



# **PUBLIC DISCLOSURE STATEMENT**

EVERGY PTY LTD

PRODUCT CERTIFICATION  
FY2022-23

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



NAME OF CERTIFIED ENTITY	Evergy Pty Ltd.
REPORTING PERIOD	financial year 1 July 2022 – 30 June 2023 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>Joseph Kinsella</i></p> <hr/> <p>Joseph Kinsella (Jul 9, 2024 13:32 GMT+10)</p> <hr/> <p>07/09/2024</p> <p>Joseph Kinsella CEO</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	6,103 tCO <sub>2</sub> -e
THE OFFSETS USED	2% ACCUs, 98% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	20/03/2023 Pangolin Associates Next technical assessment due: FY 2026

## Contents

1. Certification summary.....	3
2. Carbon neutral information.....	4
3. Emissions boundary.....	5
4. Emissions reductions.....	8
5. Emissions summary.....	9
6. Carbon offsets.....	11
7. Renewable Energy Certificate (REC) summary.....	13
Appendix A: Additional information.....	14
Appendix B: Electricity summary.....	15
Appendix C: Inside emissions boundary.....	18
Appendix D: Outside emission boundary.....	19

## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This public disclosure statement supports the carbon neutral product certification for the supply of electricity to customers by Evergy Pty Ltd. This includes the Life Cycle Assessment and quantification of Scope 1, 2 and 3 emissions boundaries.

Evergy is an embedded network operator and an authorised electricity retailer. As a subsidiary under the property development group 'Billbergia Group', Evergy was established to add value to end customers and to help facilitate long term sustainability initiatives of the overall group.

Evergy (ABN: 56 623 005 836) is an authorised electricity retailer offering energy services. Under this product certification, Evergy is certifying all electricity supplied to their small customers for the financial year 1 July 2022 to 30 June 2023.

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- 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 (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

### Product/Service description

The functional unit for this certification is kg of CO<sub>2</sub>-e per kWh of electricity sold.

Evergy is providing a full coverage product by certifying all electricity supplied to their customers, cradle to grave.

