



PUBLIC DISCLOSURE STATEMENT

NETTZERO PTY LTD

ORGANISATION

FY2021-22


Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



| | |
|--------------------------|--|
| NAME OF CERTIFIED ENTITY | NettZero Pty Ltd |
| REPORTING PERIOD | 1 July 2021 – 30 June 2022 Arrears Report |
| DECLARATION | <p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p>  <p>Matthew Greening Principal Director NettZero Pty Ltd 14th September 2023</p> |



Australian Government
Department of Climate Change, Energy,
the Environment and Water

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Version March 2022.



1.CERTIFICATION SUMMARY

| | |
|------------------------|---|
| TOTAL EMISSIONS OFFSET | 50 tCO ₂ -e |
| OFFSETS BOUGHT | ACCU _s 46% VCU _s 54% |
| RENEWABLE ELECTRICITY | 169% Renewables using Market based method. |
| TECHNICAL ASSESSMENT | Next technical assessment due: Not required <i>Small Organisation declaration provided</i> |
| THIRD PARTY VALIDATION | Type 1 Date 16/03/2023 Madeleine Rymill Pangolin Associates |

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2. CARBON NEUTRAL INFORMATION

Description of certification

This certification covers the business operations of NettZero Pty Ltd Australia, ABN 52 127 569 340..

This certification includes the following facilities and offices:

- L6, 46 Market Street, Sydney, NSW 2000
- Unit 8, 121 Newmarket Road, Newmarket, QLD 4051

This inventory has been prepared for the financial year from 01 July 2021 to 30 June 2022

The organization is classed as a small organization.

All calculation methods used in collecting data, calculating emissions and preparing the carbon account are adhering to the following standards:

- Climate Active Standard for Organizations
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

“At NettZero, we understand that sustainability and carbon neutrality are essential for a prosperous future. We are aware that climate change is a global phenomenon, with the potential to cause significant economic, social, and environmental damage. By becoming carbon neutral, we aim to help reduce our contributions to climate change, while also bringing positive co-benefits, such as improved public health, better air quality, and increased biodiversity.

We also believe that sustainability and carbon neutrality are essential for the long-term success of our business. By being carbon neutral, we can ensure that our operations are aligned with the sustainable development goals set out by the United Nations. This will enable us to remain competitive and grow our business, while also making a positive contribution to the environment. We are committed to the reduction of our carbon footprint and the development of a carbon neutral business.”

Organisation description

NettZero is a leading provider of built environment and sustainability services, with experienced engineers operating across Australia. Established in 2008, NettZero has had a long-standing history in providing clients with exceptional knowledge and expertise on NABERS assessments and sustainability initiatives, empowering them to make well-informed decisions concerning sustainability ambitions and sustainable development goals. In addition to the above, NettZero also offers consultancy-based services for organizations to fulfil their ESG commitments by providing decarbonization plans as well as emissions benchmarking and carbon footprint calculations. Our dedicated team of engineers specialize in improving environmental performance of commercial property assets, from energy and water auditing, decarbonisation plans and indoor air quality assessment.

NettZero is a 100% Australian owned and operated sustainability consultancy which caters to a wide variety of sustainability demands within the general business community and the built environment sector. Our services go above and beyond, giving stakeholders and organisations the opportunity to engage with the right people, at the right time, with the right information to meet their sustainability goals.

Our mission is to make a positive impact on the existing commercial building sector, their tenants, and the broader business community by assisting them to effectively measure, manage, and reduce their energy and water consumption as well as their carbon footprint as a whole.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

