

# PUBLIC DISCLOSURE STATEMENT

ENERGETICS PTY LTD

ORGANISATION CERTIFICATION FY2023-24

# Climate Active Public Disclosure Statement







NAME OF CERTIFIED ENTITY	Energetics Pty Ltd
REPORTING PERIOD	1 July 2023 – 30 June 2024 Arrears report
DECLARATION	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.
	Dr Mary Stewart CEO 20/12/2024



Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version 9.

# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	667 tCO <sub>2</sub> -e
CARBON OFFSETS USED	29.5% ACCUs, 70.5% VERs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: Energetics Pty Ltd
TECHNICAL ASSESSMENT	18/12/2024 Organisation and Services Next technical assessment due: 31/10/2027

### Contents

1.	Certification summary	3
2.	Certification information	4
3.	Emissions boundary	5
4.	Emissions reductions	7
5.	Emissions summary	9
6.	Carbon offsets	11
7. R	Renewable Energy Certificate (REC) Summary	13
Арр	pendix A: Additional Information	14
Арр	pendix B: Electricity summary	15
Арр	pendix C: Inside emissions boundary	18
aaA	pendix D: Outside emissions boundary	19

# 2. CERTIFICATION INFORMATION

### **Description of certification**

This carbon neutral certification is for the business operations of Energetics PTYLTD (ABN 67 001 204 039) (Energetics hereafter).

Energetics takes a comprehensive approach to its carbon neutral commitment. We have included all of our offices across Australia, as well as our entire supply chain. The footprint covers both our organisation and the services we provide. By including our entire supply chain within the organisation's footprint boundary, we effectively end up with identical footprints for the organisation and our services.

Energetics' inventory has been prepared based on the "Climate Active Standard for Organisations", "Climate Active Standard for Products and Services" and the "Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard".

Where available, the inventory covers all six greenhouse gases listed under the Kyoto Protocol:

- Carbon dioxide (CO<sub>2</sub>)
- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulphur hexafluoride (SF<sub>6</sub>).

### Organisation description

As a team of passionate, committed climate change and energy management professionals advising some of Australia's largest companies, we believe in 'walking the talk'. In keeping with our values, Energetics has been carbon neutral since June 2008 (since FY18 through the NCOS and Climate Active programs), published sustainability reports in line with Global Reporting Initiative (GRI) guidelines and supported a number of community causes.

This carbon account is based on an operational control approach, complemented with extensive supply chain data.

The Energetics offices considered for the carbon account for this reporting period are located at the addresses below:

Sydney Level 7, 5 Blue St, North Sydney
 Melbourne Level 14, 356 Collins St, Melbourne
 Perth Level 8, 182 St Georges Terrace, Perth
 Brisbane Level 12, 410 Queen St, Brisbane.

<sup>&</sup>lt;sup>1</sup> Published by: World Resources Institute and World Business Council for Sustainable Development, March 2004

# 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

Operational expenditure – (sub-) contractors, marketing, IT services, entertainment, staff amenities, office expenses

Accommodation

Food
Professional services
Business travel – flights,
taxis, rental cars, public
transport, ferries, parking,
reimbursements
Base building energy
Purchased electricity
Waste to landfill

Waste to landfill
Waste to recycling

Water and wastewater

Energy-related scope 3
Working from home

Staff commute

### Non-quantified

N/A

### **Optionally included**

N/A

# Outside emission boundary

### **Excluded**

Capital expenditure

# 4. EMISSIONS REDUCTIONS

### **Emissions reduction strategy**

Energetics has always aspired to have a positive impact on the environment. We are committed to reducing the carbon footprint of our standard business activities, and reducing the broader impact that we have on the environment.

In 2019 we became a 'Climate Active' certified organisation and in 2020 we added our services to our Climate Active certification. In 2021 we achieved a significant milestone when our science-based target (SBT) was verified by the global Science Based Targets initiative (SBTi) under their SME programme<sup>2</sup>. Since signing up to SBTi we have purchased only renewable energy through Greenpower and as such we no longer incur scope 2 emissions.

Energetics' carbon footprint is dominated by scope 3 emissions which make up over 90% of our footprint. The major contributor to these emissions is the purchase of goods and services. Other material sources are our base building and office energy consumption, as well as business travel and commuting.