## 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 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

**Non-quantified** emissions have been assessed as attributable 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.

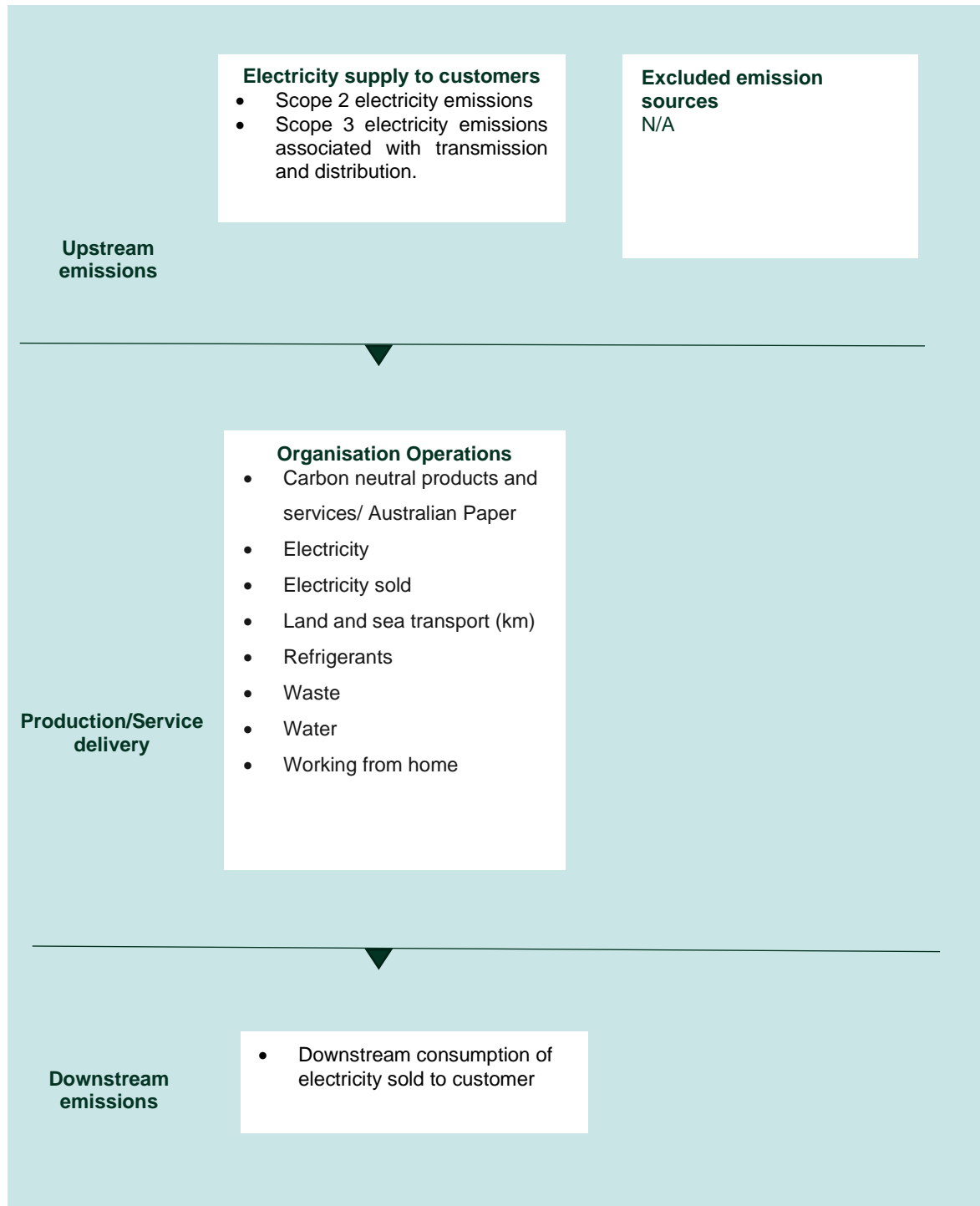
### Outside the emissions boundary

**Non-attributable** emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <ul style="list-style-type: none"> <li>Carbon neutral products and services/ Australian Paper</li> <li>Electricity</li> <li>Electricity sold</li> <li>Transport</li> <li>Refrigerants</li> <li>Waste</li> <li>Water</li> <li>Working from home</li> <li>Office equipment and supplies</li> <li>Machinery and vehicles</li> <li>Professional Services</li> <li>Stationary energy</li> </ul>	<p><b><u>Non-quantified</u></b></p> <p>N/A</p>	<p><b><u>Non-attributable</u></b></p> <p>N/A</p>
	<p><b><u>Optionally included</u></b></p> <p>N/A</p>	

## Product/service process diagram

This is a cradle-to-grave boundary.



## 4.EMISSIONS REDUCTIONS

### **Emissions reduction strategy**

Evergy commits to reduce the emissions intensity of their electricity product by 20% by 2035 compared to a FY2019 baseline. The emissions intensity of the product for FY2023 was 0.79424 kg of CO<sub>2</sub>-e per kWh of electricity sold compared to 0.90559 kg of CO<sub>2</sub>-e per kWh of electricity sold in FY2019 (Base year).

Evergy intends to do this by:

Evergy endeavour to create a blended product offering to include GreenPower. This option would be an opt-in option for Evergy's customers. By creating a blended product, Evergy aim to introduce a 10% GreenPower offering to new customers when they sign up for residential or small market energy agreements by FY28 considering FY19 as the base year

### **Emissions reduction actions**

During this review period, Evergy remained committed to minimising our environmental footprint by carefully monitoring the impact of our operational activities on our emissions output. We took deliberate steps to reduce our impact wherever possible, such as minimising paper usage and prioritising the use of recycled paper materials when necessary. These small but impactful choices are part of our ongoing effort to create a more sustainable future for our company and the communities we serve.



## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit (tCO <sub>2</sub> e/kWh)
Base year/Year 1:	2018-19	1,290.8	0.00090559
Year 2:	2019-20	2,638.2	0.00090243
Year 3:	2020-21	3,932.4	0.00090234
Year 4:	2021-22	6,789.8	0.00085045
Year 5:	2022-23	6,102.42	0.00079424

### Significant changes in emissions

Emission source name	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Detailed reason for change
Customer electricity sold	6,786.2	6069.8	Variations in product uptake.

### Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
Reflex, winc	Carbon Neutral paper

## Emissions summary

Stage / Attributable Process / Source	tCO <sub>2</sub> -e
Climate Active carbon neutral products and services	0.00
Electricity	3.22
ICT services and equipment	1.13
Machinery and vehicles	1.03
Products	6069.89
Professional services	13.92
Refrigerants	0.02
Stationary energy (gaseous fuels)	0.02
Transport (land and sea)	4.82
Waste	0.01
Water	0.01
Working from home	0.05
Office equipment and supplies	0.13
Small Grid Electricity	8.17

<b>Emissions intensity per functional unit</b>	<b>0.00079424</b>
<b>Number of functional units to be offset</b>	<b>7,683,333</b>
<b>Total emissions to be offset</b>	<b>6,102.41</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 6,103 t CO<sub>2</sub>-e. The total number of eligible offsets used in this report is 6,124. Of the total eligible offsets used, 20 were previously banked and 6,104 were newly purchased and retired. 21 are remaining and have been banked for future use.

### Co-benefits

#### Moolakar Human-Induced Regeneration Project

This project establishes permanent native forests through assisted regeneration from in-situ seed sources (including rootstock and lignotubers) on land that was cleared of vegetation and where regrowth was suppressed for at least 10 years prior to the project having commenced.

