

# APPENDIX

## Kooyong Climate Scorecard – Candidates’ Policies

23 April 2022

This Appendix contains verbatim extracts from parties’ policies which are relevant to the seven scorecard scoring categories. Omissions within a sentence are marked by ellipses (‘...’), but are usually not noted between paragraphs or in lists; explanatory additions are in square brackets. Candidates are in alphabetical order.

### 1. Recognises the climate emergency

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<p><a href="#">Climate and Environment</a> (webpage): Regardless of where you sit with climate change – we could all be doing more and better support the countries within our region to do so as well.</p> <p>The AVP Policy approach will focus to off-set emissions and improve practices to achieve a scalable sustainable climate strategy that also safeguards our future generation with the capabilities and conditions they need to thrive. Our focus must be expanded to facilitate greater pollution reduction (not just carbon) including capture and conversion initiatives through the close integration of this policy with our Energy innovations and continued expansion through collaboration, not competition, within this.</p> <p>This policy will also have close integration within the Defence and Foreign Affairs Policies to achieve greater protection of Australia’s maritime zone - to optimise the exponential benefits our oceans and marine systems provide for carbon reduction and global sustainment ... The AVP will also work to focus on and expand sustainable initiatives within our region ... This will be developed into an actionable and accountable strategic plan, under constant review and innovation, that will set the conditions for our national excellence within a global ecosystem.</p>
Josh Coyne One Nation	<p><a href="#">Climate Change</a> (webpage)</p> <p>Scientists predicted global warming would lead to extremes of weather, which would be more intense and more frequent, but despite media reports extreme weather events were more common prior to 1960 than at any time since ... If there is global warming, then we say it should be reflected in a large number of places in different climate zones but in Australia that appears not to be the case ... It is clear to us that climate research needs to continue, but after thirty years of work by the IPCC there is insufficient evidence of global warming of the kind claimed by the IPCC and there is insufficient evidence of the climate catastrophes predicted ... We are the only political party to question climate science ... Are humans changing the earth’s climate? We say there is insufficient evidence and that more research needs to be done before we commit economic suicide in Australia. Carbon dioxide is taken in by plants and with water and sunshine, in the process known as photosynthesis, creates the carbohydrates and water needed by us. We want a clean environment and do not want pollutants added to our water or the air, but carbon dioxide is necessary for life on earth.</p>

<b>Candidate</b>	<b>Extracts from policies</b>
Michele Dale Derryn Hinch	<a href="#">Policies – What We Stand For</a> (webpage): No reference to climate change.
Josh Frydenberg Liberal	<a href="#">Protecting Our Environment</a> (webpage, dated Sep 2021): No reference to the climate emergency, and no statement about the need for urgent action.  <a href="#">The Plan to Deliver Net Zero The Australian Way</a> page 3: Australia’s story so far is one of quiet achievement .... Our plan will maintain this momentum.  In Federal Parliament: <ul style="list-style-type: none"> <li>• Opposed <a href="#">moving of CE declaration</a> (by Greens) in the House 2/12/2020</li> <li>• Opposed <a href="#">moving of CE declaration</a> (by Greens) in the Senate 2/12/2020</li> </ul>
Scott Hardiman UAP	<a href="#">National Policy</a> No reference to climate change.
Peter Lynch ALP	<a href="#">ALP National Platform 2021</a> page 137: This Conference recognises that: <ul style="list-style-type: none"> <li>• Three years ago, Labor committed to recognising a climate emergency. It is a commitment that we still hold. Action on climate change is a Labor value;</li> <li>• In that three years, action on climate change has only become more urgent after years of Coalition neglect, inaction and denial; and</li> <li>• Climate change poses an existential threat to our people, our environment, our jobs and our way of life.</li> </ul> Accordingly, Conference resolves that Labor takes an emergency footing in tackling climate change, adopting renewable energy at a rapid pace in order to address the existential threat of the climate emergency and to reach Australia’s potential as a renewables superpower.  <a href="#">Powering Australia</a> (Executive Summary): The world’s climate emergency could be our jobs and investment opportunity, but only when Australia is led by a Labor Government with the vision and plans to ensure we seize this moment.  In Federal Parliament: <ul style="list-style-type: none"> <li>• Supported <a href="#">moving of CE declaration</a> (by Greens) in the House 2/12/2020</li> <li>• Opposed <a href="#">moving of CE declaration</a> (by Greens) in the Senate 2/12/2020</li> </ul>
Piers Mitchem Greens	<a href="#">Tackling the Climate Crisis</a> (webpage): We are in a climate emergency. It threatens the safety of people, our health, water, ability to grow food, and the air we breathe. The stakes couldn’t be higher.  If we continue to mine and burn coal, oil and gas, we’ll experience further economic losses, food, insurance and health costs will go up, and we’ll pay much higher energy bills. Over a million jobs in industries including tourism and farming are at risk.  The climate crisis is caused by mining and burning coal & gas. It’s simple, if you don’t have a plan to phase out coal & gas, you don’t have a plan for the climate crisis.

Candidate	Extracts from policies
	<p>Right now, the urgent action we need is being delayed because the Liberals and Labor take millions in donations from big coal &amp; gas corporations and the billionaires who own them. In return those corporations get special treatment. Many of the biggest coal &amp; gas corporations pay no tax and send their profit offshore tax free.</p> <p>The Greens can get on with taking climate action, because we don't take donations from coal &amp; gas corporations.</p> <p><a href="#">Fight for the Future</a> (page 15): We are in a climate emergency that threatens to catastrophically overwhelm our society and economy.</p> <p>Policy principles: <a href="#">Climate Change and Energy Policy</a> (webpage, dated August 2020): The Australian Greens believe that:</p> <ul style="list-style-type: none"> <li>• The impacts of the human-induced climate crisis pose an existential threat to ecosystems, biodiversity and human societies.</li> <li>• It is the duty of every government and organisation to take substantive action to solve the climate crisis.</li> <li>• Urgent, equitable and sustained local, national and global action is required to avoid climate catastrophe.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• Introduced <a href="#">Climate Emergency Declaration Bill 2020</a> in the House 2/03/2020 (removed from Notice Paper 1/12/2020)</li> <li>• Sought leave to <a href="#">move a motion to declare a CE</a> in the House 2/12/2020 (not granted)</li> <li>• Sought leave to <a href="#">move a motion to declare a CE</a> in the Senate 2/12/2020 (not granted)</li> </ul>
Rachael Nehmer Animal Justice	<p><a href="#">Climate Change Policy</a> (webpage &amp; policy sheet): We are rapidly changing the climate. It isn't only getting warmer but less predictable. This is nothing short of a global emergency requiring immediate and substantial action. We must slow, stop and reverse the negative changes to the climate before 'tipping points' kick in to accelerate and take the process beyond our control.</p> <p><a href="#">A Better World for Animals People Planet</a> (Federal Election Platform) page 36: DECLARE A CLIMATE EMERGENCY The climate crisis is here. Australia is already growing warmer, experiencing changes in rainfall, catastrophic bushfires, record flooding and witnessing rising sea levels. The devastating bushfires of 2019-20 placed our wildlife on a fast-track to extinction, with nearly three billion animals perishing. Fossil fuels, including coal, are the most talked about emitters of greenhouse gases. However, deforestation and animal agriculture are lesser known major contributors. It's time for Australia to move away from these destructive industries. One way to unify the nation's goal in tackling the climate crisis is by declaring a national climate emergency. The Animal Justice Party will work for this declaration.</p>
Monique Ryan Independent	<p><a href="#">About Monique</a> (webpage) ... I have become increasingly concerned over the years about the effects of climate change and our government's inactivity on this front. More recently I was driven to action by frustration at our appalling display at COP26 ... I'm running for Kooyong because I'm worried that my children might not have the opportunities I've had, because our environment and economy might be blighted by the effect of man-made climate change. I can no longer look away from the incipient disaster of rising sea levels, warming of the land and loss of our flora and fauna.</p>

<b>Candidate</b>	<b>Extracts from policies</b>
	<p>This government has had close to a decade to respond to the climate emergency and do what the Kooyong community wants – take real and immediate action on climate change for the sake of our children, our continent and the globe. If they won't do that, then it's time for others to step up and act where they won't. I think people feel helpless around the issue of climate change. We need to remember that we do have a voice; we have a vote. It is time for each of us to make our votes count on the issues and values that matter to us.</p> <p><a href="#">Policy Priorities</a> (webpage)  Action on climate change:  Now is the time for climate action. By taking advantage of Australia's abundant renewable energy resources, we'll create a bright future.</p> <p><a href="#">Frequently Asked Questions</a> (webpage)  What is a climate emergency?  Not long ago, it may have been controversial to acknowledge that we are experiencing a climate emergency. After the fires of 2019 and floods of early 2022 – both part of a string of 'unprecedented' disasters – the dire and prescient warnings from emergency leaders, the Bureau of Meteorology and the Intergovernmental Panel on Climate Change, it is clearly irresponsible to deny that Australia is facing a climate emergency.</p> <p>While some still cannot face up to the seriousness of this issue, or acknowledge that we haven't yet got the settings right, I believe we cannot plan a responsible path until we honestly face up to the reality.</p> <p>I'm proud to live in the City of Boroondara, which recognised a climate emergency in September 2021. Since then, the council has been responsibly planning for our shared future.</p>
Alexandra Thom Liberal Democrat	<p><a href="#">Cheap &amp; Reliable Energy</a> (webpage)  High electricity prices not only increase the basic cost of living for households, they also increase costs for businesses and stifle economic growth. The major causes of these runaway prices are clear – overregulation, climate alarmist ideology, irrational prohibition of some energy sources and low business confidence in investment as a result. These problems seem set to get even worse with new “net-zero emissions” targets and associated regulations.</p>

## 2. Ambitious 2030 emissions reduction target

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<a href="#">Climate and Environment</a> (webpage): The AVP Policy approach will focus to off-set emissions and improve practices to achieve a scalable sustainable climate strategy that also safeguards our future generation with the capabilities and conditions they need to thrive.
Josh Coyne One Nation	<a href="#">Climate Change</a> (webpage) One Nation believes Australia should withdraw from the Paris Agreement signed in 2016. Australia has committed to the deepest and most savage carbon emission cuts in the world, on a per person basis. This commitment is predicted to slow the Australian economy with massive job losses starting in 2020. In our view, this economic suicide[1] cannot be justified on the evidence put forward by the United Nations Intergovernmental Panel on Climate Change (IPCC).
Michele Dale Derryn Hinch	<a href="#">Policies – What We Stand For</a> (webpage): No reference to emissions targets.
Josh Frydenberg Liberal	<a href="#">The Plan to Deliver Net Zero The Australian Way</a> (page 3): Australia is on track to reduce emissions by up to 35 per cent by 2030, well above our target of 26-28 per cent.
Scott Hardiman UAP	<a href="#">National Policy</a> No emissions targets specified.
Peter Lynch ALP	<a href="#">Powering Australia</a> (page 47): Labor will: <ul style="list-style-type: none"> <li>Update Australia’s Nationally Determined Contribution (NDC), to include a target of 43% by 2030 off 2005 levels.</li> </ul>
Piers Mitchem Greens	<a href="#">Climate Emergency Campaign</a> (webpage): We must phase out coal and gas by 2030 ... Drastically cutting emissions by 2030 is possible with the technology we have today, so let’s get it done.  Policy principles: <a href="#">Climate Change and Energy Policy</a> (webpage, dated August 2020): The Australian Greens want: Net zero or net negative Australian greenhouse gas emissions by 2035 or sooner.  <a href="#">2030 Targets Now</a> campaign (webpage, October 2021): We’re calling on Scott Morrison to put in place a formal legislated plan to reduce Australia’s emissions by 75% by 2030 and phase out coal and gas.
Rachael Nehmer Animal Justice	<a href="#">A Better World for Animals People Planet</a> (Federal Election Platform) page 36: The Animal Justice Party will fight to sign Australia up to the 30% methane emissions reduction by 2030 target, as over 100 other countries have done, and commit to net-zero emissions by 2035.