#### **Emissions reduction actions**

In keeping with Energetics' Sustainability Policy, we drive continuous improvement by identifying and implementing emissions reduction, sustainable procurement and behavioural change projects.

### Purchase of goods and services

As part of a precautionary approach to developing our inventory, we choose to apply a broad range of emissions sources (for example by including emissions from our banking and legal advisors). As a result, a significant part of our inventory is directly related to business expenditure. Other than reducing business expenditure, there are no immediately clear actions available to directly reduce the associated emissions. As more businesses seek Climate Active certification, Energetics may be able to benefit from reduced emissions through the purchase of Climate Active certified carbon neutral products and services. Further, as the grid decarbonises these scope 3 emissions will reduce as at least 50% of them are from electricity.

#### Base building energy consumption

Our Perth base building has improved energy efficiency through a structured retrofit program. It currently has a 4 star energy rating and 4.5 star water rating.

#### Office energy consumption

- All tenancies have energy-efficient appliances, including LED lighting throughout.
- The offices in Brisbane and Sydney, which is Energetics' largest office, have motion sensor lighting to reduce electricity consumption when possible.

<sup>&</sup>lt;sup>2</sup> Available on: <u>https://www.energetics.com.au/about-us/climate-and-sustainability</u>.

#### Waste management

Energetics has minimised requirements to print paper becoming almost paperless across our offices. If a client specifies that a document needs to be printed (e.g., contracts), Energetics will attend to the request, but we are working on alternatives that would meet our clients' needs. We are actively refining waste management in our offices and seek out preferred end of life options for up to five waste streams in each office. We lease our phone and computers.

### Business travel/hybrid work

COVID-19 lockdown restrictions limited business travel which has historically been one of our largest emissions sources. Robust webinar and teleconferencing infrastructure had been rolled out across the business; it will remain as a feature of the consulting landscape going forward.

Post lockdown, the hybrid workplace at Energetics has continued with employees balancing work from home with work from our offices, with employees working from the office 2-3 days per week.

Energetics has also made SimbleHome available to our staff by paying half of the cost of the smart meter and associated app. SimbleHome helps people to manage their own energy consumption at home by making information available in an easy-to-use app and by installing smart meters.

# 5.EMISSIONS SUMMARY

### **Emissions over time**

Emissions since base year					
		Total tCO <sub>2</sub> -e (without uplift)	Total tCO <sub>2</sub> -e (with uplift)		
Base year:	2017–18	833	N/A		
Year 1:	2018–19	826	N/A		
Year 2:	2019–20	945	N/A		
Year 3:	2020–21	589	N/A		
Year 4:	2021–22	843	N/A		
Year 5:	2022–23	713.234 <sup>3</sup>	713.238		
Year 6:	2023-24	667	N/A		

### 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
Legal services	14	81	Increase in expenditure due to the process of the sale of Energetics to ERM

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

Certified brand name	Product/Service/Building/Precinct used				
N/A	N/A				

 $<sup>^3</sup>$  We used an inventory of 714 tCO<sub>2</sub>-e in the previous FY23 report, we have only included the decimal points in these values to indicate the difference before and after the application of uplift.

# **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 <sub>2</sub> -e)	Sum of scope 2 (tCO <sub>2</sub> -e)	Sum of scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	9.87	9.87
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
Construction Materials and Services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	148.58	148.58
Food	0.00	0.00	20.70	20.70
Horticulture and Agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	45.22	45.22
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	2.59	2.59
Postage, courier and freight	0.00	0.00	1.09	1.09
Products	0.00	0.00	0.00	0.00
Professional Services	0.00	0.00	260.11	260.11
Refrigerants	0.00	0.00	0.00	0.00
Roads and landscape	0.00	0.00	0.00	0.00
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	58.41	58.41
Transport (Land and Sea)	0.00	0.00	74.81	74.81
Waste	0.00	0.00	20.96	20.96
Water	0.00	0.00	1.27	1.27
Working from home	0.00	0.00	22.64	22.64
Total emissions	0.00	0.00	666.25	666.25

Given that boundaries have been defined to be exhaustive the Energetics Organisation inventory is equivalent to the Energetics Service inventory.

