



PUBLIC DISCLOSURE STATEMENT

EBM-PAPST A&NZ PTY LTD

**ORGANISATION CERTIFICATION
CY2024**

Australian Government
Climate Active
Public Disclosure Statement

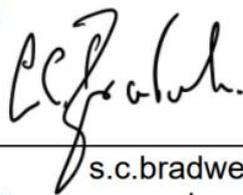
ebmpapst

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NAME OF CERTIFIED ENTITY	ebm-papst A&NZ Pty Ltd
REPORTING PERIOD	Calendar year 1 January 2024 – 31 December 2024
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>Signature here</i></p> 
	<p>Name of signatory s.c. bradwell Position of signatory managing director Date 17.02.26</p>



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

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Version 9.1.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,197 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	27/07/2023 Pangolin Associates Pty Ltd Next technical assessment due: CY 2026 report

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2. CERTIFICATION INFORMATION

Description of organisation certification

This inventory has been prepared for the calendar year 2024, from 1 January 2024 to 31 December 2024, and covers the Australian business operations of ebm-papst A&NZ Pty Ltd (ABN 33 115 927 556), trading as ebm-papst, for the purpose of carbon neutral medium organisation certification.

This certification applies to the organisation's operations only and does not cover product manufacturing, product lifecycle, or product use.

Organisation description

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:

- 10 Oxford Road, Laverton North, 3026 VIC
- H/61 Hugo Johnston Drive, Penrose, 1061 New Zealand

ebm-papst stands as a global leader, dedicated to the development, manufacturing, and sale of energy-efficient fans, electric motors, and drives. Our primary goal revolves around providing comprehensive solutions to enhance comfort and optimize energy consumption in buildings. Moreover, we specialize in tailoring data-driven systems to meet the unique requirements of our customers, ensuring the optimal utilization of our products in OEM solutions.

In the ANZ (Australia and New Zealand) region, ebm-papst ANZ operates as a fully owned subsidiary of the ebm-papst Group. For the past 35 years, we have been steadfastly supplying the ANZ market with products from the group's portfolio. Our unwavering focus remains on bolstering energy efficiency and reducing carbon footprints. The dedicated team at ebm-papst ANZ collaborates closely with manufacturers and national regulatory bodies, actively contributing to the achievement of carbon reduction targets set by these countries.

With specialized expertise in air flow and movement engineering, ebm-papst is excellently positioned to cater to the market's needs. Our product range covers various applications, particularly those within built environments where a significant portion of daily energy consumption occurs.

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
Horticulture and agriculture
ICT services and equipment
Machinery and vehicles
Office equipment and supplies
Postage, courier and freight
Products
Professional services
Refrigerants
Roads and landscape
Stationary energy (gaseous fuels)
Stationary energy (liquid fuels)
Stationary energy (solid fuels)
Transport (air)
Transport (land and sea)
Waste
Water
Working from home
New Zealand Operations

Non-quantified

N/A

Outside emission boundary

Excluded

Product Manufacturing
(Including Product Life & Use)

¹ Emissions from New Zealand operations have been included across all relevant categories, including, but not limited to, accommodation and facilities, transport fuels, electricity, water, waste, refrigerants, and working-from-home.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

ebm-papst commits to reduce the total emissions from its operations by 20 percent by 2030, compared to a base year of 2022. This will be achieved through the following actions:

Scope 1 and 2 emissions will be reduced by:

- ebm-papst is already engaged in the procurement of GreenPower, the company remains committed to further mitigating scope 2 emissions by consistently procuring 100% renewable energy. The objective of this measure is to achieve a minimum 100% reduction in scope 2 emissions.
- By YE 2024, ebm-papst upgraded its local air-conditioning systems within its building using high efficiency equipment as well as control systems. This objective was implemented to reduce Scope 1 emissions.

Scope 3 emissions will be reduced by:

- ebm-papst closed its Sydney office and reduce emissions completely. This will reduce not only emissions from the building/office such as power consumption, refrigerant use and paper use but also travel emissions as colleagues will be working from home and reducing office travel.
- Whenever feasible, ebm-papst will opt to engage in meetings through video conferencing, as this approach will effectively reduce emissions associated with our business travel. In cases where travel is unavoidable, efforts will be made to minimise emissions by selecting the lowest-emission travel options, with offsets used only as a last resort.
- Wherever possible, ebm-papst will work with transport suppliers to reduce carbon emissions associated with shipping. This will include with respect to choice of suppliers as well as shipping technology used.
- As company cars reach end of life, the use of electrical vehicles will be investigated where distance travelled and charging possibilities allow.
- To reduce emissions from paper use, ebm-papst will prioritise the procurement of certified carbon-neutral or recycled paper wherever possible, and continue to digitise processes to further reduce paper consumption.
- Over the next 10 years, ebm-papst will prioritise carbon-neutral freight solutions where operationally feasible, supporting suppliers who demonstrate tangible emissions reduction initiatives.
- ebm-papst will be implementing a greenhouse gas (GHG) management plan to effectively monitor, report, and update on an annual basis.