<b>Candidate</b>	<b>Extracts from policies</b>
Monique Ryan Independent	<a href="#">Policy Priorities</a> (webpage) My priorities are to: <ul style="list-style-type: none"> <li>• Reduce emissions by at least 60% by 2030, in line with Zali Steggall’s Climate Change Bill</li> </ul>
Alexandra Thom Liberal Democrat	<a href="#">Cheap &amp; Reliable Energy</a> (webpage) No net-zero emissions target. This target is an absurd extension of climate alarmist ideology that will have grave effects on living standards for all Australians if it is pursued.

### 3. Rapid move to 100% renewable energy

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<p data-bbox="331 398 544 427"><a href="#">Energy</a> (website):</p> <p data-bbox="331 434 1430 640">Reliable energy sources are fundamental to our nation’s ability to maintain and grow our economy. We need to harness all available capabilities and technologies and ensure stable, diverse and cheaper energy for all Australians long into the future. This policy must be driven by the current and future needs of Australia, and consider all available technologies. We must also seek to expand our hydroelectric capabilities within a greater national water security and infrastructure focus.</p> <p data-bbox="331 685 1445 999">AVP will conduct an in-depth analysis and review of all available energy sources, systems and stockpiles within the first 90 days of office. Greater transparency is required on the complete environmental, economic and social considerations to provide factual baselines from which practical and pragmatic actions can be tailored and measured for decisions. Capabilities must be expanded to facilitate greater sovereign autonomy and reliability, while offset through parallel pollution reduction and conversion initiatives through the Climate Policy integration. This must be developed into an actionable and accountable strategic plan that will set the conditions for our national excellence within a global ecosystem, without compromising our developing potential or capabilities.</p> <p data-bbox="331 1043 1445 1140">Our National energy policy must detail the extensive Whole of Government requirements to achieve efficiency and effectiveness in all departments with a combined purpose and focus towards reliable and sustainable outcomes with surge and safeguard contingencies.</p>
Josh Coyne One Nation	<p data-bbox="331 1182 655 1211"><a href="#">Climate Change</a> (webpage)</p> <p data-bbox="331 1218 1445 1314">One Nation supports the use of renewable energy sources for the National Electricity grid when it makes sense to do so, but we do not support taxpayer subsidies for renewable sources of energy because renewable sources cannot provide the base load power we need.</p> <p data-bbox="331 1321 903 1350"><a href="#">Affordable Energy and Cost of Living</a> (webpage)</p> <p data-bbox="331 1357 1430 1498">One Nation will implement low cost, reliable, dispatchable power by building new low-emission coal-fired power stations. We will restore Australia’s essential 90-day fuel security policy and commit to reducing cost of living expenses while ensuring manufacturers have a globally competitive power source.</p>
Michele Dale Derryn Hinch	<p data-bbox="331 1541 831 1570"><a href="#">Policies – What We Stand For</a> (webpage):</p> <p data-bbox="331 1576 879 1606">No reference to the transition to renewables.</p>
Josh Frydenberg Liberal	<p data-bbox="331 1686 1102 1715"><a href="#">Australia’s Long-Term Emissions Reduction Plan</a> (Chapters 2 &amp; 3)</p> <p data-bbox="331 1722 1406 1787">Australia has identified and prioritised low emissions technologies that will open net zero pathways for our economic sectors.</p> <p data-bbox="331 1832 1390 1966">The technologies prioritised through Australia’s Technology Investment Roadmap can contribute and enable around half the emissions reductions needed to achieve net zero. They are clean hydrogen, ultra low-cost solar, energy storage, low emissions steel and aluminium, carbon capture and storage, and soil carbon.</p> <p data-bbox="331 2011 1437 2040">By investing in research, development and demonstration, the Plan will drive down the cost</p>

<b>Candidate</b>	<b>Extracts from policies</b>
	<p>of these key technologies and achieve their economic stretch goals, unlocking their use across the economy. The Technology Investment Roadmap is the cornerstone of this approach.</p> <p>The roadmap is expected to guide at least \$20 billion of Australian Government investment in low emissions technologies over the decade to 2030. National agencies including ARENA, the CEFC and the Clean Energy Regulator, as well as other targeted programs and initiatives, have been aligned with the roadmap and are investing in priority technologies.</p> <p>Ultra low-cost solar Stretch goal: solar electricity generation at \$15 per megawatt hour (MWh). Modelling for the Plan shows that, if we can realise these cost reductions, solar could become the single largest source of Australia’s electricity generation by 2050 (over 50% of total generation). Unlocking ultra low-cost solar is therefore crucial for Australia’s electricity system to achieve near zero emissions.</p> <p>Energy storage Stretch goal: electricity from storage for firming under \$100 per MWh. Analysis for the Plan found that low-cost storage could enable a step change in the share of variable renewable generation, unlocking new opportunities for energy intensive exports. The Government is supporting emerging battery technologies through ARENA, the CEFC and other programs</p> <p>Achieving net zero by 2050 emissions will require low emissions technology to be deployed at scale across all sectors of the economy. As well as making these technologies cheaper, the Australian Government is tackling the challenges that may otherwise slow technology deployment across the economy.</p> <p>A key principle of this Plan is that technology deployment will be led by the private sector. The Government will help by clearing the path, removing barriers and pulling policy and other levers that can enable technology adoption to occur at the necessary scale.</p> <p>Our modelling describes one scenario for how Australia’s electricity sector could decarbonise. Under this scenario, declining technology costs enable the sector to achieve near zero emissions, with variable renewable energy providing more than 85% of total generation. Our modelling forecasts there will still be some coal and a significant proportion of gas in the electricity grid in 2050.</p> <p>The Australian Government is making major strategic infrastructure investments to enable ongoing renewables deployment. This includes our \$1.38 billion investment in Snowy 2.0, which will add 2000 MW of dispatchable generation to the National Electricity Market. Investments in transmission, interconnector and storage projects such as the MarinusLink interconnector, Project EnergyConnect interconnector and Tasmania’s Battery of the Nation will provide vital support to the grid and connect new firm capacity. The Australian Government has supported or underwritten investment in more than \$2.6 billion of new transmission.</p> <p>The Government is also making strategic investments in new dispatchable generation, including through the Underwriting New Generation Investment Program and its investment through Snowy Hydro Limited to construct a 660 MW open cycle gas turbine in NSW. The Government has committed \$24.9 million in funding to support new gas generators to be hydrogen-ready.</p>



Candidate	Extracts from policies
	<p>A current priority for governments is delivering a long term, fit-for-purpose post-2025 market design for the National Electricity Market. Advised by the Energy Security Board (ESB), governments are reforming systems, tools, and regulations so they can meet long-term consumer interests in this key market. The ESB’s work is also seeking to deliver new market-based arrangements (where possible) to value the essential system services needed to support the changing mix of generation resources in the National Electricity Market. Australia is also putting in place regulatory and institutional arrangements so new technologies can be deployed and integrated into our energy systems. For example, Australia is developing a regulatory framework for offshore energy technologies and infrastructure.</p> <p>The forthcoming LETS 2021 [Low Emissions Technology Statement] will recognise that ‘digital grid’ technologies will be fundamental to a low emissions economy, and ARENA has contributed \$2.23 million to support AEMO’s [Australian Energy Market Operator] work in this area.</p> <p>See also:  <a href="#">Low Emissions Technology Statement 2021</a></p> <p><a href="#">The Plan to Deliver Net Zero The Australian Way</a> page 3:  Electricity sector emissions are projected to fall by 90 per cent from 2005 levels under our plan [to deliver net zero by 2050], largely enabled by the falling price of energy storage to maintain affordable and reliable power.</p> <p><a href="#">Protecting Our Environment</a> (webpage):  RENEWABLE ENERGY INVESTMENT  Australia’s investment in renewable energy continues to break records with renewables now making up almost one third of our energy mix. Australia has the world’s highest uptake of rooftop solar, with one in four homes with rooftop solar panels.</p> <p>Across Governments and the private sector over \$40 billion has been invested in renewable energy in Australia since 2017. In 2020 alone, Australia deployed more renewable energy than in the six years of the previous Labor government.</p> <p>The Morrison Government is investing in big projects including Snowy 2.0 (one of the largest pumped hydro projects in the southern hemisphere) and Tasmania’s Battery of the Nation pumped-hydro.</p> <p>The Coalition Government’s green bank has just hit its \$10 billion investment milestone, supporting more than 23,500 emission reduction and energy efficiency projects across Australia.</p> <p>We are also making carefully considered and targeted investments in transmission projects to support new renewables coming online - including investing a further \$84 million in microgrids for remote communities.</p>
Scott Hardiman UAP	<a href="#">National Policy</a> End Australia’s Energy Crisis Australia has the world’s largest deposits of uranium, however while we export uranium to other nations for them to take advantage of, we ban its use in Australia for electricity generation. The government should be proactive in establishing research into new nuclear technology to help solve Australia’s energy problems.

<b>Candidate</b>	<b>Extracts from policies</b>
Peter Lynch ALP	<p data-bbox="331 185 858 219"><a href="#">ALP National Platform 2021</a> (pages 40 – 41)</p> <ul data-bbox="331 226 1444 831" style="list-style-type: none"> <li data-bbox="331 226 1366 293">• Labor will modernise Australia’s energy system and develop a framework that will ensure reliable, affordable and clean energy for families and businesses</li> <li data-bbox="331 300 1444 367">• We recognise renewable energy as being central to our economic future and will ensure all Australians have equal access to the benefits of energy efficiency and clean energy</li> <li data-bbox="331 374 1444 472">• Working with industry, workers and states, Labor will ensure access to affordable gas to support Australian households, power generation and industry, including through measures designed to ensure Australia’s energy security</li> <li data-bbox="331 479 1444 577">• Labor recognises and supports the critical role that gas plays in the Australian economy. Labor recognises that gas has an important role to play in achieving Labor’s target of net zero emissions by 2050</li> <li data-bbox="331 584 1444 728">• Labor will work with state and territory governments, industry and unions on a strategic national approach to the future development of our energy system, including transmission and distribution planning and investment and supporting the development of Renewable Energy Zones</li> <li data-bbox="331 734 1444 831">• Labor will support the development of new low pollution forms of energy, including traditional and new renewable energy, clean hydrogen, bioenergy, as well as supporting industrial and research capacity</li> </ul> <p data-bbox="331 875 711 909"><a href="#">Powering Australia</a> (pages 4-5):</p> <p data-bbox="331 916 1366 983">It [Powering Australia] will increase the share of renewables in the National Electricity Market to 82% by 2030.</p> <p data-bbox="331 1016 619 1050">Powering Australia will:</p> <ul data-bbox="331 1057 1422 1480" style="list-style-type: none"> <li data-bbox="331 1057 1402 1155">• Invest \$20 billion for the urgent upgrade of the electricity grid so it can handle more renewable power, working with the private sector to create thousands of jobs across the regions and deliver cheaper, more reliable electricity to homes and businesses.</li> <li data-bbox="331 1162 1398 1261">• Co-invest \$100 million for 85 solar banks across the country – providing cheaper electricity for more than 25,000 households that are locked out of rooftop solar, like renters and low-income households.</li> <li data-bbox="331 1267 1422 1366">• Install 400 community batteries across the country with an investment of \$200 million to maximise the benefits of Australia’s rooftop solar transformation, support the grid and provide shared storage for up to 100,000 households.</li> <li data-bbox="331 1373 1390 1480">• Reduce the Australian Public Service’s own emissions to net zero by 2030, with the Australian Defence Force and other national security agencies exempted given their unique operational needs.</li> </ul> <p data-bbox="331 1525 1444 1592"><a href="#">The Economic Impact of the ALP’s Powering Australia Plan</a>, Reputex Energy, December 2021 (page 12)</p> <ul data-bbox="331 1599 1444 1843" style="list-style-type: none"> <li data-bbox="331 1599 1390 1666">• The ALP proposes to develop a Rewiring the Nation Corporation (RNC) to invest \$20 billion toward the modernisation of the electricity grid</li> <li data-bbox="331 1673 1318 1740">• This is projected to support new Renewable Energy Zone development ... with renewable energy generation capacity projected to grow 26 GW by 2030</li> <li data-bbox="331 1747 1444 1843">• This is calculated to increase overall renewable penetration to 82% of all NEM [National Electricity Market] generation, up from 68% under the modelled Reference Case [Business-as-usual, equivalent to Commonwealth 2021 emissions projections]</li> </ul>
Piers Mitchem Greens	<p data-bbox="331 1888 791 1921"><a href="#">Tackling the Climate Crisis</a> (webpage):</p> <p data-bbox="331 1928 1418 2027">The mining and burning of coal and gas is a key reason we now face a climate crisis. In this critical decade for climate action, we need to keep coal and gas in the ground, and rapidly shift to renewable energy.</p>

