



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

Join the clean energy net zero future and make your home all electric.

Electric appliances are healthier, cheaper to run, better for the environment and essential to a comfortable, modern home. Your household could save up to 75% per year on your bills.

How to use this guide

Assess your home appliances by using the following checklist to prepare so that when appliances need replacing, you're ready to make the switch. You can do it all at once, or one step at a time.

Take these steps:

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

Things to consider:

- Prioritise replacing appliances that are more than 10 years old. This can fast track your transition to an all electric home
- Replace tired and old split systems, gas heating, cooktops and ovens to improve indoor air quality
- Install Solar PV to further reduce your running 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

Current appliance	Age (yrs)	When can I replace?	Go Electric with:	Rating*	Upfront cost pricing options			
					Low	Med	High	Top
Gas heating and cooling			Split system reverse cycle air conditioning	●●●	✓	✓		
			Heat pump hydronic heating	●●●				✓
			Ducted Reverse Cycle air conditioning	●●			✓	
			Electric heater	●	✓			
Gas hot water			Electric heat pump	●●●	✓	✓	✓	
			Electric storage (with solar and timer)	●●	✓			
Gas cooktop			Induction stove	●●●	✓	✓	✓	
			Electric stove	●●	✓			
Gas oven			Electric oven	●●●	✓	✓	✓	
Petrol or diesel car			Electric bike	●●●	✓	✓		
			Electric vehicle	●●●		✓	✓	✓
Gas pool heating			Electric heat pump	●●●	✓	✓	✓	
			Solar only	●●	✓	✓	✓	

*Rating - Good (●), Better (●●), Best (●●●) - Ranking of solution based on quality, efficiency and best for the environment.

Key appliances for an all electric home

Description	Benefits	Tips and resources	Council programs and other rebates
Solar panels and GreenPower			
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 battery	Power your home with renewable energy Solar can make your electric appliances free to run Solar usually pays for itself in 3-8 years Anyone can support more renewable energy in Australia by choosing GreenPower	Run your electric appliances during the day to maximise savings. Check your electricity plan to make sure you're getting the best deal Check Greenpeace's Green Electricity Guide when choosing a GreenPower retailer	Council's Solar Saver program Victorian Government Solar Victoria solar and battery rebates
Electric heating and cooling			
Can be single unit, many units or whole of house (ducted) Single units are the cheapest to run	Can heat your home in winter and cool it in summer In winter, reverse cycle air-conditioning is 3-4 times more efficient than a standard electric heater or a gas space heater	Clean filters regularly In winter - set thermostat to 18 - 20°C In summer - set thermostat to 23 - 25°C Choose a natural refrigerant such as R32 For more information visit Renew	Council's Electrify Everything program Victorian Government Energy Upgrade program has discounts for upgrading your heating and cooling
Electric hot water heat pump			
Heat is absorbed from the air outside and transferred to the water in the tank	3-5 times more efficient than an electric/gas hot water heater	Choose a heat pump with a natural refrigerant Look for systems with control options (such as a timer so you can use your solar energy) If your current water heater dies, ask for a temporary system while waiting for an electric heat pump For more information visit Renew	Victorian Government Solar Victoria hot water rebate Victorian Government Energy Upgrade program has discounts for hot water
Induction cooktop			
If a magnet sticks to your cookware then it is compatible with induction Stainless steel and cast iron work well	Improved air quality Safe, fast and efficient Greater temperature range Easy to clean Cooler kitchen	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	No rebates currently available
Electric Car or Bicycle			
Electric cars run on electricity rather than petrol or diesel Plug-in hybrid electric vehicles run on both electricity and petrol	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 Electric and cargo bikes are a great alternative to using a car	Consider an electric bike before investing in a car Use the Federal Government's Home Charging Calculator Consider location and charging speeds for home charging Find public charging stations on PlugShare	No rebates currently available
Borrow a free Home Energy Efficiency Kit			
Designed to help you take action to make your home more efficient, reduce emissions and save money.	Measuring your energy and water use at home, will help you identify where you can reduce usage to lower your bills.	For more energy efficiency ideas, visit Sustainability Victoria's Household energy action guide	Visit Bayside Libraries to borrow your Home Energy Efficiency Kit

Other Resources:

seccca.org.au

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

[Sustainability Victoria](#)

[My Efficient Electric Home Facebook group](#)

renew.org.au