Emissions reduction actions

- New Zealand has already purchased an electric vehicle to replace their old vehicle, which had reached end of life.
- The Melbourne office continues to purchase GreenPower to support its commitment to renewable energy.
- Recycling initiatives have been introduced, including:
 - Metal recycling
 - PCBs recycling
 - Medical strips recycling
- Soft plastic recycling is currently being investigated, with plans to potentially initiate this in CY2025

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:	2022	3201.5	-
Year 2:	2023	1481.2	-
Year 3:	2024	1196.2	-

Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Air Freight (long haul)	730.98	467.60	ebm-papst maintained a large volume of warehouse stock during the reporting period. One of ebm-papst's key goals for CY2024 was to reduce inventory levels, aiming to improve operational efficiency and minimise associated emissions.
Cargo Ship : Container ship	341.28	280.50	

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

Certified brand name	Product/Service/Building/Precinct used
Pangolin Associates	Consulting Services

Emissions summary

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

Emission category ²	Scope 1 emissions (tCO ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	5.01	5.01
Cleaning and chemicals	0.00	0.00	4.34	4.34
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	1.44	0.11	1.55
Food	0.00	0.00	3.06	3.06
Horticulture and agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	15.89	15.89
Machinery and vehicles	0.00	0.00	8.83	8.83
Office equipment and supplies	0.00	0.00	6.92	6.92
Postage, courier and freight	0.00	0.00	756.49	756.49
Products	0.00	0.0	0.51	0.51
Professional services	0.00	0.0	99.15	99.15
Refrigerants	3.66	0.0	0.00	3.66
Roads and landscape	0.00	0.0	0.00	0.00
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	5.48	0.00	1.83	7.31
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	169.80	169.80
Transport (land and sea)	23.79	0.31	61.84	85.95
Waste	0.00	0.00	22.16	22.16
Water	0.00	0.00	2.00	2.00
Working from home	0.00	0.00	3.66	3.66
Grand Total	32.93	1.76	1161.59	1196.28

² Note: Emissions from New Zealand operations have been included across all relevant categories, including, but not limited to, accommodation and facilities, transport fuels, electricity, water, waste, refrigerants, and working-from-home.

Uplift factors

N/A.

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
Verified Carbon Units (VCUs)	1197	100.00%

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
Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)	VCU	Verra Registry	29/6/2025	9064-64854240-64854773-VCS-VCU-508-VER-IN-1-1353-01012017-31122017-0	2017	534	0	0	534	44.61%
Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)	VCU	Verra Registry	29/6/2025	9064-64815613-64816275-VCS-VCU-508-VER-IN-1-1353-01012017-31122017-0	2017	663	0	0	663	55.39%
Offset Totals:						1197	0	0	1197	100.00%

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	38,773	0	37%
Total non-grid electricity	38,773	0	37%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	52,982	0	51%
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)	12,011	0	12%
Residual Electricity	0	0	0%
Total renewable electricity (grid + non grid)	103,766	0	100%
Total grid electricity	64,993	0	63%
Total electricity (grid + non grid)	103,766	0	100%
Percentage of residual electricity consumption under operational control	0%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	100.00%
Mandatory	11.57%
Voluntary	51.06%
Behind the meter	37.37%
Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	0.00
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Total emissions liability (t CO₂-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	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)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	64,993	64,993	51,344	4,550	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
Grid electricity (scope 2 and 3)	64,993	64,993	51,344	4,550	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	38,773	38,773	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)	38,773	38,773	0	0		
Total electricity (grid + non grid)	103,766					

Residual scope 2 emissions (t CO ₂ -e)	51.34
Residual scope 3 emissions (t CO ₂ -e)	4.55
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	51.34
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	4.55
Total emissions liability	55.89

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	

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
Product Manufacturing (Including Product Life & Use)	N	N	N	N	Y	<p>Size: Products manufactured by ebm-papst are products of incorporation with long lifetimes; end-of-life emissions are not traceable.</p> <p>Influence: ebm-papst has no operational or contractual control over product disposal or end-of-life treatment as a wholesaler.</p> <p>Risk: These emissions do not present a material regulatory, financial, or reputational risk to ebm-papst, as they occur outside the organisation's control.</p> <p>Stakeholders: Key stakeholders have not identified end-of-life emissions of products sold as a material emissions source for ebm-papst.</p> <p>Outsourcing: ebm-papst has no operational control over these products; as a wholesaler, it simply purchases and distributes them.</p>



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