Candidate	Extracts from policies
	<p>The Greens plan includes:</p> <ul style="list-style-type: none"> <li>• Immediately ban the construction of new coal, oil and gas infrastructure, ensuring we can transition our economy to zero carbon energy while maintaining a safe climate</li> <li>• Phase out the mining, burning and export of thermal coal by 2030 to ensure we do our bit, so the world does not go over the 1.5 degree climate cliff</li> </ul> <p>Big coal and gas corporations have made electricity too dirty and too expensive - and they're fighting the green energy revolution so they can keep making profits on their dirty clunkers. We should be generating power for the good of the country, not for private profits.</p> <p>The Greens plan includes:</p> <ul style="list-style-type: none"> <li>• Large-scale public investment in renewable energy and storage, to replace every coal-fired power plant in the country by 2030, ensuring we deal with the climate emergency in time.</li> <li>• Upgrading the electricity transmission and distribution grid, integrating more wind and solar energy while ensuring we keep the lights on</li> <li>• The creation of a publicly owned non-profit power retailer, to push power prices down and end price gouging by the big energy companies</li> </ul> <p>Renewables are the cheapest form of power - and green electricity will be the energy source of the future, both at home and your work.</p> <p>Methane gas is more expensive than renewables, almost 100 times worse for the climate than carbon dioxide when leaked, and is responsible for up to 12% of the burden of childhood asthma.</p> <p>The Greens plan includes:</p> <ul style="list-style-type: none"> <li>• Financial support to households and small businesses to get off gas and move to electric alternatives, that are better for our health and the environment</li> <li>• Financial support to get more households installing batteries to maximise their use of renewables such as solar power</li> <li>• Create a non-profit publicly owned retailer to push down power bills and increase take-up of green energy</li> </ul> <p><a href="#">Fight for the Future</a> (pages 15 &amp; 21):  700% renewable energy. Over the next decade, we need to rapidly transition our power grid to wind and solar backed by storage .... 700% renewables means not just 100% renewable electricity as we replace coal and gas power stations, but switching transport and industry to clean energy too, as well as becoming a renewables superpower, exporting our renewable energy to the rest of the world through renewable hydrogen, solar electricity and green metals.</p> <p>To unlock this revolution, the government will need to lead the way with public investment in renewable generation, storage and transforming the power grid.  ... with the Greens in shared power we will be able to set a goal of 700% renewable energy and have a government led clean energy revolution over the next decade to fight the climate emergency.</p> <p>The Greens will push for key investments including:</p> <ul style="list-style-type: none"> <li>• a \$20 billion publicly-owned Grid Transformation Fund to lay the basis for a shift to 700% renewable energy</li> </ul>

Candidate	Extracts from policies
	<p data-bbox="336 188 1286 221"><a href="#">Cheaper, Cleaner Power for Homes and Businesses</a> (Policy Initiative, pages 2– 3)</p> <p data-bbox="336 226 975 259"><b>GETTING HOMES AND SMALL BUSINESS OFF THE GAS</b></p> <p data-bbox="336 264 1430 539">... The Greens will provide a series of grants and loans to households and small businesses to help them kick gas to the curb. For households, we will offer a grant of up to \$10,000 (\$25,000 for small businesses) and low interest loans of up to \$20,000 (\$100,000 for small businesses) in order to replace gas-fired boilers, water heaters and cooktops with electric alternatives. The grant component is limited to 20% of the total cost of the replacement project, but can be increased to 50% for a household if it agrees to disconnect from the gas grid entirely within six months. The Greens will also work with state and territory governments to ban gas connections for new housing developments.</p> <p data-bbox="336 580 660 613"><b>LAUNCH A BATTERY BOOM</b></p> <p data-bbox="336 618 1430 824">... The Greens will make batteries more affordable for homes and businesses by subsidising each battery by up to \$5,000 for households (\$10,000 for small businesses), and providing up to \$10,000 further in low interest loans (\$50,000 for small businesses), with the grant itself having a maximum value of 50% of the total cost of the installation. With subsidies of this scale in place, a battery can then become a profitable investment for millions of households and businesses ...</p> <p data-bbox="336 864 612 898"><b>CHEAPER POWER BILLS</b></p> <p data-bbox="336 902 1442 1249">... for too long the big power companies have exploited their customers, relying on the complexity of the electricity market and limited competition to make massive profits from their retail divisions. As part of our vision for a transformed Snowy Hydro, the Greens will retool the retail division of Snowy to create Power Australia, a 100% publicly owned non-profit electricity retail corporation. Power Australia will offer all Australian businesses at-cost electricity, without the profit seeking and wasted resources in marketing costs of the big retailers. And while no one will be forced to contract with Power Australia, the fact that any household or business can move to the cheaper non-profit Power Australia plan, will pressure the other big retailers to either demonstrate value to their customers or make cuts to their own costs too.</p> <p data-bbox="336 1290 1331 1323">Policy principles: <a href="#">Climate Change and Energy Policy</a> (webpage, dated August 2020):</p> <ul data-bbox="336 1328 1414 1686" style="list-style-type: none"> <li>• Australia needs urgently to phase out fossil fuels for export and domestic use</li> <li>• Australia has the capacity to ensure that all of our energy needs can be provided by renewable sources</li> <li>• Energy prices should reflect the environmental, social, health and other external costs of its production and use</li> <li>• The refurbishment of existing coal fired power stations, except for transitions to renewable energy, undermines the effort to increase end-use energy efficiency, demand management and renewable energy</li> <li>• All energy infrastructure must be regulated by government, and large scale energy infrastructure and networks should be in public or community ownership</li> </ul> <p data-bbox="336 1691 676 1724">The Australian Greens want:</p> <ul data-bbox="336 1729 1414 2047" style="list-style-type: none"> <li>• A just transition to a net negative greenhouse gas economy through a range of mechanisms including a plan to replace fossil fuels with renewable energy through strong regulatory intervention and a strong effective price on carbon</li> <li>• Subsidies to the fossil fuel sector to be removed, and investment in relevant climate change mitigation sectors should be increased</li> <li>• A government-supported shift to 100% renewables</li> <li>• Construction of a comprehensive system of storage and transmission to achieve 100% renewable energy</li> <li>• 100% of electricity used in Australia to come from renewable sources as soon as</li> </ul>

Candidate	Extracts from policies
	<p>possible, by increasing the renewable energy target (RET) as well as measures such as public investment, feed-in tariffs and regulations to support a range of renewable energy generation, storage, transmission networks, efficiency, and export technologies</p> <ul style="list-style-type: none"> <li>• Reform of energy markets to remove the bias toward centralised fossil fuel-based generation, encourage demand management and the development of distributed generation, storage and transmission of renewable energy</li> <li>• Improved regulations, monitoring and compliance for all existing gas operations, particularly in relation to methane emissions, impact on water resources, agricultural land and biodiversity</li> <li>• No new coal-fired power stations, gas mines or oil wells, and no expansions to any existing coal- or gas-fired power stations or mines, plus the development of programs to assist fossil fuel-dependent communities to make the transition to other more sustainable sources of economic prosperity</li> <li>• Coal fired power stations should be decommissioned</li> </ul>
<p>Rachael Nehmer Animal Justice</p>	<p><a href="#">Information Sheet Climate Change</a></p> <p>Key Objectives:</p> <ul style="list-style-type: none"> <li>• To prohibit any fossil fuel expansion and rapidly transform to a carbon-free energy infrastructure.</li> <li>• Implement a carbon tax on both the fossil fuel and animal agriculture industries.</li> <li>• Direct carbon tax income into clean energy solutions, sustainable plant-based food agriculture systems and education.</li> </ul> <p><a href="#">Energy Policy</a> (webpage):</p> <p>The AJP Climate Change policy supports any clean energy source because the consequences to all animals of further climate destabilisation will be dire ... But not all clean energy sources are equal in their animal impacts. Further research is required into viable and sustainable options.</p> <p>Key Objectives</p> <ol style="list-style-type: none"> <li>1. Including the impact on animals and the environment in the selection criteria for all energy sources.</li> <li>2. Rapidly transition to a carbon free energy infrastructure, using known clean technologies in the most ecologically and animal friendly mix. Rapidly in this case means 15 to 20 years.</li> <li>3. Investing in development of new clean animal friendly energy technologies.</li> <li>4. Implementing a climate tax on both the fossil fuels and animal agriculture industries, using the principle that the polluter pays.</li> </ol> <p><a href="#">Natural Gas Policy</a> (webpage):</p> <p>Fossil fuels, including natural gas, will not be part of any final clean energy solution to climate change. It makes no sense to transition to natural gas, only to have to replace it with something better in the near future. As a technology, even carbon capture and storage (CCS) attached to gas power plants is unlikely (see IPCC Assessment Report 5, WG3, Chapter 7, page 539, Table 7.6) to be clean enough for use in any solution.</p> <p>Key Objectives</p> <ol style="list-style-type: none"> <li>1. AJP recommends that there should be no expansion of natural gas use, whether from coal seam or other sources.</li> <li>2. AJP recommends that current natural gas use be rapidly phased out in favour of clean energy technologies. Rapidly, in this case means 15 to 20 years.</li> </ol> <p><a href="#">A Better World for Animals People Planet</a> (Federal Election Platform) page 36:</p> <p>The Animal Justice Party will reduce Australia’s climate and ecological impact by rapidly phasing out fossil fuels and animal agriculture.</p> <p>... the Animal Justice Party will fight for a commitment to system-wide change from the</p>