Inside the emissions boundary

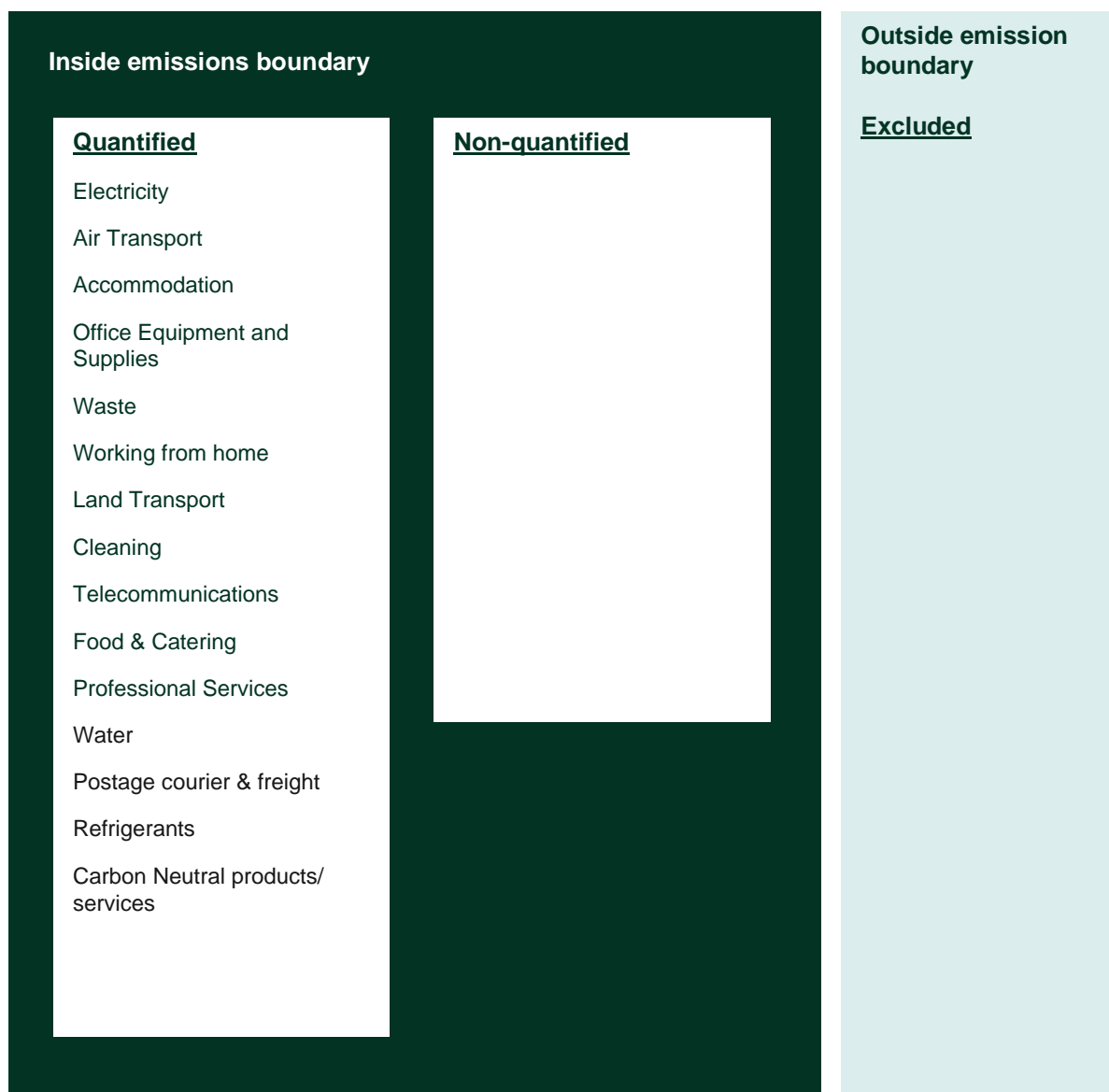
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however, are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.



Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

NettZero is committed to reducing their emissions over the next 10 years. The incentive to rate their organization as Carbon Neutral is one of the many steps undertaken by NettZero to place an emissions benchmark on themselves, and to work towards reducing those emissions year on year.

Public Statement

Initiatives

NettZero is a growing consulting business with a relatively small carbon footprint as we have focused on minimising our emissions since our first day of operations in 2008. Our current total emissions are 50 tonnes (with uplift), however with an attitude of continuous improvement we have identified several initiatives that can be implemented at our office locations and some changes to our business procedures that will help reduce our emissions. As such, we make the following commitment:

NettZero commits to further reducing our GHG emissions by 20% from our FY2021/22 Benchmark year by 2032. This represents a straight 2% reduction each year for 10 years.

Our reductions will include scope 2 emissions from energy as well as scope 3 emissions from both energy and waste.

The following initiatives are to be developed and implemented at each office location.

