

Your Go Electric Plan

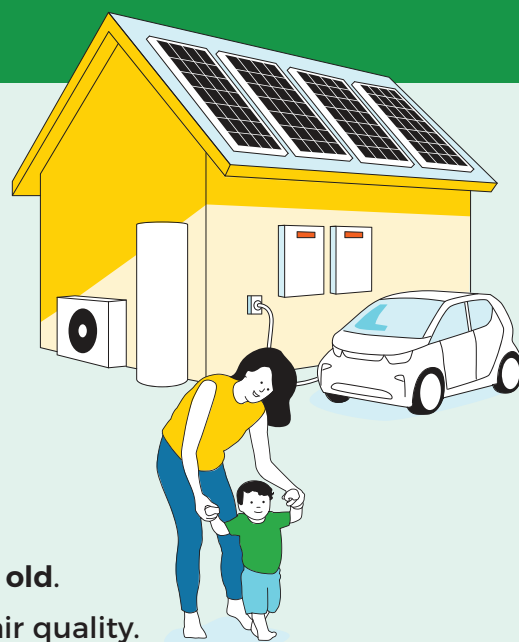
By going all-electric, your household could save up to 75%* per year on bills.

This plan prepares you to make the switch. First steps?

- 1 Record the age of your gas appliances and any petrol/diesel cars (check receipts or the appliance nameplate).
- 2 Choose your future electric appliances and/or vehicle. Prioritise and budget for installation.
- 3 Install your new efficient electric appliances and take steps towards an all-electric home!

Here's what to consider when planning:

- **Prioritise replacing appliances that are more than 10 years old.**
- **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.**



Key: **Good, Better, Best:** Ranking of solution based on quality, efficiency and impact on the environment.
\$-\$\$\$+: Upfront cost price range, indicating low, medium and higher priced options in the category.

Appliance	Age of appliance (years)	Go electric with	When could I replace (year)?
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 boosted solar hot water (Better, \$\$\$+) <input type="checkbox"/> Electric storage (with solar and timer) (Good \$)	
Gas cooktop or gas oven		<input type="checkbox"/> Induction cooktop (Best, \$-\$\$\$) <input type="checkbox"/> Electric cooktop (Better, \$-\$\$) <input type="checkbox"/> Electric oven (Better, \$\$\$)	
Petrol or diesel car		<input type="checkbox"/> Electric bike (\$-\$\$\$) <input type="checkbox"/> Electric vehicle (\$-\$\$\$+) <input type="checkbox"/> Walking or riding (\$) <input type="checkbox"/> Taking public transport (\$)	
Gas swimming pool or spa heating		<input type="checkbox"/> Electric heat pump (Best, \$-\$\$\$) <input type="checkbox"/> Solar (Better, \$\$\$)	








Where can I find more information?

- 🔗 manningham.vic.gov.au/electrify-your-life
- 🔗 solarsavers.org.au/register-manningham

* renew.org.au/research/limiting-energy-bills-by-getting-off-gas/

Key appliances for an all-electric home

Appliance	Description	Benefits	Tips and resources	Discounts and support
Solar panels, Battery storage, Green Power 	<ul style="list-style-type: none"> Solar panels convert sunlight into free electricity for use in your home Any excess electricity goes back into the grid or is used to charge a battery. GreenPower is 100% renewable electricity that you can buy to support a cleaner electricity grid. 	<ul style="list-style-type: none"> Powers 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 your electricity plan to make sure you're getting the best deal Use Greenpeace's Green Electricity Guide to help you choose a GreenPower provider. 	<p>Manningham's Solar Savers program.</p> <p>Solar Victoria offers solar rebates and no-interest loans for solar and batteries.</p> <p>Federal government discount (STCs) applies for solar and batteries.</p>
Electric heating and cooling 	<ul style="list-style-type: none"> Can be a single unit, many units or whole of house (ducted) Single units are the cheapest to run. 	<ul style="list-style-type: none"> Heats your home in winter and cools it in summer In winter, reverse cycle air conditioning is 3-4 times more efficient than a standard electric heater or a gas heater. 	<ul style="list-style-type: none"> Clean filters regularly In winter, set temperature to 18-20°C In summer, set temperature to 23-25°C Choose a better refrigerant such as R32. 	<p>Manningham's Solar Savers program.</p> <p>Victorian Government Energy Upgrade program offers discounts for heating and cooling.</p>
Electric hot water heat pump 	<ul style="list-style-type: none"> Heat is extracted from the air and transferred into the water storage tank. 	<ul style="list-style-type: none"> 3-5 times more efficient than an electric or gas hot water heater. 	<ul style="list-style-type: none"> Choose a heat pump with a natural refrigerant such as R290 or R744 Look for systems with control options (such as a timer so you can use your solar energy) If your water heater dies, ask for a temporary system. 	<p>Manningham's Solar Savers program.</p> <p>Victorian Government Energy Upgrade program offers discounts for hot water systems.</p> <p>Federal government discount (STCs) applies for hot water.</p>
Electric induction cooktop 	<ul style="list-style-type: none"> An electric cooktop that uses electromagnetism to heat cookware A magnet will stick to compatible cookware (e.g. cast iron and stainless steel). 	<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 and can plug into any wall socket Learn more at Choice or Renew. 	<p>Victorian Government Energy Upgrade program offers discounts for induction cooktops.</p> <p>Borrow a portable induction cooktop from Manningham libraries to try it out.</p>
Electric car or bicycle 	<ul style="list-style-type: none"> 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 cars are cheap to run and need minimal maintenance Can be charged on clean renewable energy Non-polluting and quiet to drive and ride Electric and cargo bikes are a great alternative. 	<ul style="list-style-type: none"> Consider an electric bike before investing in a car Use the Electric Vehicle Council Lifecycle Emissions Calculator Find public charging stations on PlugShare Read Choice's Electric Vehicle Guide 	<p>No rebates available.</p>