<b>Candidate</b>	<b>Extracts from policies</b>
	<p>government. We will introduce legislation to remove subsidies on industries that damage our climate, not only animal agriculture, but also coal and gas. Instead, we seek to invest our nation’s wealth in sustainable food systems and clean energy solutions. It is time for wealthy interests to stop funding industries that only drive the climate crisis. The Animal Justice Party will stand up for our planet.</p>
<p>Monique Ryan Independent</p>	<p><a href="#">Policy Priorities</a> (webpage)  By taking advantage of Australia’s abundant renewable energy resources, we’ll create a bright future. My priorities are to:</p> <ul style="list-style-type: none"> <li>• Accelerate electrification and decarbonise our electricity supply</li> <li>• Empower households to make the shift to clean energy</li> </ul> <p>We are a smart country. By embracing renewable energy, we can create a strong, diversified and clean economy, create the jobs of the future, and reduce energy bills. My priorities are to:</p> <ul style="list-style-type: none"> <li>• Invest in Australian research and development</li> <li>• Position Australia to harness the massive job and investment opportunities from decarbonisation</li> <li>• Promote a strong sustainable recovery from COVID ...</li> <li>• End taxpayer subsidies to fossil fuel industries</li> </ul> <p><a href="#">Frequently Asked Questions</a> (webpage)  When will renewables be ready to be the major player in the electricity market?  A decade ago, renewable energy made up only 12% of our electricity supply. In 2022 renewables are on track to provide 35%, almost three times as much. Underpinning this remarkable growth has been two factors: a dramatic fall in the cost of renewable energy, and the inevitable retirement of coal power stations as they pass the end of their economic and safe operating lives.</p> <p>The CSIRO reports that the lowest cost source of new generation is a mix of wind and solar, even when taking into account the entire system costs to maintain a reliable grid.</p> <p>Australia’s Energy Market Operator (AEMO) is tasked with ensuring the reliability of the grid. AEMO has recently published a set of possible development scenarios. The scenario seen as most likely has renewables providing 82% of our electricity in 2030 and 97% in 2040. AEMO has published a more ambitious scenario that sees us at 98% renewables in 2030 and at 99% renewable with major clean energy exports by 2040.</p> <p>Renewables are already a very significant player in the electricity market, and there is now a high level of confidence among experts that Australia can phase out almost all fossil fuels from the electricity sector by the end of the decade, achieving the ‘holy grail’ of affordability, reliability and low emissions.</p> <p>Recently the states have been taking the lead on the energy transition. I will work to ensure that the federal government works hand-in-hand with the states, our energy institutions and the private sector to deliver abundant low-cost, reliable and low emissions energy to Australian households and industry, in the hope of achieving the highest AEMO scenario. The energy transition will bring hundreds of thousands of jobs and economic advantage to industry and exporters.</p>

<b>Candidate</b>	<b>Extracts from policies</b>
Alexandra Thom Liberal Democrat	<p data-bbox="331 185 762 212"><a href="#">Cheap &amp; Reliable Energy</a> (webpage)</p> <ul data-bbox="331 224 1428 689" style="list-style-type: none"> <li data-bbox="331 224 1428 324">• Free market energy. Government funding, ownership and regulation of energy sources only distort the market and reduce business confidence. All sources of energy should compete in the market on their own merits of reliability and cost.</li> <li data-bbox="331 331 1428 465">• Certainty for the energy industry. The risk of reckless future regulations is preventing investment in new energy production. Government should be required to pay regulatory compensation in cases where new regulation directly harms the value of private property.</li> <li data-bbox="331 472 1428 573">• No net-zero emissions target. This target is an absurd extension of climate alarmist ideology that will have grave effects on living standards for all Australians if it is pursued.</li> <li data-bbox="331 580 1428 689">• Abolish the renewable energy target (RET). The RET is a significant contributor to Australia’s runaway electricity prices. It has created a muddled and complex regulatory framework and taken away the incentive for investment into cheaper energy sources.</li> </ul> <p data-bbox="331 725 1441 828">Nuclear energy is the cleanest, safest and most reliable means of making grid-scale electricity. It is also one of the lowest emitters of carbon dioxide, generates significantly less waste than solar energy, and has comparatively tiny land requirements.</p> <ul data-bbox="331 835 1428 1048" style="list-style-type: none"> <li data-bbox="331 835 1428 936">• Repeal the blanket ban on nuclear energy in Australia. This ban is an anachronistic relic that only serves to stifle innovation and drive up electricity costs. Australia should license modern nuclear power plants based on international best practice.</li> <li data-bbox="331 943 1428 1048">• Make regulations fair and consistent. Nuclear energy should be given equal treatment with other low carbon technologies, and radiation in the nuclear energy sector should not be regulated more harshly than radiation in other sectors.</li> </ul>

#### 4. Substantial incentives for electric vehicles

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<a href="#">Climate and Environment</a> (webpage): No reference to EVs here or elsewhere on the website.
Josh Coyne One Nation	<a href="#">Climate Change</a> (webpage): The economic and social pain of meeting Australia’s commitments, under the Paris Agreement, has only begun because the reductions in carbon emissions concern all areas of the economy and not just electricity generation. This means we have yet to make significant reductions in agriculture, and all means of transport. In France, they tax cars on a kilometre basis for carbon dioxide emissions and its one reason for the recent riots in Paris.
Michele Dale Derryn Hinch	<a href="#">Policies – What We Stand For</a> (webpage): No reference to electric vehicles or transport emissions.
Josh Frydenberg Liberal	<p><a href="#">Australia’s Long-Term Emissions Reduction Plan</a> (Chapter 3)</p> <p>McKinsey analysis found electric vehicles could reduce emissions by up to 80 Mt CO<sub>2</sub>-e across the economy between 2019 and 2050, contributing around 15% of Australia’s overall 2050 abatement task. Over the long term, public charging and refuelling infrastructure will need to be widely available and convenient for new transport technologies to be deployed at scale.</p> <p>Public and private investment in battery electric charging infrastructure needs to increase to build consumer confidence and enable large-scale uptake. Investment is also needed in refuelling infrastructure for hydrogen and other alternative fuels. The Australian Government is tackling these issues through the forthcoming Future Fuels Strategy and a range of Government investments. It will also develop a new ERF [Emissions Reduction Fund] method to further incentivise the rollout of low emissions transport infrastructure.</p> <p>Australia’s forthcoming Future Fuels Strategy [see below] will be supported by measures that enable consumer choice, stimulate industry development and reduce emissions in the road transport sector. The Strategy will build on a range of existing work and investments, including:</p> <p>The Future Fuels Fund, which is:</p> <ul style="list-style-type: none"> <li>• helping businesses integrate new vehicle technologies into their fleets</li> <li>• reducing blackspots for public charging and refuelling infrastructure in both regions and cities</li> <li>• unlocking opportunities for heavy vehicle fleets to upgrade to utilize new transport technologies</li> </ul> <p>The Government is also investing in:</p> <ul style="list-style-type: none"> <li>• critical reforms to ensure the grid is ‘EV-ready’ and analysis to inform the roll out of charging and refuelling infrastructure</li> <li>• better information on EVs and charging infrastructure to support consumer choices</li> <li>• \$21 million of ARENA funding to roll out ultra-fast charging sites along 2 highway networks</li> </ul>



Candidate	Extracts from policies
	<ul style="list-style-type: none"> <li>• up to \$1.3 billion of CEFC finance made available to assist uptake of low and zero emissions vehicles</li> <li>• \$25 million for the Future Battery Industries Cooperative Research Centre, which will develop Australia’s battery industry, including batteries for transport</li> </ul> <p><a href="#"><u>Future Fuels and Vehicles Strategy</u></a> (pages 3 &amp; 4)</p> <p>The Future Fuels and Vehicles Strategy sets out how the Australian Government will support a technology-led approach to reducing emissions in the transport sector.</p> <p>By 2030, battery electric and plug-in hybrid electric vehicles are projected to make up 30% of new light vehicle sales.</p> <p>The Australian Government has now made available \$2.1 billion for low emission vehicle and future fuel technologies. The government will continue to partner with industry to invest in enabling battery charging and hydrogen refuelling infrastructure for road transport to give Australian consumers and business confidence to purchase low emission vehicles that work for them.</p> <p>The government is taking targeted action to support commercial investment and consumer uptake of low emission vehicles and future fuels ... the government is prioritising enabling infrastructure and grid readiness, allowing industry to focus on technological improvements to reach price parity. This infrastructure rollout will also increase consumer confidence.</p> <p>The government will leverage more private sector investment by focusing on 4 streams of key infrastructure and technology investment with an expanded \$250 million Future Fuels Fund:</p> <ul style="list-style-type: none"> <li>• public electric vehicle charging and hydrogen refuelling infrastructure</li> <li>• heavy and long distance vehicle fleets</li> <li>• light vehicle commercial fleets</li> <li>• household smart charging.</li> </ul> <p>Further investment in battery charging and hydrogen refuelling infrastructure will also be encouraged through the development of a new Emissions Reduction Fund method.</p> <p>The Australian Government will champion and bring forward a package of priority market reforms to state and territory energy ministers to ensure the electricity grid is EV-ready. This ... [will] initially include the following priorities:</p> <ul style="list-style-type: none"> <li>• exploring network tariff reform ... and infrastructure rollout</li> <li>• incentivising the use of smart chargers in households</li> <li>• tasking the energy market bodies to partner with governments</li> </ul> <p>The government will also ensure consumers can access reliable, easy-to-understand information on low emission vehicles, helping consumers make informed choices about the vehicle that is right for them.</p> <p>Through the government’s approach, it is estimated that:</p> <ul style="list-style-type: none"> <li>• emissions will be reduced by over 8 Mt CO<sub>2</sub>-e by 2035</li> <li>• charging infrastructure will be deployed in over 400 businesses, 50,000 households and over 1,000 new public access fast charging stations</li> <li>• convenient access to public fast charging will be enabled for up to 84% of the population (over 21 million people)</li> <li>• over 2,600 new jobs will be created</li> </ul>

Candidate	Extracts from policies
	<ul style="list-style-type: none"> <li>• health costs of around \$200 million will be avoided out to 2035</li> <li>• electricity network upgrades costs of \$224 million will be avoided by 2030</li> <li>• create the environment for there to be 1.7 million electric vehicles on the road by 2030.</li> </ul>
Scott Hardiman UAP	<p><a href="#">National Policy</a> No reference to EVs or transport emissions.</p>
Peter Lynch ALP	<p><a href="#">Powering Australia</a> (pages 40 &amp; 43): <i>National Electric Vehicle Strategy</i> This strategy will work with industry, unions, states and consumers and will include consideration of the following:</p> <ul style="list-style-type: none"> <li>• Further measures to make electric vehicles cheaper, increase electric vehicles sales and infrastructure;</li> <li>• Policy settings to encourage Australian manufacturing of electric car components (especially batteries) and possibly cars themselves; and</li> <li>• Ways to address the policy implications of declining fuel excise.</li> </ul> <p>To roll out more EV charging infrastructure, Labor will:</p> <ul style="list-style-type: none"> <li>• Work with states and territories to maximise EV charging infrastructure on federally funded infrastructure projects</li> <li>• Work with industry to review the National Construction Code with regard to boosting EV charging infrastructure</li> <li>• Ensure City Deals encourage EV charging facilities wherever possible</li> </ul> <p><i>Electric Car Discount</i> Labor will exempt many electric cars from:</p> <ul style="list-style-type: none"> <li>• Import tariffs – there is currently a 5% tax on some imported electric cars; and</li> <li>• Fringe benefits tax – there is currently a 47% tax on electric cars that are provided through work for private use.</li> </ul> <p>These exemptions will be available to all electric cars below the luxury car tax threshold for fuel efficient vehicles (\$79,659 in 2021-22). This cut-off will encourage car manufacturers to import and supply more affordable electric models in Australia.</p> <p>The Electric Vehicle Council estimates that under Labor’s policy to remove the import tariff, a \$50,000 model (such as the Nissan Leaf) will be more than \$2,000 cheaper.</p> <p>If a \$50,000 model is provided through employment arrangements, Labor’s FBT exemption will save employers up to \$9,000 a year. Often FBT is passed on to employees – and those employees will benefit directly from Labor’s policy.</p> <p>Labor’s Electric Car Discount will begin on 1 July 2022 and be reviewed after three years, in light of electric car take up at that time. These incentives will cost around \$250 million over three years.</p>
Piers Mitchem Greens	<p><a href="#">Tackling the Climate Crisis</a> (webpage): Every month there are more options, electric vehicles are getting cheaper, and with even more places to charge, you can drive further too.</p> <p>There are 20 million cars in Australia and less than 1% of them are electric. We need an electric vehicle revolution, it will make transport cleaner, cheaper and more reliable, create</p>