Engaging with our landlords and their waste contractors to obtain actual bin weights so accurate waste data can be obtained. This will lead to a reduction in emissions for our waste as we had to allocate full default bin size amounts in the carbon inventory in our benchmark year.

Installing LED lighting in our Brisbane office.

Minimising air travel where possible.

Targets and Missions:

By June 2024: Conduct a lighting upgrade by installing LED lighting in the Brisbane Office (Scope 2 emissions)

By June 2024: Engage with our Landlords so we can obtain actual waste data for the general waste streams and keep an inventory of recyclables, co-mingled and general waste (Scope 3 emissions)

June 2025 - Encourage staff to use re-usable cups and cutlery

By June 2025: Reduce reliance on private transport (Scope 1 emissions), set up office travel cards for public transport and minimise dependence on private transport

July 2026: Car rentals – Commit to using hybrid cars/ electric vehicles where available (Scope 1

emissions)

June 2026: Consolidate client site visits and meetings to reduce air travel. Expand the use video conferencing for all Client meetings and internal meeting (Scope 1 and 3)

June 2026: Procure electronic tablets and commit to a paperless office to minimise printing and paper waste (Scope 3)

June 2024-32: Implement a plan to monitor water consumption by staff members.

June 2023 – 32: Improve on our existing good operational practices such as encouraging use of public transport/ cycling to work to reduce Scope 1 and 3 emissions.

June 2023 – 32: Source sustainable food items for catering events (Scope 3)

June 2023 – 32: Reuse packaging when sending off office equipment for maintenance (Scope 3)

June 2023 – 32: NettZero is developing a custom software solution that optimises site visits based on staff availability, air travel distances, and skill requirements that has a range of environmental benefits. By reducing the need for long-distance air travel, the program cuts down on businesses' carbon emissions. This helps to protect the environment from the pollutants created by aircraft engines and reduces the effects of climate change. Additionally, it reduces the strain on airports and air traffic control systems which can be overtaxed during peak periods.

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

| Certified brand name | Product or Service used |
|----------------------|-------------------------|
| N/A | |

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

| Emission category | Sum of Scope 1 (tCO ₂ -e) | Sum of Scope 2 (tCO ₂ -e) | Sum of Scope 3 (tCO ₂ -e) | Sum of total emissions (tCO ₂ -e) |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| Accommodation and facilities | 0 | 0 | 5.74 | 5.74 |
| Carbon Neutral Products and Services | 0 | 0 | 0 | 0 |
| Cleaning and Chemicals | 0 | 0 | 0.36 | 0.36 |
| Electricity | 0 | 0 | 0 | 0 |
| Food | 0 | 0 | 1.56 | 1.56 |
| ICT services and equipment | 0 | 0 | 2.21 | 2.21 |
| Office equipment & supplies | 0 | 0 | 8.61 | 8.61 |
| Postage, courier & Freight | 0 | 0 | 0 | 0 |
| Professional Services | 0 | 0 | 0.65 | 0.65 |
| Refrigerants | 0 | 0 | 0 | 0 |
| Transport (Air) | 0 | 0 | 12.34 | 12.34 |
| Transport (Land and Sea) | 1.20 | 0 | 3.04 | 4.24 |
| Waste | 0 | 0 | 10.96 | 10.96 |
| Water | 0 | 0 | 0 | 0 |
| Working from home | 0 | 0 | 0.49 | 0.49 |
| Total | 1.20 | 0 | 45.96 | 47.16 |

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

| Reason for uplift factor | tCO ₂ -e |
|---|---------------------|
| e.g.. compulsory additional 5% of the total to be added for small organisations | 2.358 |
| Total of all uplift factors | 2.358 |
| Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i> | 49.52 |

6.CARBON OFFSETS

Offsets retirement approach

In arrears

| | |
|---|-----------|
| 1. Total emissions footprint to offset for this report | 50 Tonnes |
| 2. Total eligible offsets purchased and retired for this report | 50 |
| 3. Total eligible offsets banked to use toward next year's report | 0 |

Co-benefits

Ningxia Xiangshan Wind farm Project (hereafter referred to as the Project) is located in Zhongwei City, Ningxia Hui Autonomous Region, People's Republic of China.

The project owner is Ningxia Zhongwei Aluminum New Energy Co., Ltd. The project started construction on 01/11/2016 and starts commercial operation on 15/04/2017 and fully operation on 20/07/2017.

