to run Solar usually pays for itself in 3-5 years Anyone can support more renewable energy in Australia by choosing GreenPower 	<ul style="list-style-type: none"> Run your electric appliances during the day to maximise savings Check Greenpeace's Green Electricity Guide when choosing a Green Power retailer 	<ul style="list-style-type: none"> Council's Home Energy Upgrades Program Victorian Government Solar Victoria solar and battery rebates
Electric heating and cooling			
<ul style="list-style-type: none"> Can be a single unit, many units or whole of house (ducted) to heat/cool single or multiple rooms at once Single units are the cheapest to run 	<ul style="list-style-type: none"> Reverse cycle air-conditioning can heat your home in winter and cool it in summer In winter, they are 3-4 times more efficient than a standard electric heater or a gas space heater 	<ul style="list-style-type: none"> Clean filters regularly In winter - set thermostat to 18 - 20°C In summer - set thermostat to 23 - 25°C For more information visit Renew 	<ul style="list-style-type: none"> Council's Home Energy Upgrades Program Victorian Government Energy Upgrades Program has discounts for heating and cooling
Electric hot water heat pump			
<ul style="list-style-type: none"> Heat is absorbed from the air outside and transferred to the water in the tank 	<ul style="list-style-type: none"> 3-5 times more efficient than an electric/gas hot water heater 	<ul style="list-style-type: none"> Choose a heat pump with a natural refrigerant Look for systems with control options (such a timer so you can use your solar energy) If your current water heater fails, ask for a temporary system while waiting for an electric heat pump For more information visit Renew 	<ul style="list-style-type: none"> Victorian Government Solar Victoria hot water rebate Victorian Government Energy Upgrades Program has discounts for hot water heat pumps Council's Home Energy Upgrades Program
Induction cooktop			
<ul style="list-style-type: none"> Generates heat directly in the pot or pan by using magnets If a magnet sticks to your cookware then it is compatible with induction Stainless steel and cast iron work 	<ul style="list-style-type: none"> Improved air quality Safe, fast and efficient Greater temperature range Easy to clean Cooler kitchen 	<ul style="list-style-type: none"> Check with an electrician to see if you need switchboard upgrades Choose electric cooktop alternatives if you have a pacemaker Portable induction cooktops are cheap, can plug into any wall, and are a great place to start For more information visit Choice or Renew 	<ul style="list-style-type: none"> Victorian Government Energy Upgrades Program has discounts for induction cooktops Council's Home Energy Upgrades Program
Electric Car or Bicycle			
<ul style="list-style-type: none"> Electric and cargo bikes are a great alternative to a car Electric cars run on electricity rather than petrol or diesel Plug-in hybrid electric vehicles run on both electricity and petrol 	<ul style="list-style-type: none"> Electric bikes are a fun, cheaper and healthier alternative to a car Electric cars are more economical to run and need very little maintenance Can be charged on clean renewable energy Non-polluting and quiet to drive and ride 	<ul style="list-style-type: none"> Consider an electric bike before investing in a car Use the Electric Vehicle Council cost calculator Consider location and charging speeds for home charging. Note: You can charge from a normal powerpoint in your garage Find public charging stations on PlugShare 	<ul style="list-style-type: none"> No rebates currently available



Other Resources:

[Guide to Electrifying Your Apartment or Townhouse](#)

[Guide to Electrifying Your Home: Sustainability Victoria](#)

[My Efficient Electric Home Facebook group](#)