

# Your Go Electric Plan

Jewish Climate Network



**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.

**STEP 3** Prioritise the order of replacing any required appliances and/or vehicle.

**TIPS:**

- 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 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

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.






**KEY:**

**(Good), (Better), (Best):**  
Ranking of solution based on quality, efficiency and best for the environment.  
**\$-\$\$\$+:**  
Upfront cost price range.

CURRENT APPLIANCE	AGE OF CURRENT APPLIANCES (YEARS)	GO ELECTRIC BY INSTALLING	WHEN COULD I REPLACE?
Gas heating		Split system reverse cycle air conditioning (Best) \$-\$\$ Ducted Reverse Cycle air conditioning (Best) \$\$\$ Heat pump hydronic heating (Better) \$\$\$+ Electric heater (Good) \$	
Gas hot water		Electric heat pump (Best) \$-\$\$\$ Electric storage (with solar and timer) (Better) \$	
Gas cooktop		Induction stove (Best) \$-\$\$\$ Electric stove (Good) \$-\$\$	
Gas oven		Electric oven \$-\$\$\$	
Petrol / Diesel car		Electric bike \$-\$\$ Electric vehicle \$\$-\$\$\$+	

# Key appliances for an all-electric home



APPLIANCE	DESCRIPTION	BENEFITS	TIPS AND RESOURCES
<p><b>Solar panels and GreenPower</b></p> 	<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>✓ Check your electricity plan to make sure you're getting the best deal</li> <li>✓ Check Greenpeace's Green Electricity Guide when choosing a GreenPower retailer</li> </ul>
<p><b>Reverse Cycle A/C</b></p> 	<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> <li>✓ For more information visit Renew</li> </ul>
<p><b>Hot Water Heat Pump</b></p> 	<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 as 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 Renew</li> </ul>
<p><b>Induction cooktop</b></p> 	<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, can plug into any wall, and are a great place to start</li> <li>✓ For more information visit Choice or Renew</li> </ul>
<p><b>Electric Car or Bicycle</b></p> 	<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 Electric Vehicle Council cost calculator</li> <li>✓ Consider location and charging speeds for home charging</li> <li>✓ Find public charging stations on</li> </ul>

## Other Resources:

[www.jcn.org.au/resources](http://www.jcn.org.au/resources)

'My Efficient Electric Home' Facebook group

<https://renew.org.au/research/limiting-energy-bills-by-getting-off-gas/>

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