



# **PUBLIC DISCLOSURE STATEMENT**

**AUSTRALIAN ESSENTIAL SERVICES GROUP**

**ORGANISATION CERTIFICATION**

**CY2023**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



|                          |   |
|--------------------------|---|
| NAME OF CERTIFIED ENTITY | Australian Essential Services Group   |
| REPORTING PERIOD         | 1 January 2023 – 31 December 2023<br>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><i>Jane Rosham</i></p> <hr/> <p>Jane Rosham<br/>         General Manager<br/>         01 August 2024</p> |



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

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Version August 2023.



# 1. CERTIFICATION SUMMARY

|                        |   |
|------------------------|---|
| TOTAL EMISSIONS OFFSET | 261 tCO <sub>2</sub> -e   |
| CARBON OFFSETS USED    | 43% ACCUs; 57% VCUs   |
| RENEWABLE ELECTRICITY  | 18.96%  |
| CARBON ACCOUNT         | Prepared by: Pangolin Associates Ltd  |
| TECHNICAL ASSESSMENT   | Date: 24/07/2024<br>Organisation – Pangolin Associates Pty Ltd<br>Next technical assessment due: CY2026 |

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## 2. CERTIFICATION INFORMATION

### Description of organisation certification

This organisation certification is for the business operations of Australian Essential Services Group Pty Ltd (AESG), ABN 15 096 873 004. The services provided by AESG are not included as part of this certification.

The organisational boundary included the following locations and facilities:

- Head Office, located at Level 1, 77 Upper Heidelberg Road, Ivanhoe Victoria 3079
- Field Inspectors who operate throughout Victoria, NSW, SA, Queensland, WA, ACT, NT, and Tasmania

This Public Disclosure Statement includes information for CY2023 reporting period.

### Organisation description

Australian Essential Services Group is a national independent auditor providing fire safety services. Our specialized audits review the maintenance and compliance of fire equipment, building essential safety measures and building health and safety. Our services extend to compliance consultation for properties under Building Notice Orders, providing insurance reports, in-depth investigation, and management of combustible cladding works, as well as fire door tagging and compliance, evacuation diagrams, slip testing and ten-year maintenance plans.

Our long-standing relationships with our clients extend back to our establishment in 1996 and we now provide services to more than 800 organisations across Australia. We provide our auditing and safety measures services to owners' corporations, property management, aged care, health services, government and semi-government organisations, industrial, retail, and commercial clients.

AESG has auditors located in metropolitan Melbourne and throughout regional Victoria, Sydney and regional New South Wales, Brisbane, Adelaide, Perth, Darwin and in Tasmania. We are committed to supporting regional communities through local employment.

Our operations are based in Melbourne, where our team coordinates the completion and delivery of more than 25,000 inspections and real-time reports each year. Our Quality Management System has been certified with ISO 9001 (2015) accreditation.

## 3.EMISSIONS BOUNDARY

### 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.

## Inside emissions boundary

### Quantified

Accommodation and facilities  
Cleaning and chemicals  
Climate Active carbon neutral products and services  
Construction materials and services  
Electricity  
Food  
ICT services and equipment  
Machinery and vehicles  
Postage, courier and freight  
Products  
Professional services  
Transport (air)  
Transport (land and sea)  
Waste  
Water  
Office equipment and supplies

### Non-quantified

Refrigerants

### Optionally included

N/A

## Outside emission boundary

### Excluded

N/A

# 4. EMISSIONS REDUCTIONS

## Emissions reduction strategy

Australian Essential Services Group's emission reduction strategy involves:

- **General Measures**
  - Measuring and reporting on our energy consumption and carbon footprint
  - Acting on opportunities to reduce our emissions by improving operational efficiencies.
- **Scope 1 emissions will be reduced by:**
  - Embracing technologies such as hybrid motor vehicles
    - We aim to have a fleet of hybrid vehicles by the end of 2024.
    - We aim to have a fleet of electric vehicles by the end of 2025.
  - This initiative is expected to reduce our footprint by approximately 70 t CO<sub>2</sub>e (~32% of the total 2021 footprint) by the end of 2030.
- **Scope 2 emissions will be reduced by:**
  - Transitioning to 100% renewable electricity.
  - This initiative is expected to reduce our footprint by approximately 26.8 t CO<sub>2</sub>e by the end of 2030.
- **Scope 3 emissions will be reduced by:**
  - Investing in technological innovations to reduce our resource consumption.
  - Continuing to employ locally, to both support regional communities and reduce our travel footprint and significantly reduce air travel.
  - Being as close as possible to being a "paperless office" and using carbon neutral paper when we need to print.
  - Reducing waste, and recycling wherever possible.
  - Encouraging our suppliers to reduce carbon impacts in our supply chain.
  - Educating and engaging our team to reduce work-related emissions;

