

# Go Electric Action Plan

We are here to help. Go to: [darebin.vic.gov.au/go-electric](https://darebin.vic.gov.au/go-electric)



## Electrify Darebin

Be part of the clean energy future by moving your home to all-electric. It doesn't have to happen all at once. Use this plan to prepare so that when appliances need replacing, you're ready to make the switch.

LET'S  
ELECTRIFY  
DAREBIN!

### Other Resources:

- [Guide to Electrifying Your Apartment or Townhouse](#)
- [Sustainability Victoria: Electrify your home | Sustainability Victoria](#)
- [My Efficient Electric Home Facebook group](#)

### STEP 1

Record the age of your gas appliances and petrol/diesel car (check receipts or the appliance nameplate).

### STEP 2

Choose your future electric appliances and vehicle.

### STEP 3

Prioritise the order of replacing your appliances and vehicle.

### Consider:

- **Prioritise the replacement of appliances more than 10 years of age**, to fast track the transition to an all-electric modern home
- **Replace gas heating, cooktop, oven** to improve indoor air quality
- **Install Solar PV** to further reduce your running costs
- **Improve the insulation and gap sealing of your home** to reduce heating and cooling bills
- Use the [Climate Council Calculator](#) to calculate your savings

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

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### National Relay Service [relayservice.gov.au](https://relayservice.gov.au)






If you are deaf, or have a hearing or speech impairment, contact us through the National Relay Service.



### Speak Your Language T 8470 8470

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# Key appliances to consider for an all-electric home

Appliance	Description	Benefits	Tips and resources	Council programs and other rebates
<b>Solar panels and GreenPower</b> 	<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</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 your electricity or GreenPower retailer</li> </ul>	<ul style="list-style-type: none"> <li>Darebin Council Solar Saver <a href="#">program</a> for installation</li> <li><a href="#">Solar Homes</a> Victorian Government solar and battery rebates</li> </ul>
<b>Electric heating</b> 	<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>Reverse cycle air-conditioning systems can heat your home in winter and cool it in summer</li> <li>In winter, they are 3-4 times more efficient than a standard electric or 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> <li>For more information visit <a href="#">Renew</a></li> </ul>	<ul style="list-style-type: none"> <li>Victorian Government <a href="#">Energy Upgrade program</a> has discounts for upgrading your heating and cooling</li> </ul>
<b>Electric heat pump hot water</b> 	<ul style="list-style-type: none"> <li>Heat pump hot water systems work like a reverse cycle air conditioner and are the most efficient way to heat water</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 while waiting for an electric heat pump</li> <li>For more information visit <a href="#">Renew</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Solar Victoria</a> Victorian Government hot water rebate</li> <li>Victorian Government <a href="#">Energy Upgrade program</a> has discounts</li> </ul>
<b>Induction cooktop</b> 	<ul style="list-style-type: none"> <li>If a magnet sticks to your cookware then it is compatible - 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, can plug into any wall, and are a great place to start</li> <li>For more information visit <a href="#">Choice</a> or <a href="#">Renew</a></li> </ul>	<ul style="list-style-type: none"> <li>No rebates currently available</li> </ul>
<b>Electric Car or Bicycle</b> 	<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</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>Consider location and charging speeds for home charging</li> <li>Find public charging stations on <a href="#">PlugShare</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Solar Victoria</a> Victorian Govt Zero Emissions Vehicle subsidy</li> </ul>