#### Parbati Hydroelectric Project VCU Credit, India

NHPC Limited's Parbati Hydroelectric Project, Stage III is Greenfield Hydro Power Project located on river Sainj and Jiwa nallah a tributary of Beas River near village Bihali, Kullu district of Himachal Pradesh state of India. It is a run-of-the-river scheme whose design discharge includes the diversion of the tail race releases of Parbati Stage-II Power house as well as inflows from river Sainj and Jiwa nallah. The purpose of the project activity is to generate electrical power using hydel energy, through the operation of run of the river hydro turbines. The hydel energy generated from the hydel power plant is evacuated to the State Grid System which is part of NEWNE Grid. Generating power through hydel plant is a clean technology as no Carbon intensive fossil fuel is burnt during the process. A hydel turbine produces power by harnessing the available potential energy. Thus, there are no GHG emissions associated with the functioning of the hydro turbines. This in result replaces anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 1,912,324 tCO<sub>2</sub>e per year, thereon displacing 1,975,950 MWh/year amount of electricity from the grid.

Summary of benefits include:

- Project activity has generated direct and indirect employment for skilled and unskilled manpower during construction phase as well as during operational stage and thus helped in controlling migration from the region and alleviation of poverty.
- The project activity's contribution of power supply towards the NEWNE grid is helping in the upliftment of the social life of the people by ensuring a sustainable and reliable source of power for the region.
- The Project activity has improved the infrastructural facilities like water availability, road, and medical facilities etc in the region.

## Eligible offsets retirement summary

Offsets retired 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 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 (%)
2.5 MW WIND POWER GENERATION PROJECT OF C.J.SHAH & CO– stapled with Natural Capital Unit	VCU	Verra	13 July 2020	9228- <a href="#">7554411975544338-VCS-VCU337-VER-IN-1-26801012016-27032016-0</a>	2016	220	220	200	0	20	1%
Moolakar Human Induced Regeneration Project	ACCU	ANREU	15 March 2024	8,336,241,281 – 8,336,241,403	2021-22	0	123	0	0	123	2%
Parbati Hydroelectric Project Stage III	VCU	Verra	15 March 2024	<a href="#">9572-109997219-110003199-VCS-VCU-1491-VER-IN-1-1425-29122014-29032015-0</a>	2014-2015	0	5,981	0	21	5,960	97%
<b>Total offsets retired this report and used in this report</b>										6103	
<b>Total offsets retired this report and banked for future reports</b>									21		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Australian Carbon Credit Units (ACCU)		123					2%				
Verified Carbon Units (VCUs)		5,980					98%				

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) Summary

N/A.

# APPENDIX A: ADDITIONAL INFORMATION

Transaction ID	AU32760
Current Status	Completed (4)
Status Date	15/03/2024 11:06:25 (AEDT) 15/03/2024 00:06:25 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Hever, Samantha
Transaction Approver	Clear, Geoffrey
Comment	Retired on behalf of Evergy Pty Ltd for Climate Active for FY2023

Transferring Account		Acquiring Account	
Account Number	AU-3048	Account Number	AU-1068
Account Name	VIRIDIOS CAPITAL PTY LTD	Account Name	Australia Voluntary Cancellation Account
Account Holder	VIRIDIOS CAPITAL PTY LTD	Account Holder	Commonwealth of Australia

Party	Issue	Transaction Type	Original CP	Current CP	ESF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ESF101278</a>					2021-22		8,336,241,281 - 8,336,241,403	123

Transaction Status History	
Status Date	Status Code
15/03/2024 11:06:25 (AEDT)	Completed (4)
15/03/2024 00:06:25 (GMT)	
15/03/2024 11:06:25 (AEDT)	Proposed (1)
15/03/2024 09:06:25 (GMT)	
15/03/2024 11:06:25 (AEDT)	Account Holder Approved (97)
15/03/2024 00:06:25 (GMT)	
15/03/2024 10:23:09 (AEDT)	Awaiting Account Holder Approval (95)
14/03/2024 23:23:09 (GMT)	

## 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 **location-based approach**

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kgCO <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)	0	0	0%
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)	1,444,467	0	19%
Residual Electricity	6,238,867	5,958,118	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>1,444,467</b>	<b>0</b>	<b>19%</b>
<b>Total grid electricity</b>	<b>7,683,333</b>	<b>5,958,118</b>	<b>19%</b>
<b>Total electricity (grid + non grid)</b>	<b>7,683,333</b>	<b>5,958,118</b>	<b>19%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>6,238,867</b>	<b>5,958,118</b>	
Scope 2	5,509,649	5,261,714	
Scope 3 (includes T&D emissions from consumption under operational control)	729,218	696,403	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>18.80%</b>
<b>Mandatory</b>	<b>18.80%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>5,261.71</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>696.40</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>5,261.71</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>696.40</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>5,958.12</b>

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	100%	(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	7,683,333	7,683,333	5,608,833	461,000	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
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>7,683,333</b>	<b>7,683,333</b>	<b>5,608,833</b>	<b>461,000</b>	<b>0</b>	<b>0</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>7,683,333</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>5,608.83</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>461.00</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>5,608.83</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>461.00</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>6,069.83</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 product used	Electricity claimed from Climate Active electricity products (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 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 attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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
N/A	

### Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
N/A			

### 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 EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

## Non-attributable emissions sources summary

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



An Australian Government Initiative