Based on the above initiatives, Australian Essential Services Group commits to a 65% emissions intensity reduction across all scopes 1, 2 and 3 from a base year (CY2021) of 5.9 tCO<sub>2</sub>-e per FTE by 2030 as shown below.

|   | 2024  | 2025  | 2026  | 2027  | 2028  | 2029  | 2030  |
|---|-------|-------|-------|-------|-------|-------|-------|
| AESG Emission Reduction Target (Relative to 2021) | 35.0% | 40.0% | 45.0% | 50.0% | 55.0% | 60.0% | 65.0% |

Australian Essential Services Group will continue to offset our residual annual carbon emissions to achieve carbon neutrality by purchasing offsets that meet the requirements of Climate Active.

## Emissions reduction actions

- Purchased 3 hybrid vehicles.
- Commenced purchasing Carbon Neutral electricity from Energy Australia.
- Changed lights in the office to energy saving/efficient globes.
- Changed our technology/computer hardware to more energy efficient and power saving options during 2023.
- We relocated to a workspace/environment that we own outright, giving us greater control for a greater reduction strategy. We will not have limitations arising from use of leased workspace.
- All general office waste is sorted and recycled - mobile devices are returned for recycling. AESG has engaged a commercial recycling service for papers and cardboard; we have a paid recycling service for glass; we sort hard and soft plastics and return them to appropriate recycle depots.



## 5. EMISSIONS SUMMARY

### Emissions over time

| Emissions since base year |   |  |
|---------------------------|---|--|
|                           | Total tCO <sub>2</sub> -e<br>(without uplift) | Total tCO <sub>2</sub> -e<br>(with uplift) |
| Base year: 2020           | 193.8   | N/A  |
| Year 1: 2021              | 219.7   | N/A  |
| Year 2: 2022              | 184.1   | N/A  |
| Year 3: 2023              | 260.2   | N/A  |

### Significant changes in emissions

| Significant changes in emissions               |  |   |  |
|--|--|---|--|
| Emission source                                | Previous year<br>emissions<br>(t CO <sub>2</sub> -e) | Current year<br>emissions<br>(t CO <sub>2</sub> -e) | Reason for change  |
| Technical services                             | 1.36   | 36.65   | The main difference in emissions is due to the procurement of professional services in CY2023 that were not present in CY2022. This includes accounting services, banking services, property services, insurance services, among others. |
| Short economy class flights (>400km, ≤3,700km) | 12.17  | 33.62   | The increase was attributed to the rise in short flights taken in CY2023 compared to CY2022, driven by an increased need for business-related travel.  |
| Consulting services                            | -  | 44.41   | Similar to technical services, three different consultancy services were procured in CY2023 to meet new business needs that did not exist in the previous year.  |

### Use of Climate Active carbon neutral products, services, buildings or precincts

| Certified brand name | Product/Service/Building/Precinct used |
|----------------------|--|
| Energy Australia     | Electricity                            |

## Emissions summary

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

| Emission category                                   | Scope 1 emissions (tCO <sub>2</sub> -e) | Scope 2 emissions (tCO <sub>2</sub> -e) | Scope 3 emissions (tCO <sub>2</sub> -e) | Total emissions (t CO <sub>2</sub> -e) |
|---|---|---|---|--|
| Accommodation and facilities                        | 0.00                                    | 0.00                                    | 5.61                                    | 5.61                                   |
| Cleaning and chemicals                              | 0.00                                    | 0.00                                    | 0.55                                    | 0.55                                   |
| Climate Active carbon neutral products and services | 0.00                                    | 0.00                                    | 0.00                                    | 0.00                                   |
| Construction materials and services                 | 0.00                                    | 0.00                                    | 5.76                                    | 5.76                                   |
| Electricity   | 0.00                                    | 5.88                                    | 8.99                                    | 14.87                                  |
| Food  | 0.00                                    | 0.00                                    | 5.79                                    | 5.79                                   |
| ICT services and equipment                          | 0.00                                    | 0.00                                    | 15.92                                   | 15.92                                  |
| Machinery and vehicles                              | 0.00                                    | 0.00                                    | 1.18                                    | 1.18                                   |
| Postage, courier and freight                        | 0.00                                    | 0.00                                    | 0.20                                    | 0.20                                   |
| Products  | 0.00                                    | 0.00                                    | 0.47                                    | 0.47                                   |
| Professional services                               | 0.00                                    | 0.00                                    | 114.37                                  | 114.37                                 |
| Transport (air)                                     | 0.00                                    | 0.00                                    | 33.62                                   | 33.62                                  |
| Transport (land and sea)                            | 31.97                                   | 0.00                                    | 25.19                                   | 57.17                                  |
| Waste   | 0.00                                    | 0.00                                    | 1.57                                    | 1.57                                   |
| Water   | 0.00                                    | 0.00                                    | 0.07                                    | 0.07                                   |
| Office equipment and supplies                       | 0.00                                    | 0.00                                    | 3.10                                    | 3.10                                   |
| <b>Total emissions (tCO<sub>2</sub>-e)</b>          | <b>31.97</b>                            | <b>5.88</b>                             | <b>222.39</b>                           | <b>260.24</b>                          |

