



PUBLIC DISCLOSURE STATEMENT


ENERGY BUSTER PTY LTD

ORGANISATION CERTIFICATION

CY2023

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Energy Buster Pty Ltd
REPORTING PERIOD	1 January 2023 – 20 December 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>Matthew Curnow Managing Director Date: 26/08/2024</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	114 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	19%
CARBON ACCOUNT	Prepared by: Dr David Ross Sustainable Savings NGER Cat 1
TECHNICAL ASSESSMENT	<i>Final report – leaving scheme</i>

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2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Energy Buster Pty Ltd, ABN 58 633 218 336. 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. The includes the following locations and facilities:

- Level 1, 46 Magill Road, Norwood 5067 SA

This Public Disclosure Statement includes information for CY2023 reporting period.

Organisation description

Energy Buster was established in 2019, with the aim of implementing proven solutions for reducing negative environmental impacts, focussing on the residential and small business (SME) markets. We design and provide holistic energy solutions, including energy efficiency measures, solar PV and billing optimisation.

The emission boundary in this document is for the business operations of Energy Buster only, and therefore the boundary is defined by operational control.

Climate Active certification for the operations of Energy Buster is completed separately and began in CY2020. Our office is located in Adelaide, South Australia. Whilst we have capability in other states through the engagement of contractors, we have no staff in other states.

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 Energy Buster'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

- Stationary energy and fuels
- Electricity
- Accommodation
- Carbon neutral products and services
- Cleaning and chemicals
- Food
- ICT services and equipment
- Professional services
- Land and sea transport
- Office equipment and supplies
- Postage, courier and freight
- Refrigerants
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Products
- Working from home
- Machinery and vehicles

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Energy Buster aims to reduce absolute emissions by 30% by CY2030 from our 2019 base year across all scopes, with a focus on the main emissions sources, being those associated with Transport, Professional Services, and ICT Services & Equipment.

Transport

Energy Buster will encourage the transition of both fleet and private vehicles to EVs or hybrids. Currently, Energy Buster already has a large proportion of hybrids within their fleet, and they will look to phase out older ICE vehicles. Energy Buster aims to reduce emissions associated with company-controlled fuels by 75% by 2030 from our 2019 base year.

Professional Services

Energy Buster will focus on engaging with consultants and other professional service providers that are either Climate Active Carbon Neutral, or are actively engaged in quantifying and reducing their emission profiles. By engaging in this way Energy Buster will be able to positively affect their supply chain. Energy Buster aims to reduce emissions by 25% by CY2030 from 2021 – this later base year than 2019 is due to the fact that not all current Professional Services emission sources were not included in Energy Buster' emissions boundary until this CY2021 reporting period.

ICT Services & Equipment

Energy Buster will develop a green procurement policy by 2025 that prioritises the purchase of goods that have lower carbon footprints, or purchase refurbished or recycled components where possible. Additionally, Energy Buster will try to align with suppliers that report on their emissions profiles to provide greater accuracy in data collection. By purchasing from suppliers that report on their emissions (e.g. Apple & Lenovo) Energy Buster hope to be able to apply supplier specific emission factors for the products that they purchase. These more accurate emission factors, and the implementation of a Green Procurement policy, should help Energy Buster reach it's emissions reductions target associated with ICT Services & Equipment of 15% by 2030 from 2021 base level.

Emissions reduction actions

N/A

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year / Year 1:	2020	18.3	19.2
Year 2:	2021	144.9	153.0
Year 3:	2022	232.8	245.0
Year 4:	CY2023	103.5	113.9

Significant changes in emissions

Operating expenses for Scope 3 emissions dropped from \$690,000 reportable in CY2022 to \$460,000 in CY2023 in line with cost savings made within business and general market sentiment that saw a drop in total revenue drop by 2.4M\$ over the two reporting periods.

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

N/A

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 (t CO2-e)	Sum of Scope 2 (t CO2-e)	Sum of Scope 3 (t CO2-e)	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	0.00	0.00
Cleaning and chemicals	0.00	0.00	0.00	0.00
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	4.55	0.56	5.11
Food	0.00	0.00	0.49	0.49
ICT services and equipment	0.00	0.00	40.32	40.32
Machinery and vehicles	0.00	0.00	6.14	6.14
Postage, courier and freight	0.00	0.00	9.85	9.85
Products	0.00	0.00	3.30	3.30
Professional services	0.00	0.00	12.45	12.45
Refrigerants	0.14	0.00	0.00	0.14
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	0.00	0.00
Transport (land and sea)	0.00	0.00	0.00	0.00
Waste	0.00	0.00	25.21	25.21
Water	0.00	0.00	0.28	0.28
Working from home Office equipment and supplies	0.00	0.00	0.00	0.00
	0.00	0.00	0.24	0.24
Total	0.14	4.55	98.83	103.53

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 ₂ -e
mandatory 5% uplift for small organisations	5.2
Additional 5% uplift factor for final submission	5.2
Total of all uplift factors (tCO ₂ -e)	10.4
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	113.9

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
Verified Carbon Units (VCUs)	122	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (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 Angli Lingwu Photovoltaic Grid Connected Power Plant Project	VCU	Verra	26/8/ 2024	11819-360239572-360239693-VCS-VCU-324-VER-CN-1-1143-01012018-30112018-0	2018	-	122	0	0	122	100%
Total eligible offsets retired and used for this report										122	
Total eligible offsets retired this report and banked for use in future reports									0		

Co-benefits

N/A

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 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)	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)	1,315	0	19%
Residual Electricity	5,620	5,114	0%
Total renewable electricity (grid + non grid)	1,315	0	19%
Total grid electricity	6,935	5,114	19%
Total electricity (grid + non grid)	6,935	5,114	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	5,620	5,114	
Scope 2	5,003	4,552	
Scope 3 (includes T&D emissions from consumption under operational control)	618	562	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.96%
Mandatory	18.96%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	4.55
Residual scope 3 emissions (t CO₂-e)	0.56
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	4.55
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.56
Total emissions liability (t CO₂-e)	5.11
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

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 ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
SA	6,935	6,935	1,734	555	6,935	6,935
Grid electricity (scope 2 and 3)	6,935	6,935	1,734	555	6,935	6,935
SA	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	0					

Residual scope 2 emissions (t CO ₂ -e)	1.73
Residual scope 3 emissions (t CO ₂ -e)	0.55
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	1.73
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	0.55
Total emissions liability	2.29

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 ₂ -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 ₂ -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 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
N/A	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 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 or precinct'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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