Candidate	Extracts from policies														
	<p>thousands of jobs and new industries and help tackle the climate crisis.</p> <p>The Greens plan includes:</p> <ul style="list-style-type: none"> <li>• Help you buy your first EV, reducing the cost of an electric vehicle by up to \$15,000 and provide ultra-cheap finance for the balance</li> <li>• Build a \$2 billion publicly owned EV fast charging network, ensuring that you'll always have a place to fuel up</li> <li>• Electrify the Commonwealth fleet by 2025, leading the way and driving the second-hand vehicle market</li> <li>• End the sale of new petrol and diesel cars from 2030, so you're not stuck on yesterday's technology</li> <li>• Legislate tough vehicle pollution standards to drive down emissions - meaning cleaner air in your community</li> <li>• Provide \$1.2b to manufacturers of electric vehicles and electric vehicle components in Australia, building the Australian EV manufacturing industry</li> </ul> <p><a href="#"><u>Drive an Electric Vehicle Revolution</u></a> (Policy Initiative, pages 2– 4)</p> <p>REDUCE THE COST OF ELECTRIC VEHICLES</p> <p>... the Greens will make zero emissions vehicles more affordable by the creation of a First EV Rebate and First EV Loan:</p> <p>First EV Rebate</p> <p>The First EV Rebate would provide up to \$10,000 for your first electric vehicle, with the total maximum grant size declining over the coming years as EV uptake increases and phasing out entirely after 2.5 million vehicles have been rebated under the scheme.</p> <p>There would be a 50% loading for buying an Australian made vehicle, allowing for rebates up to \$15,000 and providing a key incentive for the reboot of local automotive manufacturing.</p> <table border="1" data-bbox="336 1227 1118 1487"> <thead> <tr> <th>Eligible Buyers</th> <th>Total Rebate (Import vs Australia Made)</th> </tr> </thead> <tbody> <tr> <td>First 100,000</td> <td>\$10,000 / \$15,000</td> </tr> <tr> <td>Next 200,000</td> <td>\$7,500 / \$11,250</td> </tr> <tr> <td>Next 200,000</td> <td>\$5,000 / \$7,500</td> </tr> <tr> <td>Next 500,000</td> <td>\$3,000 / \$4,500</td> </tr> <tr> <td>Next 500,000</td> <td>\$2,000 / \$3,500</td> </tr> <tr> <td>Next 1,000,000</td> <td>\$1,000 / \$1,500</td> </tr> </tbody> </table> <p>First EV Loan</p> <p>In addition, the Commonwealth would provide all recipients of the First EV Rebate with an opportunity to utilise the First EV Loan.</p> <p>This First EV Loan would dramatically reduce the interest paid for those who need financing to afford their vehicle. The Commonwealth would finance up to \$50,000 of the remaining price of the vehicle at concessional rates well below the market standard.</p> <p>LEGISLATE TOUGH VEHICLE EMISSIONS STANDARDS</p> <p>To reach net-zero emissions by 2035, we must transform how we transport people and goods.</p> <p>Around the world, countries are announcing phase out dates for the sale of new internal combustion engine cars ... , Australia is one of the few remaining countries in the OECD yet to implement CO2 emission standards.</p> <p>By requiring the big automakers to sell lower emission cars (as they are required to do in the USA, Europe and Japan), the Australian Government has projected that households</p>	Eligible Buyers	Total Rebate (Import vs Australia Made)	First 100,000	\$10,000 / \$15,000	Next 200,000	\$7,500 / \$11,250	Next 200,000	\$5,000 / \$7,500	Next 500,000	\$3,000 / \$4,500	Next 500,000	\$2,000 / \$3,500	Next 1,000,000	\$1,000 / \$1,500
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Next 1,000,000	\$1,000 / \$1,500														

Candidate	Extracts from policies
	<p>would save about \$519 per year by 2025 ...</p> <p>To reach these targets the Greens will implement a light vehicle emissions standard of 105g/km by 2025, ratcheting down to 0g/km by 2030 and requiring 100% of sales to be electric, plug-in hybrid or fuel cell vehicles by 2030 (except for specialist vehicles).</p> <p><b>\$2 BILLION FOR FAST CHARGING INFRASTRUCTURE</b></p> <p>Using and charging electric vehicles should be simple and straightforward, no matter where you live. The Greens will provide \$2 billion over the next two years to FutureGrid, our proposed publicly owned electricity transmission and distribution company, to build new electric vehicle charging infrastructure.</p> <p>This funding will be prioritised for fast charging stations that allow drivers to get to 80% charge in approximately 15-30 minutes, with a focus on installing over 30,000 fast chargers at critical points all across the country. This will ensure that everyone has access to the electric vehicle revolution.</p> <p><b>ELECTRIFY THE COMMONWEALTH FLEET</b></p> <p>The Commonwealth has over ten thousand cars in its fleet. The Greens will make sure that all new Commonwealth vehicles are electric by 2025, not only contributing to the decarbonisation of the Commonwealth’s own energy use, but injecting a large number of EVs into the second hand market at the end of the Commonwealth leasing period.</p> <p><b>MAKE ELECTRIC VEHICLES HERE IN AUSTRALIA</b></p> <p>Supporting an EV manufacturing industry will mean thousands of jobs for Australians. It will have flow on benefits supporting research, development and manufacturing across the country in other industries.</p> <p>The Greens will provide \$1.2 billion in support to the manufacturing of electric vehicles and their components here in Australia, including a national plan and coordination with major buyers including state and territory governments.</p> <p>These grants will operate similarly to the Automotive Transformation Scheme that the Morrison Government under spent to the tune of hundreds of millions of dollars - with grants that can cover up to 15% of the cost of eligible plant and equipment and 50% of eligible research and development investments. Eligible companies would include not only EV manufacturers, but EV component manufacturers such as producers of lithium-ion batteries, electric motors and EV charging equipment.</p> <p>We will also secure the demand pipeline for Australian-made vehicles, with our First EV Grant providing a 50% loading for Australia made cars and light commercial vehicles, pushing down the comparative price of an Australia made EV compared to imported models.</p> <p><b>SCRAP STATE-BASED EV TAXES</b></p> <p>State Labor governments in Victoria and Coalition Governments in New South Wales and South Australia have introduced or proposed the introduction of road-user charges that will only apply to electric vehicles. In the middle of a climate emergency, such measures will only serve to slow the take up of cleaner modes of transport.</p> <p>The Greens will use Commonwealth powers to override these state based EV taxes, ensuring that we transition to a new national system to replace the fuel excise that doesn’t disincentivise the switch to electric transport.</p> <p><a href="#"><u>Investing in more Public Transport and High Speed Rail</u></a> (Policy Initiative, pages 1– 3)</p> <p>The Greens will invest in public and active transport as well as high speed rail, and ensure that we choose transport options that will contribute to reducing our carbon emissions.</p> <p>The Greens will:</p>

Candidate	Extracts from policies
	<ul style="list-style-type: none"> <li>Transform transport by supporting the electrification of bus and rail networks across Australia.</li> </ul> <p>ELECTRIFY BUS AND RAIL NETWORKS</p> <p>Turning our bus fleets and rail networks electric can make our public transport systems cleaner and greener ... By providing incentives to state governments to buy electric buses, we can also rebuild our vehicle manufacturing industry here in Australia, while reducing diesel pollution and making our streets quieter and cleaner.</p>
<p>Rachael Nehmer Animal Justice</p>	<p><a href="#">Land Transport Policy</a> (webpage and information sheet):</p> <p>Land Transport</p> <p>Vehicles, roads and internal combustion engines have disastrous side effects for animals, the environment and people. The Animal Justice Party (AJP) recognises that Australia needs a national shift away from road transport and toward other more environmentally-friendly modes, including all forms of rail and mass transit, together with walking and cycling. This shift needs to be concurrent with changes in urban and inter-city planning and development, with the wellbeing of animals and people factored into the design (see our Human Population Policy).</p> <p>In addition to long term goals, we have an urgent need to rapidly decarbonise Australia's transport system. Powering vehicles with alternative energy sources such as hydrogen or electricity is a good start, but it is not enough to slow climate change or environmental destruction, or keep us within climate carbon budgets. This will require not only different vehicles but also far fewer.</p> <p>Key Objectives</p> <ul style="list-style-type: none"> <li>Encourage the growth of efficient, low carbon transport and steep reductions in private vehicles, particularly in urban areas.</li> <li>Rapidly transition away from the internal combustion engine towards hydrogen, electric vehicles and other clean technology with better emissions standards (possibly including offsets) in the interim.</li> <li>Provide financial incentives to both producers and consumers to switch to more eco-friendly land transport solutions.</li> <li>Ensure that public transport is affordable, reliable, accessible and safe for all people and companion animals.</li> <li>Prioritise walkability, active transport and public transport in town planning while minimising travel time ...</li> </ul> <p>Greenhouse gases and traffic modes</p> <p>Transport, in all its forms, is a major generator of greenhouse gases and a major contributor to the climate crisis. Road transport dominates all other forms of transport ... Surprisingly to many, the emissions per person-kilometre are similar for private cars and commercial planes; so driving from Sydney to Perth will not save much in the way of emissions compared to flying. The most effective way to reduce emissions from travel is to simply reduce travel ...</p> <p>Buses and trains are more efficient than cars but only by a factor of about two which will not achieve net-zero transport emissions. To be highly effective, changes need to be in the order of 10-fold.</p> <p>A European study demonstrated how difficult it will be to make the deep reductions we need. The study assessed both the manufacturing and tailpipe emissions of different kinds of electric and petrol vehicles. ... the emissions from making the battery for an electric vehicle are, alone, bigger than we can afford; and this is before we add in the manufacture of the rest of the vehicle ...</p> <p>There are two things to note: •1) the enormous emissions output from lithium battery</p>

Candidate	Extracts from policies
	<p>construction ... and ,2) the emissions from power grids fuelling electric vehicles ... The fuel cycle emissions for the electric vehicles are the emissions associated with generating the electricity to charge the batteries from power stations, including coal, hydro, nuclear and others. The very low fuel cycle emissions for Norway and France are due to their decarbonised electricity generation system. The German fuel cycle emissions are considerably higher because the German renewable energy transition has been slow and Germany’s electricity generation emissions are still high. The conclusion is that electric vehicles alone are not a “silver bullet” for car emissions.</p>
<p>Monique Ryan Independent</p>	<p><a href="#">Policy Priorities</a> (webpage) My priorities are to:</p> <ul style="list-style-type: none"> <li>• Speed up the uptake of electric vehicles and strengthen emissions standards</li> </ul> <p><a href="#">Frequently Asked Questions</a> (webpage) What would you do to accelerate the uptake of electric vehicles in Australia? Australia has one of the world’s most emissions-intensive road vehicle fleets and low use of public transport, cycling and walking. While other countries are setting emissions standards and phasing out fossil fuel cars, without a transport emissions policy, it’s no surprise that Australia’s vehicle emissions rose every year for the 28 years leading into the pandemic.</p> <p>China, Mexico and India have stronger vehicle emissions standards than Australia.</p> <p>We need to accelerate the uptake of electric vehicles (EVs) to reduce emissions and reduce air and noise pollution. Electrifying Australia’s vehicle fleet also means much less reliance on foreign oil, which has economic and national security benefits. This must be the last energy crisis. Instead of using imported oil we need to use our wind and sunshine for our mobility, and the Federal government can hasten this transition.</p> <p>We need, and I support, stronger vehicle emissions standards. This will give car manufacturers a market signal to bring more electric and low emissions models into the country, giving Australians more choice. Stronger emissions standards, and setting a sunset date on new fossil fuel vehicle sales in line with commitments in other markets (eg. UK by 2035), will prevent Australia becoming a dumping ground for high emissions models.</p> <p>A national plan to address the take up of electric vehicles is required. A 2019 senate inquiry into EVs, chaired by former independent Senator Tim Storer, <a href="#">identified a number of small changes to federal vehicle taxes</a> that would make lower-end EVs more affordable for everyday Australians without affecting the federal budget. I support these recommendations.</p> <p>More than half of all new vehicles in Australia are bought by government and commercial fleets. I support strategic changes to government purchasing guidelines and fringe benefits tax that would dramatically accelerate fleet adoption. The increased volumes would reduce the cost for all EVs, and after just 3 to 4 years these vehicles would enter the second-hand market, making EVs a viable choice for many Australians.</p> <p>To make the switch to EVs, motorists need confidence that they’ll never be far from a car charger. The private sector is best placed to install charger networks, and this is happening now at great pace. However, just as the government provided assistance to build mobile phone towers in ‘blackspot’ areas, government should incentivise car charging operators to install chargers in areas not well served.</p>

<b><i>Candidate</i></b>	<b><i>Extracts from policies</i></b>
Alexandra Thom Liberal Democrat	<a href="#">Freedom Manifesto</a> (webpage) No reference to electric vehicles or transport emissions here or elsewhere on the website..