### **Uplift factors**

N/A - No uplift factor applied

# 6.CARBON OFFSETS

### Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Australian Carbon Credit Units (ACCUs)	197	29.5%
Verified Emissions Reductions (VERs)	470	70.5%

Given that boundaries have been defined to be exhaustive the Energetics Organisation inventory is equivalent to the Energetics Service inventory.

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Jawoyn Fire Project	ACCU	ANREU	20/12/2024	SN 9003783702 - 9003783898	2024	197	0	0	197	29.54%
Energy Efficient Stoves Program - CPA 3	VER	Gold Standard Impact Registry	20/12/2024	GS1-1-ET- GS11149- 162021-24614 26747 - 35258	2021	470	0	0	470	70.46%

#### Co-benefits

Our offsets are from two projects:

1. ACCUs are from a savanna burning project located in the Northern Territory. The Aboriginal run project reduces wildfires through strategic, controlled savanna burning. Aboriginal Jawoyn Rangers manage the Jawoyn estate across the Katherine, Kakadu and Roper regions in the Northern Territory, Australia. Rangers use the same techniques as their ancestors of burning areas in the early dry season to reduce wildfires and refresh country. In addition, the latest technologies are also employed for strategic fire management. This includes conducting aerial and on-ground burning to prevent late season wildfires and reduce overall carbon emissions and using satellite technology to track progress and observe important changes from space.

The project protects significant fire-sensitive ecosystems and many threatened species. It also delivers significant social, cultural and economic benefits for Indigenous Australians such as employment, enhancing connection to country and protecting important cultural sites.

This project aligns with SDG 1 – No poverty, SDG 3 – Good health and well-being, and SDG 5 – Gender equality, SDG 8 – Decent work and economic growth, SDG 11 – Sustainable cities and communities, SDG 13– Climate action, SDG 15– Life on land and SDG 17– Partnerships for the goals.

2. VERs are sourced from Ethiopia for low emissions cookstoves projects. The majority of the rural Ethiopian population cook using heavily polluting open fires. This results in health consequences like respiratory illness; the most material health burden is typically imposed on women and children who are responsible for preparing meals. World Health Organisation (WHO) research shows that household air pollution was responsible for an estimated 3.2 million deaths globally in 2020. These projects distribute low cost, highly efficient cookstoves. In addition to health benefits, these cookstoves use considerably less wood than open fires. The increasing energy needs of growing populations in Ethiopia has contributed to advanced forest loss. Forests that originally covered 90 percent of the highlands have been reduced to less than 3 percent; reinforcing the need for more sustainable energy solutions to prevent further forest loss and degradation.

This project aligns with SDG 7 – Affordable and clean energy, SDG 8 – Decent work and Economic growth and SDG 13 – Climate action.

# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

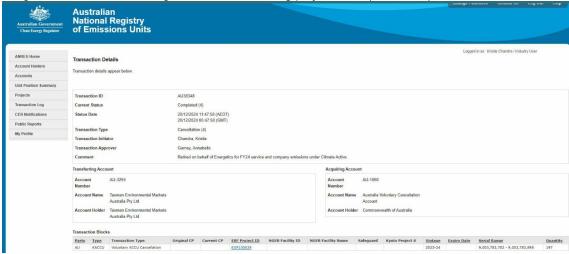
### Renewable Energy Certificate (REC) summary

N/A - LGCs have been surrendered on behalf of Energetics as part of the GreenPower ™ program. In line with Climate Active's provision, Energetics is not required to populate this section.

# APPENDIX A: ADDITIONAL INFORMATION

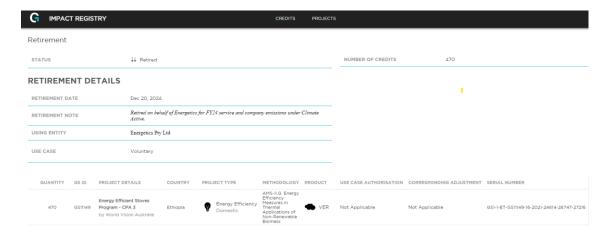
Please refer to the information on purchased offsets below and the attachment to this submission.