## Uplift factors

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

| Reason for uplift factor  | tCO <sub>2</sub> -e |
|---|---------------------|
| N/A   |                     |
| Total of all uplift factors (tCO <sub>2</sub> -e)   | 0                   |
| <b>Total emissions footprint to offset (tCO<sub>2</sub>-e)</b><br><i>(total emissions from summary table + total of all uplift factors)</i> | <b>260.24</b>       |

## 6. CARBON OFFSETS

### Eligible offsets retirement summary

#### Offsets retired for Climate Active certification

| Type of offset units                   | Eligible quantity (used for this reporting period) | Percentage of total |
|--|--|---------------------|
| Australian Carbon Credit Units (ACCUs) | 112  | 43%                 |
| Verified Carbon Units (VCUs)           | 149  | 57%                 |

| Project description  | Type of offset units            | Registry | Date retired | Serial number (and hyperlink to registry transaction record)   | Vintage | Stapled quantity | Eligible quantity retired (tCO <sub>2</sub> -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 (%) |
|--|---------------------------------|----------|--------------|--|---------|------------------|---|---|---|--|-------------------------|
| The Karantijpa North Savanna Burning Project   | ACCU                            | ANREU    | 2 Nov 2023   | 8,333,301,655 – 8,333,301,754  | 2021-22 | 0                | 100   | 93  | 0   | 7  | 3%                      |
| Anhui Guzhen Biomass Project in China stapled to Orana Natural Capital Project         | VCU<br><br>Natural Capital Unit | Verra    | 25 Oct 2023  | <a href="#">11775-356401225-356401424-VCS-VCU-1317-VER-CN-1-1121-01012019-31122019-0</a><br><br>25787- 25986 | 2019    | 200              | 200   | 51  | 0   | 149  | 57%                     |
| Jawoyn Fire 2 Project  | ACCU                            | ANREU    | 15 Aug 2024  | 8,330,523,440 - 8,330.523.544  | 2021-22 | 0                | 105   | 0   | 0   | 105  | 40%                     |
| <b>Total eligible offsets retired and used for this report</b>                         |                                 |          |              |  |         |                  |   |   |   | <b>261</b>                                       |                         |
| <b>Total eligible offsets retired this report and banked for use in future reports</b> |                                 |          |              |  |         |                  |   |   | <b>0</b>  |  |                         |

## Co-benefits

### Jawoyn Fire 2

Jawoyn Fire 2 is Jawoyns largest project outside the ALFApartnership. It is carried out on traditional Jawoynland, now held as Aboriginal land Trust or as NT freehold. Jawoyn Rangers have been caring for country and incorporating customary values and culture with the latest in scientific practice since the late 1990s. Based in Katherine, the rangers manage 16,000 square kilometres of land including part of the West Arnhem Land plateau.

Jawoyn Rangers work includes land, fire and weed management, as well as cultural management of one of the world's largest and most significant bodies of rock art. They also work in collaboration with the Nitmiluk National Park rangers in managing fire and conducting rock art surveys in the park.

### Karantijpa North Savanna Burning project

This project involves strategic and planned burning of savanna areas in the low rainfall zone during the early dry season to reduce the risk of late dry season wild fires. The Central Land Council is helping the traditional owners of the Karantijpa North Aboriginal Land Trust, near Elliott in the Northern Territory, to develop their carbon business. The first such Aboriginal enterprise in its region, the engagement will carry out financially sustainable fire management that meets safety, cultural and environmental needs.

### Natural Capital Units – Orana Park

The Yuxian Baiyantuo 49.3 MW Wind Power Project credits are stapled with an Australian vegetation offset from Bendigo, Victoria (see project details on the following page). We have selected Orana Park, to reflect our company's Victorian heritage and large number of regional clients. The project is ambitious, encompassing regenerative farming, threatened species recovery and work into bio-links.