The proposed project has a total installed capacity of 397.5MW consisting of 265 wind turbines with unit capacity of 1,500kW. The expected annual power delivered to the grid is 948,633.8 MWh. The power generated will be delivered to the Northwest Power Grid (NWPG) via Ningxia Power Grid.

The proposed project will contribute to sustainable development mainly by:

Reducing the emission of CO₂ and other pollutants compared with fuel-fired power plants.

Creating local employment opportunities during the construction (more than 200 people) and operation (200 people) of the proposed project and improving the living standard of local people.

With the help of the road, which was constructed due to the proposed project, agriculture and other products could be transported from the mountains of Xiangshan to city by Local farmers. It can reduce



poverty, which is very important to Ningxia, a poverty-stricken region.

The implementation of the proposed project will help to change the energy structure and thereby contribute to the development of the local economy.

North Kimberley Pastoral Lease Carbon Abatement

The North Kimberley Pastoral Lease Carbon Abatement is a partnership between the Kimberley Land Council and Wunambal Gaambera, Balanggarra, Wilinggin and Dambimangari Native Title corporations that represent the Traditional Owners responsible for looking after and managing the country in the far North West Kimberley.

Native Title holders have undertaken the project to provide a sustainable means of looking after the natural and cultural values of their country while achieving real progress towards the objectives of economic independence and improving livelihoods.

The project involves Indigenous rangers conducting strategic burns on the country in the early dry season, in order to avoid and control big late season wildfires. By reducing greenhouse gas emissions, Native Title holders have been able to generate carbon credits from their native title lands.

The fire project enables Indigenous rangers and cultural elders to spend more time on country, take care of important cultural sites, share traditional knowledge across generations and complement the work undertaken on Indigenous Protected Areas. This project has already successfully abated over 400,000 tonnes of carbon dioxide equivalent.

Indigenous fire management presents a win-win opportunity for Traditional Owners, government and businesses as it reduces carbon emissions, delivers positive healthy country outcomes and supports the development of sustainable business opportunities in remote Indigenous communities.

Eligible offsets retirement summary

| Offsets cancelled for Climate Active Carbon Neutral Certification | | | | | | | | | | | |
|---|----------------------|---|--------------|---|---------|------------------|---|---|---|--|-------------------------|
| Project description | Type of offset units | Registry | Date retired | Serial number (and hyperlink to registry transaction record) | Vintage | Stapled quantity | Eligible quantity (tCO ₂ -e) | Eligible quantity used for previous reporting periods | Eligible quantity banked for future reporting periods | Eligible quantity used for this reporting period | Percentage of total (%) |
| Ningxia Xiangshan Wind Farm Project | VCU | Verra | 24 Apr 2023 | 14760-627220930-627220952-VCS-VCU-997-VER-CN-1-1867-01012022-31082022-0 | 2022 | | 23 | 0 | 0 | 23 | 46% |
| Ningxia Xiangshan Wind Farm Project | VCU | Verra | 02 May 2023 | 14760-627221478-627221481-VCS-VCU-997-VER-CN-1-1867-01012022-31082022-0 | 2022 | | 4 | 0 | 0 | 4 | 8% |
| North Kimberley Pastoral Lease Carbon Abatement | KACCU | ANREU | 03 May 2023 | 8,343,230,162 – 8,343,230,184 | 2021-22 | | 23 | 0 | 0 | 23 | 46% |
| Total offsets retired this report and used in this report | | | | | | | | | | 50 | |
| Total offsets retired this report and banked for future reports | | | | | | | | | | 0 | |
| Type of offset units | | Quantity (used for this reporting period claim) | | | | | Percentage of total | | | | |
| Australian Carbon Credit Units (ACCUs) | | 23 | | | | | 46% | | | | |
| Verified Carbon Units (VCUs) | | 26 | | | | | 54% | | | | |

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

| | |
|---|-----|
| 1. Large-scale Generation certificates (LGCs)* | 9 |
| 2. Other RECs | N/A |