Image 1: ACCUs retired through the savanna burning project in NT (197 tCO<sub>2</sub>e)



Link to registry can be found here- please note that the retired ACCUs are currently not reflected online

Image 2: VERs retired under the Ethiopia low emissions cookstove project (470 tCO<sub>2</sub>e)



Link to registry can be found here - please note that the retired VERs can be found online

# 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.

Note: The electricity emissions (accounting to 148.58 tCO2-e) in the "Emissions summary" table accounts for electricity usage in shared building services (e.g., office lobbies, lift, stairwell etc) for the 4 Energetics offices in Australia. These emissions fall under Energetics' scope 3 emissions for upstream leased assets and hence it is not included in the tables below. The calculation for this scope 3 component is an estimation, where the net lettable area (NLA) (in m2) is multiplied with a NABERS factor for base building emissions/ NABERS base building reverse calculator (in tCO2-e/m2) to return total base building emissions for each Energetics office.

Activity Data (kWh)	Emissi ons (kg CO <sub>2</sub> -e)	Renewable Percentage of total
0	0	0%
0	0	0%
0	0	0%
59,987	0	82%
0	0	0%
0	0	0%
0	0	0%
0	0	0%
0	0	0%
0	0	0%
0	0	0%
0	0	0%
13,648	0	19%
-729	-663	0%
73,635	0	101%
72,906	0	101%
72,906	0	101%
100%		
-729	-663	
-649	-591	
-80	-73	
0	0	
0	0	
	0 59,987 0 0 0 0 0 0 0 0 0 13,648 -729 73,635 72,906 72,906 100% -729 -649 -80 0	0 0 0 59,987 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Total renewables (grid and non-grid)	101.00%
Mandatory	18.72%
Voluntary	82.28%
Behind the meter	0.00%
Residual scope 2 emissions (t CO <sub>2</sub> -e)	-0.59
Residual scope 3 emissions (t CO <sub>2</sub> -e)	-0.07
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO 2-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO 2-e)	0.00
Total emissions liability (t CO <sub>2</sub> -e)	0.00
Figures may not sum due to rounding. Renewable percentage can be above 100%	

Location-based approach summary							
Location-based approach	Activity Data (kWh) total	Und	er operationa	Not under operational control			
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)		
NSW	55,087	55,087	37,459	2,754	0	0	
VIC	6,690	6,690	5,285	468	0	0	
QLD	5,743	5,743	4,192	861	0	0	
WA	5,386	5,386	2,855	215	0	0	
Grid electricity (scope 2 and 3)	72,906	72,906	49,791	4,300	0	0	
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			
Non-grid electricity (behind the meter)	0	0	0	0			
Total electricity (grid + non grid)	72,906						

Residual scope 2 emissions (t CO <sub>2</sub> -e)	49.79
Residual scope 3 emissions (t CO <sub>2</sub> -e)	4.30
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	49.79
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	4.30
Total emissions liability	54.09

Operations in Climate Active buildings and precincts

(	Operations in Climate Active buildings and p	precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO <sub>2</sub> -e)
-				

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.

Climate Active carbon neutral electricity products

Chiling to the contract of the children of the		
Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)

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.

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

Not applicable. All emission sources assessed as relevant have been quantified.

### 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:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
- 2. <u>Influence</u> 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.
- 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.

Energetics did not make any capital investments in the reporting year. While capital expenditure has the potential to result in emissions that are material to our footprint, this was not the case in the 2023/24 operating year. The emission source has not been deemed relevant under the other conditions established by the relevance test. Therefore, the emission source has been excluded in provision with the Climate Active guidelines.

# Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Capital expenditure	N	N	N	N	N	Size: The emissions source is not quantified as Energetics did not make any capital investments in FY24. Therefore, this emission source has not been deemed material to the overall emissions.  Influence: Since Energetics did not make any capital investments in FY24, our potential to influence this emissions source has not been deemed relevant.  Risk: There are no relevant laws or regulations that apply to limit emissions specifically from capital expenditure. The source does not create supply chain risks and it is unlikely to be of significant public interest.  Stakeholders: Key stakeholders are unlikely to consider this a relevant source of emissions for our service as there is no expenditure under this emission source.  Outsourcing: Energetics does not have emissions from outsourced activities undertaken within the organisation's boundary that are classified under this category.