## 5. No new fossil fuel mining (thermal coal, gas or oil)

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<a href="#">Climate and Environment</a> (webpage): No reference to fossil fuel mining here or elsewhere on the website.
Josh Coyne One Nation	<a href="#">Climate Change</a> (webpage): No reference to fossil fuel mining <a href="#">Bringing Back Australian Values</a> (webpage): One Nation opposes: <ul style="list-style-type: none"> <li>• Mining and CSG exploration on farmland, where it will have a negative impact on our environment and water table</li> </ul>
Michele Dale Derryn Hinch	<a href="#">Policies – What We Stand For</a> (webpage): No reference to fossil fuel mining.
Josh Frydenberg Liberal	<a href="#">The Plan to Deliver Net Zero The Australian Way</a> (pages 2, 12, 17): <ul style="list-style-type: none"> <li>• Our plan will create the enabling environment for investment in Australia. It will not shut down coal or gas production.</li> <li>• The plan is aligned fully with steps the Australian Government is already taking to secure the nation’s future energy needs and supplies of fuel, gas and electricity.</li> <li>• While emissions-intensive exports like coal and gas will face global headwinds in the long term, there will be demand for these exports for many years to come. This gives Australia time to future-proof our economy and workforce, including establishing new industries like clean hydrogen production.</li> <li>• It is an energy, trade and economic plan, not just an environmental one.</li> <li>• It will not shut down coal or gas production or exports.</li> <li>• It will not cost jobs – not in farming, mining or gas.</li> </ul> <a href="#">Australia’s Long-Term Emissions Reduction Plan</a> (pages 13, 19, 27, 45, 66, 80, 82,119) <ul style="list-style-type: none"> <li>• Our Plan takes a practical approach. ... It does not penalise traditional industries ... We will continue to supply traditional markets while enabling the private sector to invest in new industries to ensure we can take advantage of emerging opportunities in sectors like hydrogen, clean liquefied natural gas (clean LNG) and critical minerals.</li> <li>• While most of our major sectors will grow strongly to 2050, even as the world decarbonises, some sectors will face global headwinds. We will continue to export our traditional energy exports for as long as our customers demand them. If we were to withdraw supply and reduce our exports, other countries would fill the gap in supply. Australia’s coal and gas export industries will continue through to 2050 and beyond, supporting jobs and regional communities.</li> <li>• We will continue to supply energy exports in the form our customers want it. Without affordable low emissions technologies, global demand for our existing energy exports will continue, and other countries will fill the gap if Australia is forced out of global markets early. Australia’s approach is to develop technologies – like hydrogen and carbon capture and storage – for adoption here and overseas so they are ready as global demand changes for coal and gas.</li> </ul>



Candidate	Extracts from policies
	<ul style="list-style-type: none"> <li>• Carbon capture and storage (CCS) can help decarbonise industrial sectors including steel, cement and natural gas. It can also provide a pathway to produce clean hydrogen using natural gas or coal.</li> <li>• The Australian Government has agreed 3 bilateral state deals – with NSW, Tasmania and South Australia – leveraging overall investment of more than \$3 billion in energy and emissions reductions projects. These deals are: <ul style="list-style-type: none"> <li>○ <u>increasing gas supply</u></li> <li>○ supporting transmission, interconnectors and renewable energy zones</li> <li>○ reducing emissions through low emissions technology development.</li> </ul> </li> <li>• The long-term prospects for Australia’s coal and gas sectors will depend on the preferences of our customers and the pace of international action. Australian natural gas production is expected to remain robust, and will be higher in 2030 than it is today. Coal production will remain flat or decline slightly, by around 6% over the same period.</li> <li>• As a result of these global trends, Australian fossil fuels production is projected to fall over the period to 2050, and will be 35% lower than 2020. International demand for coal is projected to taper more rapidly than for natural gas. Our modelling finds that changing customer demand for these commodities, and not a domestic emissions goal, drives the economic impacts on these sectors.</li> <li>• Export earnings from energy commodities (coal, LNG, uranium and liquid fuels) made up just over a quarter of Australia’s total resources and energy exports in 2020–21. This is expected to grow to around 40% in 2022–23, returning to typical pre-COVID-19 levels. Energy commodities are expected to continue to be demanded in the Asia-Pacific, as populous nations develop rapidly. Australia is well placed to maintain its position as a leading supplier within the region.</li> </ul> <p><a href="#"><u>2021 National Gas Infrastructure Plan</u></a> (pages 2 &amp; 7)</p> <p>Gas is a major contributor to economic prosperity for all Australians and supports the reliability and security of our electricity system. Internationally competitive and affordable gas helps underpin the productivity and competitiveness of Australian industry ... Through the gas-fired recovery, the Government wants Australian gas to work for all Australians while remaining one of the top global Liquefied Natural Gas (LNG) exporters.</p> <p>The Government has committed to developing an ongoing series of National Gas Infrastructure Plans (NGIPs) to support a more strategic approach to gas infrastructure investment. NGIPs complement other Government measures to unlock additional gas supplies, ensure an efficient gas transportation network, and empower gas consumers through greater market transparency. These include the Strategic Basin Plans, gas pipeline regulation reforms, establishment of an Australian gas hub at Wallumbilla, and the Future Gas Infrastructure Investment Framework. These key initiatives recognise that, through proactive engagement with industry and with appropriate support, gas will accelerate our economic recovery.</p> <p>East coast gas production will continue to drive export revenues and economic growth during the period to 2041. The Government has committed to supporting the development of new gas supply through the Strategic Basin Plans, including providing support to accelerate new resource developments towards commercialisation and realising additional supply from existing plays.</p> <p>There may be circumstances where private sector investment is not available in time to ensure priority infrastructure projects are in place when required. In such conditions, the Government stands ready to drive new infrastructure development through the Future Gas Infrastructure Investment Framework (the Investment Framework).</p>

Candidate	Extracts from policies
	<p>This NGIP identifies five priority actions to support efficient infrastructure development and avoid supply shortfall risks:</p> <ul style="list-style-type: none"> <li>• Expand storage and flexible supply capacity close to southern demand centres</li> <li>• Prioritise proving the viability of new upstream resources</li> <li>• Advance early stage infrastructure design and development activities that enable access to new basins</li> <li>• Enable increased north-south flows</li> <li>• Coordinate gas infrastructure priorities with the National Hydrogen Infrastructure Assessment</li> </ul> <p><a href="#"><u>Future Gas Infrastructure Investment Framework</u></a> (pages 1 &amp; 3)</p> <p>The Australian Government’s gas-fired recovery is being implemented through a range of actions to unlock new gas supply, deliver an efficient pipeline and transportation network, and empower gas customers. As part of this agenda, the Government committed in May 2021 to developing the Future Gas Infrastructure Investment Framework (the Investment Framework) to guide consideration of potential Commonwealth support for critical gas infrastructure projects identified in the National Gas Infrastructure Plan (NGIP).</p> <p>While the Government’s preference is for industry to lead investment in these critical infrastructure projects, the Government is prepared to take action to alleviate the risk of gas supply shortfalls and the impacts a shortfall would have on jobs and Australia’s economic competitiveness.</p> <p>The Investment Framework recognises that there may be circumstances where private investment in priority projects is not available in time or there are other forms of market failure and barriers that compromise the ability for critical projects to proceed, thereby risking Australia’s energy security or other important benefits for the domestic gas market.</p> <p>The Investment Framework provides certainty by laying out the circumstances where the Government may, through targeted co-investment with industry, assist in accelerating critical mid-stream infrastructure projects to final investment decision (FID). This will help to ensure new supply can be delivered more efficiently to place downward pressure on gas prices and alleviate forecast gas supply shortfalls.</p> <p>As support under this framework is targeted at pre-FID activities, it is anticipated that targeted grants, including recoupable and conditional grants, and loans will likely be the most appropriate support mechanisms. Other options relevant to a project’s operational phase, such as underwriting offtakes, are not available under this Framework.</p> <p><a href="#"><u>Unlocking the Beetaloo: Beetaloo Strategic Basin Plan</u></a> (page 5)</p> <p>Actions: New Investments \$220 million+</p> <ul style="list-style-type: none"> <li>• Establishing a new \$50 million Beetaloo Cooperative Drilling Program to support \$200 million of exploration activity before 30 June 2022.</li> <li>• Commissioned a \$0.7 million Beetaloo Development Study.</li> <li>• Co-funded (with the NT Government) a \$0.5 million Infrastructure Requirements Analysis</li> <li>• Working with gas operators to address practical barriers to exploration and appraisal.</li> <li>• Committed \$36.2 million through the government’s Geological and Bioregional Assessment Program. The program produces geological and environmental data, tools and knowledge. This investment includes an approximate \$16.9 million allocation to Beetaloo projects through to June 2021.</li> <li>• Invested \$1.9 million to develop a Beetaloo Aboriginal Economic Development Strategy.</li> </ul>

Candidate	Extracts from policies
	<ul style="list-style-type: none"> <li>• Committed \$19.2 million to support CSIRO’s Gas Industry Social and Environmental Research Alliance (GISERA) research efforts across Australia. Of the funds committed as at 30 June 2020, Beetaloo related projects received \$1.6 million with more to be allocated by GISERA over the next few years.</li> <li>• Establishing a new \$173.6 million Roads of Strategic Importance corridor, the NT Gas Industry Roads Upgrades. These upgrades will be required for commercial development.</li> <li>• Building a \$2.2 million Barkly Business Hub. This will support local companies to realise the benefits of gas development and other opportunities in the region.</li> </ul> <p>Note: In December 2021, the <a href="#">Federal Court ruled</a> that \$21 million grant agreements with Empire Energy (part of the \$50 million Beetaloo Cooperative Drilling Program) were void on procedural grounds.</p>
Scott Hardiman UAP	<p><a href="#">National Policy</a> Process Australian Minerals at Home We can create thousands of jobs and turbo-charge our exports by processing our mineral resources in Australia</p>
Peter Lynch ALP	<p><a href="#">ALP National Platform 2021</a> (pages 20-21, 39, 40-41, 87)</p> <ul style="list-style-type: none"> <li>• Labor recognises and values the economic and employment contribution of Australia's mining and extractive resources industries including iron ore, <u>coal</u>, uranium, nickel, rare earths, gold, copper, zinc, silver, <u>gas</u>, bauxite and others. Labor notes the critical importance these industries play in Australia's economic prosperity, particularly in Australia's terms of trade, as well in supporting regional Australian communities.</li> <li>• In recognition of the vast contribution resources make to Australia's prosperity, Labor will develop Australia's natural resources through competitive minerals, resources and energy industries, backed by quality infrastructure links, which grow export-oriented jobs for our modern economy. Labor will:             <ul style="list-style-type: none"> <li>○ promote the ecologically sustainable development of Australia's energy resources, taking into account domestic industrial, home and community needs and the need to <u>ensure security of domestic electricity and gas supplies</u> which encourage investment and support properly functioning gas and electricity markets;</li> <li>○ support modern maritime engineering excellence in <u>export gas production</u>, including the involvement of Australian engineering and industry within the supply chain.</li> </ul> </li> <li>• Supported by the advice of experts including the Chief Scientist and the Intergovernmental Panel on Climate Change, Labor recognises the role that Carbon Capture and Storage (CCS) will play in abating carbon pollution and ensuring industries like heavy manufacturing and gas production are able to play their role in meeting carbon pollution reduction goals consistent with achieving the goals of the Paris Agreement. Labor’s support, to date, for the development of CCS technologies stands in sharp contrast to the record of the Coalition government which has abolished CCS support programs and cut \$460 million in CCS financial support.</li> <li>• Labor recognises and supports the critical role that gas plays in the Australian economy. Labor recognises that gas has an important role to play in achieving Labor’s target of net zero emissions by 2050. Labor’s policies will support Australian workers in the gas extraction industry, building on Labor’s legacy of supporting sufficient and affordable gas supply for Australian industry and consumers. This includes support for <u>new gas projects</u> and associated infrastructure, subject to independent approval processes to</li> </ul>

