



PUBLIC DISCLOSURE STATEMENT

ACTIVE UTILITIES PTY LTD

ORGANISATION CERTIFICATION

CY2021


Australian Government
Climate Active
Public Disclosure Statement

ACTIVE



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Active Utilities Pty Ltd
REPORTING PERIOD	1 January 2021 – 31 December 2021 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>Andrew Ross CFO / Company Secretary 23/03/2023</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	393 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	NA
TECHNICAL ASSESSMENT	Date: 05/10/2022 Nicole Butler Pangolin Associates Next technical assessment due: 2024
THIRD PARTY VALIDATION	Type 1 Date: 12/09/2022 Name: Katherine Simmons Organisation: KREA Consulting

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2021 to 31 December 2021 and covers the Australian business operations of Active Utilities Pty Ltd (ABN 78 116 498 803)

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Suite 6, L2, 3 Bristol Street Essendon Fields 3041 VIC
- 19 Allen St, Hamilton 4007 QLD

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 (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).

“Active cares deeply about the responsibility we have to the community in which we operate. We are therefore very keen to proactively do all we can to negate our carbon footprint.”

Organisation description

Active Utilities Pty Ltd (ABN 78 116 498 803, trading as “Active Utilities”) provide building utilities services to customers.

Active Utilities subsidiary entities are:

- Watts Energy Pty Ltd
- Active Utilities Retail Pty Ltd
- Caulfield Utilities Pty Ltd
- Active Utilities (Fields) Pty Ltd
- Active Utilities (Spencer) Pty Ltd
- Active Partnerships Pty Ltd; and
- Active Utilities (UWS) Pty Ltd.

Active are headquartered in Melbourne and have another office in Brisbane.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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 or precinct'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		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Tenancy Electricity Base Building Electricity Telecommunications Water & Sewage IT Equipment Software Paper Staff Clothing Office Furniture Working From Home Business Flights Transport Fuels – Company Owned Transport Fuels – Privately Owned Postage & Couriers Printing & Stationery Professional Services Hotel Accommodation (Domestic) Refrigerants Waste (Landfill & Recycling) 	<p><u>Non-quantified</u></p> <ul style="list-style-type: none"> Employee commute * 	<p><u>Excluded</u></p> <ul style="list-style-type: none"> N/A
	<p><u>Optionally included</u></p> <ul style="list-style-type: none"> N/A 	

* Note, since almost 100% of staff were working from home in CY2021, employee commute assumed to be immaterial.



Data management plan for non-quantified sources

There is no data management plan for non-quantified emission sources.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Active is targeting to reduce emissions as compared to a 2021 baseline by 65% by 31 December 2028.

This will be achieved through the following measures:

- By 31 December 2022, Active will enact an internal policy whereby all stationery and paper must be carbon neutral certified.
- By 31 December 2022, Active will have implemented a recycling policy whereby paper and plastics are separated and recycled.
- By 31 December 2022, Active will install Smart Wall Plugs on ALL office monitors and non-essential devices to allow remote on/off functionality and reduce consumption in non-office hours.
- By 31 December 2023, Active will have implemented an assessment of all consultants and software providers to give preference to carbon neutral providers so that as contracts expire, the business can move to more carbon neutral consulting firms.
- By 31 December 2023, Active will enact an internal policy whereby all flights must select carbon offset options (if available).
- By 01 August 2026, Active will have any fleet vehicle in operation as an Electric Vehicle
- By 31 December 2026, Active will procure 100% carbon neutral electricity for its offices'.

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are carbon neutral.

Organisation emissions summary

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

Emission category	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.63
Electricity	105.48
ICT services and equipment	70.48
Office equipment & supplies	3.83
Postage, courier and freight	16.59
Products	0.61
Professional Services	105.83
Transport (Air)	19.04
Transport (Land and Sea)	21.58
Waste	0.08
Water	0.07
Working from home	29.00
Synthetic gases	0.86
Total	374.07

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
Small Org Uplift (5%)	18.70
Total of all uplift factors	18.70
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	392.8

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total emissions footprint to offset for this report	393
2. Total eligible offsets purchased and retired for this report	393
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

210 MW Musi Hydro Power Plant, Bengkulu

The project is a new run-of river hydro power plant in Bengkulu Province in Indonesia. The key purpose of the project is to utilise the hydrological resources of the Musi River, which is a renewable source of energy, to generate zero emission electricity to be transmitted to the Sumatra grid.

It will displace fossil fuel-based power and reduce the emissions associated with fossil fuel-based power plants on the grid and generate 847,020 carbon credits per year. This project contributes to the following Sustainable Development Goals:

- No poverty
- Quality education
- Affordable and clean energy
- Decent work and economic growth
- Industry innovation and infrastructure
- Sustainable cities and communities
- Climate action

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 (%)
210 MW Musi Hydro Power Plant, Bengkulu	VCUs	VERRA	04/10/2022	10374-208446711-208447103-VCS-VCU-262-VER-ID-1-487-01012016-31122016-0	2016	0	393	0	0	393	100%
Total offsets retired this report and used in this report										393	
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				
Verified Carbon Units (VCUs)		393					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

NA

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-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)	0	0	0%
GreenPower	0	0	0%
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)	19,533	0	19%
Residual Electricity	85,824	85,340	0%
Total grid electricity	105,358	85,340	19%
Total Electricity Consumed (grid + non grid)	105,358	85,340	19%
Electricity renewables	19,533	0	
Residual Electricity	85,824	85,340	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		85,340	
Total renewables (grid and non-grid)	18.54%		
Mandatory	18.54%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	85		

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	0	0	0
SA	0	0	0
Vic	94,959	86,412	9,496
Qld	10,399	8,319	1,248
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	105,358	94,732	10,744
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	105,358	94,732	10,744
Emission Footprint (TCO2e)	105		
<i>Scope 2 Emissions (TCO2e)</i>	95		
<i>Scope 3 Emissions (TCO2e)</i>	11		

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. 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Employee Commute	Yes *	No	No	No

* Note, since almost 100% of staff were working from home in CY2021, employee commute assumed to be immaterial.

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.

No emission sources were excluded from company A's organisation boundary in CY2021.

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



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