



Energy efficiency and renewable energy

Corporate action

1.1 Offset corporate greenhouse gas emissions to meet Council's carbon neutrality commitment.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.4 and supports the target of Council being net carbon neutral by 2022.

1.2 Install additional solar PV on five-eight buildings and conduct audit of remaining building portfolio to identify future PV sites.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.2 and supports the target to install 1MW additional solar PV on Council buildings by 2030.

1.3 Implement outstanding actions from audits completed prior to 2022.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.5 and supports the target of 90% Council actual emission reduction by 2030.

1.4 Undertake audits of four-six Council buildings to identify least cost of abatement energy efficiency upgrades (excluding buildings that have undergone recent renewal).

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.6 and supports the target of 90% Council actual emission reduction by 2030.

1.5 Purchase electric small plant and equipment such as chainsaws and blowers.

Time frame: 21/22

Climate action plan linkage: This aligns with action 1.8 and supports the target of 90% Council actual emission reduction by 2030.

1.6 Implement electric upgrades at four sites (natural gas disconnection).

Time frame: 22/23

Climate action plan linkage: This aligns with action 1.3 and supports the target of a 50% reduction in the number of Council buildings using gas by 2030.

1.7 Purchase green electricity for Council's small sites (approximately 20% of electricity used by Council).

Time frame: 21/22

Climate action plan linkage: This action supports the target of 90% Council actual emission reduction by 2030.

1.8 Continue replacing residential streetlights with efficient globes and technology. Over 7000 lights have already been upgraded.

Time frame: Ongoing

Climate action plan linkage: This action supports the target of 90% Council actual emission reduction by 2030.

1.9 Purchase 100% renewable energy for Council's main buildings and streetlights via a Power Purchase Agreement. Since July 2020, approximately 80% of Council used electricity is generated at a Victorian wind farm.

Time frame: Ongoing

Climate action plan linkage: This action supports the target of 90% Council actual emission reduction by 2030.

1.10 Update major road streetlight feasibility study and seek State Government funding to implement.

Time frame: 21/22

Climate action plan linkage: This aligns with action 1.7 and supports the target of 90% Council actual emission reduction by 2030.

Partnership action

1.11 Implement a solar PV bulk buy program for homes and businesses. Subject to feasibility, program will include additional products such as batteries and heat pumps.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.9 and supports the target of 50,000kW additional solar PV (currently 27,000 kW) on buildings in the community by 2030.

1.12 Develop and deliver a home and business energy audit program.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.9 and supports the target of 50,000kW additional solar PV (currently 27,000 kW) on buildings in the community by 2030.

1.13 Provide sustainability resources for loan via the Boroondara Libraries. Items including:

- **Power monitors for electricity audits**
- **Simple thermal cameras to identify 'leaky' buildings.**

Time frame: Ongoing

Climate action plan linkage: This aligns with action 1.12 and supports the target of 60% community emissions reduction by 2030.

1.14 Provide increased support for community leadership on climate action.

Time frame: 21/22 22/23

Climate action plan linkage: This aligns with action 1.12 and supports the target of 60% community emissions reduction by 2030.

Policy and advocacy action

1.15 Develop a natural gas transition plan for Council buildings with a focus on high emission sites including aquatic centres (subject to initial feasibility and analysis).

Time frame: 21/22

Climate action plan linkage: This supports target of a 50% reduction in the number of Council buildings using gas by 2030.