Candidate	Extracts from policies
	<p>ensure legitimate community concerns are heard and addressed. Labor will ensure the industry assesses and manages environmental and other impacts, including on water reserves and co-existence with other agricultural activities, and engages constructively with landholders. The Federal government must also institute policies like more rigorous use-it or lose-it conditions for offshore gas resources, a price related export control trigger, and domestic reservation policies to ensure environmentally approved gas projects are developed for the benefit of Australians, including as a feedstock to crucial strategic manufacturing industries including chemical and fertiliser production. Labor recognises the critical role gas-power generation plays in firming the National Electricity Market (NEM) and will have regard to the advice of the Australian Energy Market Operator (AEMO) in continuing to ensure reliability and price affordability as the NEM transitions to net zero emissions and as other technologies emerge.</p> <ul style="list-style-type: none"> <li>• Working with industry, workers and states, Labor will ensure access to affordable gas to support Australian households, power generation and industry, including through measures designed to ensure Australia’s energy security.</li> <li>• Labor supports Australian industry, including agriculture, manufacturing, minerals including <u>coal, oil and gas</u>, and services having access to global markets in accordance with Labor’s policy framework as described here.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• In June 2021, Labor opposed a <a href="#">motion in the House</a> (see under ‘Regulations and Determinations’) moved by Z Steggall to disallow the instrument which provides Government funding to accelerate exploration for gas in the Beetaloo Basin (via the Beetaloo Cooperative Drilling Program).</li> </ul>
Piers Mitchem Greens	<p><a href="#">Tackling the Climate Crisis</a> (webpage):</p> <p>The mining and burning of coal and gas is a key reason we now face a climate crisis. In this critical decade for climate action, we need to keep coal and gas in the ground, and rapidly shift to renewable energy.</p> <p>The Greens plan includes:</p> <ul style="list-style-type: none"> <li>• Immediately ban the construction of new coal, oil and gas infrastructure, ensuring we can transition our economy to zero carbon energy while maintaining a safe climate</li> <li>• Phase out the mining, burning and export of thermal coal by 2030 to ensure we do our bit, so the world does not go over the 1.5 degree climate cliff</li> </ul> <p>Policy principles: <a href="#">Climate Change and Energy Policy</a> (webpage, dated August 2020):</p> <p>The Australian Greens want:</p> <ul style="list-style-type: none"> <li>• No new coal-fired power stations, gas mines or oil wells, and no expansions to any existing coal- or gas-fired power stations or mines, plus the development of programs to assist fossil fuel-dependent communities to make the transition to other more sustainable sources of economic prosperity.</li> <li>• Thermal coal exports to be phased out by 2030 and all other fossil fuel exports to cease by 2040, with the exception of metallurgical coal.</li> <li>• The adoption of the precautionary principle in relation to capturing carbon through geosequestration, by opposing public funding, and ensuring that companies are financially responsible for the risks and effects of greenhouse gas leakage.</li> <li>• An Australian government investment policy that divests from all fossil fuel extraction and consumption.</li> </ul>

<b>Candidate</b>	<b>Extracts from policies</b>
Rachael Nehmer Animal Justice	<p><a href="#">Climate Change Policy</a> (webpage &amp; policy sheet):</p> <p>Key objectives:</p> <ul style="list-style-type: none"> <li>To prohibit any fossil fuel expansion and rapidly transform to a carbon-free energy infrastructure.</li> </ul> <p><a href="#">Natural Gas Policy</a> (webpage):</p> <p>Fossil fuels, including natural gas, will not be part of any final clean energy solution to climate change. It makes no sense to transition to natural gas, only to have to replace it with something better in the near future ...</p> <p>Key Objectives</p> <ol style="list-style-type: none"> <li>AJP recommends that there should be no expansion of natural gas use, whether from coal seam or other sources.</li> </ol> <p><a href="#">A Better World for Animals People Planet</a> (Federal Election Platform) pages 30 &amp; 34:</p> <p>PUT PLANET OVER PROFIT</p> <p>... the Animal Justice Party will ban new coal mines and natural gas wells and phase out current mines and operations; we cannot help our planet unless this is prioritised. We will always put animals, people and the planet over profit.</p> <p>A National Ban on Fracking</p> <p>The Animal Justice Party will legislate to ban fracking across the country to ensure that no community faces the prospect of polluted water and poisoned soil.</p> <p>No Oil Drilling</p> <p>The Great Australian Bight is one of the most healthy marine environments in the world. We want it to stay that way and will bring in protections to ensure that oil companies can never drill for oil in the Bight.</p>
Monique Ryan Independent	<p><a href="#">Policy Priorities</a> (webpage)</p> <p>My priorities are to:</p> <ul style="list-style-type: none"> <li>End taxpayer subsidies to fossil fuel industries</li> </ul> <p><a href="#">Frequently Asked Questions</a> (webpage)</p> <p>Do you support the opening of new fossil fuel mines?</p> <p>Australia agreed to join the Paris Agreement, an ambitious global pact to keep warming of the planet well below 2°C and preferably to 1.5°C, in 2015. To meet the Paris Agreement, the world must reach net-zero emissions well before 2050.</p> <p>With Australia already seeing the impacts of global warming, it is in our interests that the agreement is successful. With our wealth of renewable resources we have an opportunity to help the world decarbonise and benefit financially as a clean energy superpower.</p> <p>In May 2021 the International Energy Agency called for ‘No new investment in oil, gas or coal exploration or development’ if we are to meet the Paris Agreement. It is therefore important that the Commonwealth government immediately cease subsidising fossil fuel exploration and extraction. No new fossil fuel mines should be supported from this point.</p> <p>Much of our society is currently heavily dependent upon fossil fuels. Of course we cannot move away from fossil fuels overnight — nobody is calling for that — but we already have the technology to transition most activities towards zero emissions. Government must develop credible plans and supporting policies to transition to zero emissions in line with climate science. These plans must include a phase down of fossil fuel mining as well as programs to ensure that communities and workers currently dependent on that sector for employment are not left behind.</p>

<b><i>Candidate</i></b>	<b><i>Extracts from policies</i></b>
Alexandra Thom Liberal Democrat	<a href="#">Freedom Manifesto</a> (webpage) No reference to fossil fuel mining here or elsewhere on the website.

## 6. Strong independent integrity commission

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<p><a href="#">Government &amp; Media Accountability</a> (webpage): In order to restore trust and integrity to our political system and wider society, accountability must be achieved for the many failings of government responsibilities ...</p> <p><a href="#">Government Structure</a> (webpage): The principle of accountability for decisions made by those who make them has been so diluted It is now laughable and otherwise simply becomes political spin, or avoided completely. Our elected representatives, rather than seeing their responsibility as serving the people who elected them, regard their involvement in public office as a profession with progress and success being measured by climbing the “corporate ladder” to gain ministerial appointments of increasingly prestigious levels, regardless of their conduct along the way.</p> <p>There is an undeniable case for:</p> <ul style="list-style-type: none"> <li>• A review of the ethical standards and level of integrity those in elected office are required to meet.</li> <li>• Establishment of a code of conduct and standards to be adhered to by all those in public office (elected and appointed).</li> <li>• Establishment of a professional development structure for all elected officials.</li> </ul>
Josh Coyne One Nation	<p><a href="#">Federal Policies</a> (webpage): No reference to a Federal integrity commission here or elsewhere on the website.</p>
Michele Dale Derryn Hinch	<p><a href="#">Policies – What We Stand For</a> (webpage): No reference to a Federal integrity commission.</p>
Josh Frydenberg Liberal	<p><a href="#">Commonwealth Integrity Commission Fact Sheet</a> (November 2020) The CIC would be a centralised, specialist centre for the prevention and investigation of corruption in the Commonwealth public sector and higher education and research sectors. The CIC would be established as a new independent statutory agency, subsuming and replacing the existing Australian Commission for Law Enforcement Integrity (ACLEI).</p> <p>The CIC would have a broad jurisdiction to ensure that it can properly investigate corruption within the Commonwealth public sector and in the higher education and research sectors. The CIC would be divided into two divisions, as follows:</p> <ul style="list-style-type: none"> <li>• The law enforcement integrity division would have jurisdiction over the ... law enforcement agencies and public sector agencies with investigative functions.</li> <li>• The public sector integrity division of the CIC would have jurisdiction over public service departments and agencies ... higher education providers and research bodies ... Commonwealth service providers and any subcontractors they engage ... parliamentarians and their staff.</li> </ul> <p>The CIC’s primary function would be the investigation of serious criminal conduct that represents corruption in the public sector.</p> <ul style="list-style-type: none"> <li>• The law enforcement integrity division would investigate corrupt conduct</li> <li>• The public sector integrity division would investigate corrupt conduct ... It would only investigate criminal offences and would not make findings of corruption at large. This</li> </ul>

Candidate	Extracts from policies
	<p>approach would ensure that it is the courts making findings of criminally corrupt conduct.</p> <ul style="list-style-type: none"> <li>• Heads of law enforcement agencies would have a mandatory obligation to refer corruption issues relating to their agency to the CIC.</li> <li>• The heads of entities ... covered by the public sector integrity division would have a mandatory obligation to report suspected corruption issues relating to their staff members. The public sector integrity division could receive a referral from another integrity agency – like the Ombudsman ... Parliamentarians will also be able to refer their staff.</li> <li>• The CIC would not receive referrals about those within the public sector integrity division’s jurisdiction from the public at large.</li> <li>• The law enforcement integrity division would have all the powers ACLEI has – including the ability to execute search warrants, make arrests and use telecommunications interception and surveillance devices, subject to appropriate thresholds being met.</li> <li>• The public sector division would have all the same powers as the law enforcement integrity division with the exception of the ability to hold public hearings or conduct integrity testing.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• Opposed the Greens’ led National Integrity Commission Bill 2018 (No. 2) which was <a href="#">passed in the Senate</a> in September 2019; the Bill was <a href="#">not progressed in the House</a>.</li> <li>• Opposed a <a href="#">narrowly defeated motion</a> (by Rex Patrick) to debate the <a href="#">Australian Federal Integrity Commission Bill 2020</a> introduced in the House by Helen Haines.</li> </ul>
Scott Hardiman UAP	<p><a href="#">National Policy</a> No reference to a Federal integrity commission.</p>
Peter Lynch ALP	<p><a href="#">ALP National Platform 2021</a> page 68-69: Labor will make government open and accountable, and will have no tolerance for corruption. Labor will:</p> <ul style="list-style-type: none"> <li>• establish a powerful, independent and transparent National Integrity Commission as part of a broad national anti-corruption plan</li> </ul> <p><a href="#">National Anti-Corruption Commission</a> (webpage) Labor believes the time is long past for a National Anti-Corruption Commission (NACC) to be established, and an Albanese Labor Government will give priority to introducing legislation to establish such a body.</p> <p>Under these design principles the NACC will:</p> <ul style="list-style-type: none"> <li>• have broad jurisdiction to investigate Commonwealth ministers, public servants, statutory office holders, government agencies, parliamentarians, and personal staff of politicians;</li> <li>• carry out its functions independently of government, with discretion to commence inquiries into serious and systemic corruption on its own initiative or in response to referrals, including from government agencies, Members of Parliament, whistleblowers, and complaints from the public. To ensure the Commission is and remains independent, the Commissioner and any Deputy Commissioner would serve for a single fixed term and have security of tenure comparable to that of a federal judge;</li> <li>• be overseen by a statutory bipartisan Joint Standing Committee of the Parliament,</li> </ul>