## 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.

|   |     |
|---|-----|
| <b>1. Large-scale Generation certificates (LGCs)*</b> | 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                                 | Project location | Eligible unit type | Registry | Surrender date | Accreditation code | Certificate serial number | Generation year | Fuel source | Quantity (MWh) |
|---|------------------|--------------------|----------|----------------|--------------------|---------------------------|-----------------|-------------|----------------|
| <b>Total LGCs surrendered this report and used in this report</b> |                  |                    |          |                |                    |                           |                 |             | <b>N/A</b>     |

# APPENDIX A: ADDITIONAL INFORMATION

The screenshot shows the ANREU website interface. The main content area displays 'Transaction Details' for AU30493, which is in a 'Completed (4)' status. The transaction type is 'Cancellation (4)'. The transferring account is AU-2798 (Aboriginal Carbon Fund Limited) and the acquiring account is AU-1068 (Australia Voluntary Cancellation Account). A table of transaction blocks shows one entry for party AU, type KACCU, transaction type 'Voluntary ACCU Cancellation', with an ERF Project ID of ERF101800 and a quantity of 100.

**Transaction ID** AU35301  
**Current Status** Completed (4)  
**Status Date** 15/08/2024 11:47:12 (AEST)  
 15/08/2024 01:47:12 (GMT)  
**Transaction Type** Cancellation (4)  
**Transaction Initiator** Listorti, Julian  
**Transaction Approver** Clear, Geoffrey  
**Comment** Retired on behalf of Australian Essential Services Group for CY2023 under Climate Active

**Transferring Account**  
**Account Number** AU-3048  
**Account Name** VIRIDIOS CAPITAL PTY LTD  
**Account Holder** VIRIDIOS CAPITAL PTY LTD

**Acquiring Account**  
**Account Number** AU-1068  
**Account Name** Australia Voluntary Cancellation Account  
**Account Holder** Commonwealth of Australia

**Transaction Blocks**

| Party | Type  | Transaction Type            | Original CP | Current CP | ERF Project ID            | NGER Facility ID | NGER Facility Name | Safeguard | Kyoto Project # | Vintage | Expiry Date | Serial Range                  | Quantity |
|-------|-------|-----------------------------|-------------|------------|---------------------------|------------------|--------------------|-----------|-----------------|---------|-------------|-------------------------------|----------|
| AU    | KACCU | Voluntary ACCU Cancellation |             |            | <a href="#">ERF102021</a> |                  |                    |           |                 | 2021-22 |             | 8,330,523,440 - 8,330,523,544 | 105      |

## APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the **market-based approach**.

## Market-based approach summary

| Market-based approach   | Activity Data (kWh) | Emissions (kg CO <sub>2</sub> -e) | Renewable percentage of total |
|---|---------------------|-----------------------------------|-------------------------------|
| Behind the meter consumption of electricity generated                       | 0                   | 0                                 | 0%                            |
| <b>Total non-grid electricity</b>   | <b>0</b>            | <b>0</b>                          | <b>0%</b>                     |
| LGC Purchased and retired (kWh) (including PPAs)                            | 0                   | 0                                 | 0%                            |
| GreenPower  | 0                   | 0                                 | 0%                            |
| Climate Active precinct/building (voluntary renewables)                     | 0                   | 0                                 | 0%                            |
| Precinct/Building (LRET)  | 0                   | 0                                 | 0%                            |
| Precinct/Building jurisdictional renewables (LGCS surrendered)              | 0                   | 0                                 | 0%                            |
| Electricity products (voluntary renewables)                                 | 0                   | 0                                 | 0%                            |
| Electricity products (LRET)   | 3,058               | 0                                 | 8%                            |
| Electricity products jurisdictional renewables (LGCs surrendered)           | 0                   | 0                                 | 0%                            |
| Jurisdictional renewables (LGCs surrendered)                                | 0                   | 0                                 | 0%                            |
| Jurisdictional renewables (LRET) (applied to ACT grid electricity)          | 0                   | 0                                 | 0%                            |
| Large Scale Renewable Energy Target (applied to grid electricity only)      | 3,823               | 0                                 | 11%                           |
| Residual Electricity  | 29,408              | 26,762                            | 0%                            |
| <b>Total renewable electricity (grid + non grid)</b>                        | <b>6,880</b>        | <b>0</b>                          | <b>19%</b>                    |
| <b>Total grid electricity</b>   | <b>36,289</b>       | <b>26,762</b>                     | <b>19%</b>                    |
| <b>Total electricity (grid + non grid)</b>                                  | <b>36,289</b>       | <b>26,762</b>                     | <b>19%</b>                    |
| Percentage of residual electricity consumption under operational control    | 44%                 |                                   |                               |
| <b>Residual electricity consumption under operational control</b>           | <b>13,069</b>       | <b>11,893</b>                     |                               |
| Scope 2   | 11,633              | 10,586                            |                               |
| Scope 3 (includes T&D emissions from consumption under operational control) | 1,436               | 1,307                             |                               |
| <b>Residual electricity consumption not under operational control</b>       | <b>16,339</b>       | <b>14,869</b>                     |                               |
| Scope 3   | 16,339              | 14,869                            |                               |

