PUBLIC DISCLOSURE STATEMENT

INTEGRATED INDUSTRIAL PTY LTD

ORGANISATION CERTIFICATION
CY2023

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Integrated Industrial Pty Ltd
REPORTING PERIOD	1 January 2023– 31 December 2023 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.* 
	Name of signatory Gavin Moore Position of signatory General Manager Date 9/10/2024

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

Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	888 tCO_2-e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	28 June 2022 Pangolin Associates Next technical assessment due: CY2025 report

Contents

2. CERTIFICATION INFORMATION

Description of organisation certification

This inventory has been prepared for the calendar year 2023, from 1 January 2023 to 31 December 2023, and covers the Australian business operations of Integrated Industrial Pty Ltd (ABN 30 123 184 252.)

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_2), methane (CH_4), nitrous oxide (N_2O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF_6) and nitrogen trifluoride (NF_3). These have been expressed as carbon dioxide equivalents (CO_2-e) using relative global warming potentials (GWPs).

Organisation description

Integrated Industrial (ABN 30 123 184 252) is accredited by SAI Global for ISO9001:2015 Quality Management Systems, ISO14001:2015 Environmental Management Systems and ISO45001:2018 Occupational Health and Safety Management. We are a specialist supplier to the resource sector delivering a complete supply solution to many of Australia’s largest Mining, Oil & Gas and Offshore projects.

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 Hazelhurst Street, Kewdale WA 6105

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 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

Electricity

Food

ICT services and equipment

Machinery and vehicles

Postage, courier and freight

Products

Professional services

Refrigerants

Stationary energy (liquid fuels)

Transport (air)

Transport (land and sea)

Waste

Water

Working from home

Office equipment and supplies

Non-quantified

Outside emission boundary

Excluded

Purchased goods and services

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Integrated Industrial commits to reduce total emissions of its business operations by 20% by 2050 compared to the Calendar Year 2021 baseline. The following actions are planned to support meeting this target:

Scope 1 emissions will be reduced by:

- Undertaking a route optimisation program for vehicles owned by Integrated Industrial to reduce fuel consumption whilst exploring opportunities for trialling electric, hybrid or hydrogen vehicle alternatives. Integrated Industrial has commenced a review of owned delivery vehicle's in July 2024 and segregated routes into 3 areas – South metro, North metro A and North metro B. In consultation with external transport contract provider EFM to review utilisation of outer regions and excess load constraints with a view to optimise collection and drop off's to minimise fuel/emission use and route optimisation. The review will be completed on 30th June 2025 and details presented to management to review asset life and replenishment of vehicles thereafter to meet emission targets.

Scope 2 emissions will be reduced by:

- Installing a 59kw solar system at our Kewdale premises which will reduce our grid power consumption by 47% by 2048 over the next 25 years.
    - The solar review and application to install will be negotiated at the Second further term of Lease of premises 2025 due to additional lease term of Three (3) years.
- Assessing the switch to GreenPower electricity instead of standard grid electricity.
    - Based on the approval of the Lease and Board approval for Solar system switching to Green Power will follow the installation of the Solar system installed – planned for 2025.

Scope 3 emissions will be reduced by:

- Undertaking a route optimisation assessment for freight activity to reduce fuel consumption is planned for FY2025
- Updating Integrated Industrial's purchasing policy and guidelines to strengthen sustainability considerations in suppliers and tendering.
- Purchasing Climate Active Carbon Neutral paper and other items whenever available.
- Continuing to implement and extend recycling programs and latest material supplies to gain maximum efficiency in this area.
- Seeking efficiency gains in logistics, business travel and machinery use to reduce emissions.

Emissions reduction actions

In CY2023, our emission reduction actions included:

- Continued recycling of batteries, toner cartridges, cardboard, plastic, clothing, plastic bottles, and cans.
- Initiated purchasing FSC certified paper from a new supplier, starting with our first order and committing to ongoing use.
- Continued to use battery-powered reach trucks/forklifts that were purchased in CY2022.

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:	2021	566.6	N/A
Year 2:	2022	757.2	N/A
Year 3:	2023	887.4	N/A

Significant changes in emissions

No significant changes in emissions to disclose

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 the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	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	0.30	0.30
Cleaning and chemicals	0.00	0.00	0.00	0.00
Electricity	0.00	75.97	5.73	81.70
Food	0.00	0.00	3.75	3.75
ICT services and equipment	0.00	0.00	54.59	54.59
Machinery and vehicles	0.00	0.00	18.27	18.27
Postage, courier and freight	0.00	0.00	381.56	381.56
Products	0.00	0.00	2.73	2.73
Professional services	0.00	0.00	28.88	28.88
Refrigerants	0.75	0.00	0.00	0.75
Stationary energy (liquid fuels)	4.81	0.00	1.60	6.41
Transport (air)	0.00	0.00	4.44	4.44
Transport (land and sea)	67.84	0.00	163.94	231.79
Waste	0.00	0.00	61.43	61.43
Water	0.00	0.00	2.40	2.40
Working from home	0.00	0.00	0.08	0.08
Office equipment and supplies	0.00	0.00	8.32	8.32
Total emissions (tCO_2-e)	**73.40**	**75.97**	**738.02**	**887.39**

Uplift factors

N/A

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)	888	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 (%)
150 MW grid connected Wind Power based electricity generation project	VCU	Verra	10/06/2024	9085-66681452-66682339-VCS-VCU-1491-VER-IN-1-292-01012017-31122017-0	2017	0	888	0	0	888	100%
									Total eligible offsets retired and used for this report	**888**	
									Total eligible offsets retired this report and banked for use in future reports	**0**	

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 **location 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)	27,177	0	19%
Residual Electricity	116,162	105,707	0%
Total renewable electricity (grid + non grid)	**27,177**	**0**	**19%**
Total grid electricity	**143,339**	**105,707**	**19%**
Total electricity (grid + non grid)	**143,339**	**105,707**	**19%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**116,162**	**105,707**	
Scope 2	103,397	94,091	
Scope 3 (includes T&D emissions from consumption under operational control)	12,765	11,616	
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 CO_2-e)	**94.09**
Residual scope 3 emissions (t CO_2-e)	**11.62**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**94.09**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**11.62**
Total emissions liability (t CO_2-e)	**105.71**

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)**
WA	143,339	143,339	75,970	5,734	0	0
Grid electricity (scope 2 and 3)	**143,339**	**143,339**	**75,970**	**5,734**	**0**	**0**
WA	0	0	0	0		
Non-grid electricity (behind the meter)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**143,339**					

Residual scope 2 emissions (t CO_2-e)	**75.97**
Residual scope 3 emissions (t CO_2-e)	**5.73**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**75.97**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**5.73**
Total emissions liability	**81.70**

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**

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

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO_2-e)
N/A	**0**	**0**

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

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
Purchased goods and Services	Y	N	N	N	N	Integrated Industrial provides supply solutions to other companies. They do not have any control over the manufacturing of goods sold or add any value to the product and they are passed as-is

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