Candidate	Extracts from policies
	<p>empowered to require the Commission to provide information about its work. To ensure bipartisan support for the Commission’s work, that Committee would be responsible for confirming the Commissioners nominated by the Government;</p> <ul style="list-style-type: none"> <li>• have the power to investigate allegations of serious and systemic corruption that occurred before or after its establishment;</li> <li>• have the power to hold public hearings where the Commission determines it is in the public interest to do so;</li> <li>• be empowered to make findings of fact, including a finding of corrupt conduct, but not to make determinations of criminal liability. Findings that could constitute criminal conduct would be referred to the Australian Federal Police or the Commonwealth Department of Public Prosecutions for further consideration; and</li> <li>• operate with procedural fairness and its findings would be subject to judicial review.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• Labor supported the Greens’ led National Integrity Commission Bill 2018 (No. 2) which was <a href="#">passed in the Senate</a> in September 2019; the Bill was <a href="#">not progressed in the House</a>.</li> <li>• Labor supported a <a href="#">narrowly defeated motion</a> (by Rex Patrick) to debate the <a href="#">Australian Federal Integrity Commission Bill 2020</a> introduced in the House by Helen Haines.</li> </ul>
Piers Mitchem Greens	<p><a href="#">Cleaning Up Politics, Reviving Democracy</a> (pages 1 &amp; 2)</p> <p>Without strong, independent and well-resourced bodies to shine a light on decisions and stamp out corruption, politicians and big corporations will keep doing the wrong thing. Their time is up.</p> <p>The Greens will provide \$119M to establish a strong, independent National Integrity Commission to hold politicians and public servants to account and to stop big corporations and the super rich from buying the political outcomes that favour them. Our legislation for such a watchdog has already passed the Senate, but the Government refuses to bring the bill on for a vote in the House of Representatives ...</p> <p>Unlike the weak model proposed by the government, our corruption watchdog will:</p> <ul style="list-style-type: none"> <li>• have a broad remit to investigate potentially corrupt behaviour and extensive investigation powers</li> <li>• make politicians subject to the same investigation and enforcement powers as other public sector agencies</li> <li>• be able to act on tips off from the public</li> <li>• be able to investigate behaviour of politicians going back 10 years</li> <li>• hold public hearings, where it is in the public interest to do so</li> <li>• provide strong protections for whistleblowers and journalists</li> </ul> <p>Policy principles: <a href="#">Constitutional Reform and Democracy</a> (webpage, dated November 2020)</p> <p>The Australian Greens want:</p> <ul style="list-style-type: none"> <li>• A national independent anti-corruption commission which is protected from partisan political influence.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• The Greens’ led National Integrity Commission Bill 2018 (No. 2) was <a href="#">passed in the Senate</a> in September 2019 with support from Independents and Labor; the Bill was <a href="#">not progressed in the House</a>.</li> <li>• The Greens supported a <a href="#">narrowly defeated motion</a> (by Rex Patrick) to debate the <a href="#">Australian Federal Integrity Commission Bill 2020</a> introduced in the House by Helen Haines.</li> </ul>

<b>Candidate</b>	<b>Extracts from policies</b>
Rachael Nehmer Animal Justice	<p><a href="#">Position Statement – Corruption</a> (webpage):</p> <p>The Animal Justice Party (AJP) relies upon our core values of Kindness, Equality, Rationality and Non-Violence in forming our position to stamp out corruption in all of its forms and in all levels and arms of government. Corruption is insidious and undermines the rule of law, destroys public confidence in government and seeks to give power, influence and resources to a privileged few with criminal and unethical intent to the detriment of the broader community ...</p> <p>The AJP supports the efforts of integrity and accountability agencies that oversee our democratic processes including our electoral commissions and anti-corruption agencies. The AJP supports all efforts to improve equity, transparency, integrity and accountability in local, state and federal government elections and decision-making. Specifically, we encourage the strengthening of state-based anti-corruption watchdogs and the introduction of a federal Independent Commission Against Corruption (ICAC).</p>
Monique Ryan Independent	<p><a href="#">Policy Priorities</a> (webpage)</p> <p>We can restore faith in our democracy. We need to keep our politicians honest and accountable and stop rorts, pork-barrelling and corruption. My priorities are:</p> <ul style="list-style-type: none"> <li>• A strong and independent federal anti-corruption commission</li> </ul> <p><a href="#">Frequently Asked Questions</a> (webpage)</p> <p>How can we restore integrity in politics? ...</p> <p>I support the introduction and passage of the Australian Federal Integrity Commission bill, sponsored by Independent MP Dr Helen Haines.</p> <p>Unlike the weak model proposed by the Morrison government, the Australian Federal Integrity commission called for by Dr Haines would have the freedom to: investigate public decision-making (including the conduct of politicians, public servants and third parties); initiate its own investigations; hold public hearings when this is in the public interest; receive referrals from the public; and report its findings publicly. It would also have retrospective powers to uncover serious and systemic past failures.</p> <p>The AFIC bill was developed in consultation with judges, ethicists, legal academics and MPs from across the parliament and has been described as ‘best practice’ by legal experts.</p>
Alexandra Thom Liberal Democrat	<p><a href="#">Freedom Manifesto</a> (webpage)</p> <p>No reference to a Federal integrity commission here or elsewhere on the website.</p>

## 7. Political donation law reform

<b>Candidate</b>	<b>Extracts from policies</b>
Will Anderson Independent	Unable to find any published policies.
David Connolly Australian Values	<a href="#">Government &amp; Media Accountability</a> and <a href="#">Government Structure</a> (webpages): No reference to political donations law reform here or elsewhere on the website.
Josh Coyne One Nation	<a href="#">Federal Policies</a> (webpage): No reference to political donations law reform here or elsewhere on the website.
Michele Dale Derryn Hinch	<a href="#">Policies – What We Stand For</a> (webpage): No reference to political donations law reform.
Josh Frydenberg Liberal	No indication of a proposal to change political donations law.
Scott Hardiman UAP	<a href="#">National Policy</a> No reference to political donations law reform.
Peter Lynch ALP	<a href="#">ALP National Platform 2021</a> page 71: <ul style="list-style-type: none"> <li>• Labor will strengthen and enhance the integrity of Australia’s electoral system through overdue campaign financing reform and by removing barriers to participation in democratic processes for all Australians.</li> <li>• We will minimise the disproportionate influence of vested interests in the democratic process by supporting an effective and practical public funding system of elections and limiting the level of federal campaign expenditure, through the introduction of spending caps.</li> </ul> <p>In Federal Parliament:</p> <ul style="list-style-type: none"> <li>• Labor introduced a <a href="#">Bill in the Senate</a> to reduce the political donation disclosure threshold to \$1,000.</li> <li>• Labor also introduced a <a href="#">Bill in the Senate</a> to require disclosure of political donations to the AEC within seven days of receipt.</li> </ul>
Piers Mitchem Greens	<a href="#">Get Coal and Gas Money Out of Politics</a> (page 2) The Greens will ban all political donations from the fossil fuel sector ... Cracking down on donations from coal and gas corporations and other dirty industries will benefit our whole community by improving our confidence in government.  The disproportionate influence of political donors on government decisions has stopped Australia from taking strong action to address the climate crisis, respect First Nations communities, or strengthen environmental laws.  To curb this influence, the Greens will ban all political donations from the mining, development, tobacco, alcohol, gambling, banking, defence and pharmaceutical industries.

<b>Candidate</b>	<b>Extracts from policies</b>
	<p>The Greens will also cap all other donations at \$1,000 per year, require timely disclosure of donations, introduce truth in political advertising laws, and limit the amount that political parties and associated entities can spend on elections to prevent well-resourced parties and lobby groups skewing election outcomes by out-spending minor parties and not-for-profit advocacy groups.</p> <p>These policies will help to ensure that elections are more democratic and representative and that elected governments will work for the people, not the highest bidder.</p> <p>See also <a href="#">Cleaning Up Politics, Reviving Democracy</a> (page 3)</p> <p><a href="#">Constitutional Reform and Democracy</a> (webpage, dated November 2020)</p> <p>The Australian Greens want: Electoral funding reform that provides for:</p> <ul style="list-style-type: none"> <li>• public funding of political parties and candidates for election campaigns and for the administration of political parties, to be set at a level that ensures proper democratic participation by voters and reduces corporate influence on political decisions;</li> <li>• bans on political donations from for-profit corporations;</li> <li>• caps on individual political donations (excluding bequests) and donations from not-for-profit organisations;</li> <li>• caps on electoral expenditure by parties and candidates and strict limits on third party expenditure and</li> <li>• continuous, comprehensive public disclosure of political donations and funding on a public website.</li> </ul>
<p>Rachael Nehmer Animal Justice</p>	<p><a href="#">Position: Democracy</a></p> <p>The AJP believes that urgent reform is needed to improve our electoral processes around the country, by evening out the playing field and removing the influence of money. The AJP supports real-time disclosure of campaign donations and expenditure in a bid to increase transparency and public accountability. Donations should be capped at an annual limit within the reach of ordinary Australians, to reduce reliance on larger, perhaps more influential donors. Parties and candidates should also be limited by how much money they can spend on campaigning, preventing Palmer-style advertising sprees that drown out other voices.</p>
<p>Monique Ryan</p>	<p><a href="#">Policy Priorities</a> (webpage)</p> <p>We can restore faith in our democracy. We need to keep our politicians honest and accountable and stop rorts, pork-barrelling and corruption. My priorities are:</p> <ul style="list-style-type: none"> <li>• Root and branch reform of political campaign funding</li> </ul> <p><a href="#">Frequently Asked Questions</a> (webpage)</p> <p>How can we restore integrity in politics? Will the establishment of a federal anti-corruption commission be sufficient to do the job?</p> <p>The establishment of an anti-corruption body is only a partial solution to restoring integrity: Australia's system of political donations and campaign finance also needs root and branch reform.</p> <p>Australia's lax federal donation laws have had a corrupting influence on politics and must be reformed in order to ensure a well functioning democracy that acts on expert advice and the wishes of the people rather than vested interests.</p> <p>Donation reform is an important part of restoring integrity to parliament, but only one piece</p>

<b>Candidate</b>	<b><i>Extracts from policies</i></b>
	<p>of the campaign finance picture.</p> <p>Members of Parliament receive significant benefits such as paid staff and a generous communications budget, all funded from the public purse. At election time, these benefits give MPs a huge advantage over other candidates. Governments also regularly spend public funds on large advertising campaigns that help shape opinion to the government's electoral advantage. On top of this, public election funding arrangements provide established political parties with advantages over independent politicians.</p> <p>I support lowering the disclosure threshold on donations, real-time reporting and caps on donations and expenditure, but without root-and-branch campaign finance reform (which must include government funded staffing, advertising and electoral funding) partial reform risks entrenching incumbency and further weakening our fragile democracy.</p>
Alexandra Thom Liberal Democrat	<p><a href="#">Freedom Manifesto</a> (webpage)</p> <p>No reference to political donations law reform here or elsewhere on the website.</p>