|  |        |
|--|--------|
| <b>Total renewables (grid and non-grid)</b>  | 18.96% |
| <b>Mandatory</b>   | 18.96% |
| <b>Voluntary</b>   | 0.00%  |
| <b>Behind the meter</b>  | 0.00%  |
| <b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>   | 10.59  |
| <b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>   | 16.18  |
| <b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b> | 5.88   |
| <b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b> | 8.99   |
| <b>Total emissions liability (t CO<sub>2</sub>-e)</b>  | 14.87  |

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



| Location-based approach summary                                      |                           |                           |  |  |                               |  |
|--|---------------------------|---------------------------|--|--|-------------------------------|--|
| Location-based approach  | Activity Data (kWh) total | Under operational control |  |  | Not under operational control |  |
| Percentage of grid electricity consumption under operational control | 44%                       | (kWh)                     | Scope 2 Emissions (kgCO <sub>2</sub> -e) | Scope 3 Emissions (kgCO <sub>2</sub> -e) | (kWh)                         | Scope 3 Emissions (kgCO <sub>2</sub> -e) |
| ACT  | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| NSW  | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| SA   | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| VIC  | 36,289                    | 16,127                    | 12,740                                   | 1,129                                    | 20,162                        | 17,339                                   |
| QLD  | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| NT   | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| WA   | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| TAS  | 0                         | 0                         | 0  | 0  | 0                             | 0  |
| <b>Grid electricity (scope 2 and 3)</b>                              | <b>36,289</b>             | <b>16,127</b>             | <b>12,740</b>                            | <b>1,129</b>                             | <b>20,162</b>                 | <b>17,339</b>                            |
| ACT  | 0                         | 0                         | 0  | 0  |                               |  |
| NSW  | 0                         | 0                         | 0  | 0  |                               |  |
| SA   | 0                         | 0                         | 0  | 0  |                               |  |
| VIC  | 0                         | 0                         | 0  | 0  |                               |  |
| QLD  | 0                         | 0                         | 0  | 0  |                               |  |
| NT   | 0                         | 0                         | 0  | 0  |                               |  |
| WA   | 0                         | 0                         | 0  | 0  |                               |  |
| TAS  | 0                         | 0                         | 0  | 0  |                               |  |
| <b>Non-grid electricity (behind the meter)</b>                       | <b>0</b>                  | <b>0</b>                  | <b>0</b>                                 | <b>0</b>                                 |                               |  |
| <b>Total electricity (grid + non grid)</b>                           | <b>36,289</b>             |                           |  |  |                               |  |

|   |              |
|---|--------------|
| Residual scope 2 emissions (t CO <sub>2</sub> -e)   | 12.74        |
| Residual scope 3 emissions (t CO <sub>2</sub> -e)   | 18.47        |
| Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e) | 7.08         |
| Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e) | 10.26        |
| <b>Total emissions liability</b>  | <b>17.34</b> |

### Operations in Climate Active buildings and precincts

| Operations in Climate Active buildings and precincts   | Electricity consumed in Climate Active certified building/precinct (kWh) | Emissions (kg CO <sub>2</sub> -e) |
|--|--|-----------------------------------|
| N/A  | 0  | 0                                 |
| <i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.</i> |  |                                   |

### Climate Active carbon neutral electricity products

| Climate Active carbon neutral electricity product used  | Electricity claimed from Climate Active electricity products (kWh) | Emissions (kg CO <sub>2</sub> -e) |
|---|--|-----------------------------------|
| Energy Australia  | 16,127   | 0                                 |
| <i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.</i> |  |                                   |

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

## Non-quantified emission sources

The following emissions sources 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 | Justification reason |
|--|----------------------|
| Refrigerants                             | Immaterial           |

## Data management plan for non-quantified sources

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

# APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

## Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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.

## Excluded emissions sources summary

| Emission sources tested for relevance | Size | Influence | Risk | Stakeholders | Outsourcing | Justification |
|---------------------------------------|------|-----------|------|--------------|-------------|---------------|
| N/A                                   |      |           |      |              |             |               |



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