

# The future is here. Electrify everything!

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

Electric appliances are healthier, cheaper to run, better for the environment and essential to a comfortable, modern home. Plan ahead so when appliances come to the end of their life, you're ready to make the switch to 100 per cent electric renewable energy on your terms.

Prioritise replacing appliances that are more than 10 years old to fast-track your transition, and use the **Climate Council Calculator** to work out your savings. You can do it all at once, or one step at a time. [bit.ly/3V65kTT](https://bit.ly/3V65kTT)

Current appliance	Age (years)	Go Electric with a...	Priority*	Cost**	When could I replace it?
Gas oven		<input type="checkbox"/> Electric oven	Great	\$-\$\$	
Gas space heating		<input type="checkbox"/> Split system air conditioner	Great	\$-\$\$	
		<input type="checkbox"/> Heat pump hydronic heating	Good	\$\$\$	
		<input type="checkbox"/> Electric heater***	Okay	\$	
Gas hot water		<input type="checkbox"/> Electric heat pump	Great	\$-\$\$\$\$	
		<input type="checkbox"/> Solar electric boost	Good	\$-\$\$\$\$	
Gas cooktop		<input type="checkbox"/> Induction stove	Great	\$-\$\$\$\$	
		<input type="checkbox"/> Electric stove	Good	\$-\$\$	
Petrol or diesel car		<input type="checkbox"/> Electric car	Great	\$\$\$	
		<input type="checkbox"/> Electric bike	Great	\$-\$\$	
Gas swimming pool heating		<input type="checkbox"/> Electric heat pump	Great	\$-\$\$\$\$	
		<input type="checkbox"/> Solar only	Good	\$-\$\$\$\$	

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

\*\*Cost (\$-\$\$\$\$): Upfront cost price range.

\*\*\*While electric heaters may be cheap to buy, they are often expensive to run.






For more resources, including current grants and rebates:

[hume.vic.gov.au/electrify](https://hume.vic.gov.au/electrify)

For Hume Solar Roll-out information:

[humesolarprogram.org.au](https://humesolarprogram.org.au)



Appliance	Description	Benefits	Tips	Programs/rebates
<b>Reverse cycle air conditioner</b> 	<p>Can be single unit, many units or whole of house (ducted).</p> <p>Single units are the cheapest to run.</p>	<ul style="list-style-type: none"> <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>	<p>In winter, set thermostat to operate between 18-20°C.</p> <p>In summer, set thermostat to operate between 23-25°C.</p> <p>Clean filters every six months.  <a href="https://bit.ly/3mHBc4h">bit.ly/3mHBc4h</a></p>	<p>Victorian Government Energy Upgrade program heating and cooling discounts  <a href="https://bit.ly/41Um4zk">bit.ly/41Um4zk</a></p>
<b>Electric heat pump hot water</b> 	<p>Heat is absorbed from the air outside and transferred to the water in the tank.</p>	<ul style="list-style-type: none"> <li>3-5 times more efficient than an electric/gas hot water heater.</li> </ul>	<p>Consider installing a well-known brand.</p> <p>Choose a heat pump with a 'natural refrigerant' like carbon dioxide that will result in lower greenhouse emissions.</p>	<p>Victorian Government Solar Victoria hot water rebate  <a href="https://bit.ly/3GUbwZ9">bit.ly/3GUbwZ9</a></p> <p>Victorian Government Energy Upgrade program hot water system discounts  <a href="https://bit.ly/3GY6zOX">bit.ly/3GY6zOX</a></p>
<b>Induction cooktop</b> 	<p>Generates heat directly in the pot or pan by using magnets.</p> <p>Requires cookware e.g. stainless steel or cast iron. If a magnet sticks to your cookware then it is compatible.</p>	<ul style="list-style-type: none"> <li>Fast and efficient.</li> <li>Improved air quality.</li> <li>Cooler kitchen.</li> <li>Easy to clean</li> </ul>	<p>Needs a separate electrical circuit for installation.</p> <p>Try a portable induction cooktop first.</p> <p>For more information visit Renew:  <a href="https://bit.ly/43IOiia">bit.ly/43IOiia</a></p> <p>Cooking tips from an independent chef  <a href="https://bit.ly/43lv0K4">bit.ly/43lv0K4</a></p>	<p>No rebates currently available.</p>
<b>Electric car or bicycle</b> 	<p>Electric cars run on electricity rather than petrol or diesel.</p> <p>Plug-in hybrid electric vehicles run on both electricity and petrol.</p>	<ul style="list-style-type: none"> <li>Electric cars are quiet, non-polluting, cheap to run and need very little maintenance</li> <li>Can be charged on clean renewable energy</li> <li>Electric and cargo bikes are a great alternative to using a car</li> </ul>	<p>Use the Electric Vehicle Council cost calculator  <a href="https://bit.ly/3KUVHCN">bit.ly/3KUVHCN</a></p> <p>Consider location and charging speeds for home charging</p> <p>Find public charging stations on PlugShare  <a href="https://plugshare.com">plugshare.com</a></p>	<p>No rebates currently available.</p>
<b>Solar panels and GreenPower</b> 	<p>Solar panels convert sunlight into free electricity for use in your home.</p> <p>Any excess electricity goes back to the electricity grid or used to charge a battery.</p>	<ul style="list-style-type: none"> <li>Power your home with renewable energy</li> <li>Solar can make your electric appliances free to run when the sun is shining</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>	<p>Run your electric appliances during the day to maximise savings</p> <p>Check your electricity plan to make sure you're getting the best deal  <a href="https://compare.energy.vic.gov.au">compare.energy.vic.gov.au</a>  <a href="https://greenpower.gov.au">greenpower.gov.au</a></p>	<p>Victorian Government Solar Victoria solar rebates  <a href="https://bit.ly/42b6boD">bit.ly/42b6boD</a></p> <p>Hume Solar Roll-out for Hume residents.  <a href="https://humesolarprogram.org.au">humesolarprogram.org.au</a></p>