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

| Project supported by LGC purchase | Eligible units | Registry | Surrender date | Accreditation code (LGCs) | Certificate serial number | Generation year | Quantity (MWh) | Fuel source | Location |
|---|----------------|------------------------|----------------|---------------------------|---------------------------|-----------------|----------------|-------------|----------------|
| Glenrowan West Solar Farm - Solar - VIC | LGC | Clean Energy Regulator | 28 Apr 2023 | SRPVVCY1 | 201528-201536 | 2022 | 9 | Solar | Vic, Australia |
| Total LGCs surrendered this report and used in this report | | | | | | | 9 | | |

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

| Market Based Approach Summary | | | |
|--|---------------------|---------------------------------|-------------------------------|
| Market Based Approach | Activity Data (kWh) | Emissions (kgCO ₂ e) | Renewable Percentage of total |
| Behind the meter consumption of electricity generated | 0 | 0 | 0% |
| Total non-grid electricity | 0 | 0 | 0% |
| LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs) | 9,000 | 0 | 134% |
| GreenPower | 1,123 | 0 | 17% |
| Jurisdictional renewables (LGCs retired) | 0 | 0 | 0% |
| Jurisdictional renewables (LRET) (applied to ACT grid electricity) | 0 | 0 | 0% |
| Large Scale Renewable Energy Target (applied to grid electricity only) | 1,248 | 0 | 19% |
| Residual Electricity | -4,658 | -4,634 | -69% |
| Total grid electricity | 6,713 | -4,634 | 100% |
| Total Electricity Consumed (grid + non grid) | 6,713 | -4,634 | 169% |
| Electricity renewables | 11,371 | 0 | |
| Residual Electricity | -4,658 | -4,634 | |
| Exported on-site generated electricity | 0 | 0 | |
| Emissions (kgCO ₂ e) | | 0 | |
| | | | |
| Total renewables (grid and non-grid) | 169.39% | | |
| Mandatory | 18.59% | | |
| Voluntary | 150.80% | | |
| Behind the meter | 0.00% | | |

| | |
|--|----------|
| Residual Electricity Emission Footprint (TCO2e) | 0 |
|--|----------|

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

| Location Based Approach | Activity Data (kWh) | Scope 2 Emissions (kgCO2e) | Scope 3 Emissions (kgCO2e) |
|--|---------------------|----------------------------|----------------------------|
| ACT | 0 | 0 | 0 |
| NSW | 1,123 | 876 | 79 |
| SA | 0 | 0 | 0 |
| Vic | 0 | 0 | 0 |
| Qld | 8,626 | 6,901 | 1,035 |
| NT | 0 | 0 | 0 |
| WA | 0 | 0 | 0 |
| Tas | 0 | 0 | 0 |
| Grid electricity (scope 2 and 3) | 9,749 | 7,777 | 1,114 |
| ACT | 0 | 0 | 0 |
| NSW | 0 | 0 | 0 |
| SA | 0 | 0 | 0 |
| Vic | 0 | 0 | 0 |
| Qld | 0 | 0 | 0 |
| NT | 0 | 0 | 0 |
| WA | 0 | 0 | 0 |
| Tas | 0 | 0 | 0 |
| Non-grid electricity (Behind the meter) | 0 | 0 | 0 |
| Total Electricity Consumed | 9,749 | 7,777 | 1,114 |

| | |
|-----------------------------------|----------|
| Emission Footprint (TCO2e) | 9 |
| <i>Scope 2 Emissions (TCO2e)</i> | 8 |
| <i>Scope 3 Emissions (TCO2e)</i> | 1 |

Climate Active Carbon Neutral Electricity summary

| Carbon Neutral electricity offset by Climate Active Product | Activity Data (kWh) | Emissions (kgCO2e) |
|---|---------------------|--------------------|
| N/A | 0 | 0 |

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

| Relevant-non-quantified emission sources | (1) Immaterial | (2) Cost effective (but uplift applied) | (3) Data unavailable (but uplift applied & data plan in place) | (4) Maintenance |
|--|----------------|---|--|-----------------|
| Water | Yes | | | |
| Refrigerants | Yes | | | |
| Courier/ Freight | Yes | | | |
| Carbon Neutral Products | Yes | | | |

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

| Emission sources tested for relevance | (1) Size | (2) Influence | (3) Risk | (4) Stakeholders | (5) Outsourcing | Included in boundary? |
|---------------------------------------|-------------|------------------|-------------|---------------------|--------------------|-----------------------|
| N/A | | | | | | |



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