



# **PUBLIC DISCLOSURE STATEMENT**

**INTEGRATED INDUSTRIAL PTY LTD  
ORGANISATION CERTIFICATION  
CY2021**


Australian Government

# Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Integrated Industrial Pty Ltd
REPORTING PERIOD	Calendar year 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>Rodney Cox Managing Director 6<sup>th</sup> December 2022</p>



**Australian Government**

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

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.

# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	567 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	0%
TECHNICAL ASSESSMENT	21 October 2022 Deepali Ghadge Pangolin Associates Next technical assessment due: 30 <sup>th</sup> April 2025
THIRD PARTY VALIDATION	Type 2 5 October 2022 Wali Aziz Walker Wayland NSW

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the calendar year 2021, from 1 January 2021 to 31 December 2021, and covers the Australian business operations of Integrated Industrial Pty Limited (ABN 30 123 184 252), trading as Integrated Industrial, for the purpose of carbon neutral medium organisation certification.

*“Climate Active certification is our badge of honour and signifies Integrated Industrial’s commitment to a cleaner and greener future for the world”*

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

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<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

### Organisation description

Integrated Industrial 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.

## 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 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
<b><u>Quantified</u></b> Electricity Telecommunications Water IT Equipment Paper Employee Commute Transport Fuels (Gasoline & Diesel oil) Stationary Fuels (LPG) Consulting services Computer and technical services Licence fee Personal services Freight (Air & road) Refrigerant Waste (Landfill & Recycling)	<b><u>Non-quantified</u></b> Advertising Marketing Cleaning services	<b><u>Excluded</u></b> Products supplied from different manufacturers
	<b><u>Optionally included</u></b> N/A	

## Data management plan for non-quantified sources

The expenses like cleaning services, advertising, marketing, etc were not quantified this year due to lack of availability of data and estimated to be immaterial.

## 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.

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.
- Assessing the switch to GreenPower electricity instead of standard grid electricity.

Scope 3 emissions will be reduced by:

- Undertaking a route optimisation assessment for freight activity to reduce fuel consumption.
- 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.
- Continuing to implement and extend recycling programs.
- Seeking efficiency gains in logistics, business travel and machinery use to reduce emissions.

### Emissions reduction actions

Integrated Industrial has already taken significant steps to reduce our Scope 1 and Scope 3 emissions over the last 3 years. These initiatives have included:

- Purchasing of a bailing machine to reduce bin lifts by 75%
- Recycling a total of 11,100kg of cardboard and 5,760kg of plastic since September 2021.
- Installed LED lighting throughout the premises
- Purchase of an electric forklifts reducing gas consumption by 40%
- Using 100% recycled paper
- Internal recycling programs for printer cartridges, batteries, clothing and paper.

## 5.EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products and services

Pangolin Associates Pty Ltd did the carbon footprint and CA submission for this organisation.

### 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 <sub>2</sub> -e)
Electricity	106.45
ICT services and equipment	27.12
Office equipment & supplies	1.58
Postage, courier and freight	220.95
Refrigerants	0.12
Stationary Energy (gaseous fuels)	5.91
Transport (Land and Sea)	147.2
Waste	47.7
Water	5.34
Personal services	4.15
<b>Total</b>	<b>566.6</b>

### 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 <sub>2</sub> -e
N/A	
<b>Total footprint to offset</b> <i>(total net emissions from summary table + total uplifts)</i>	<b>566.6</b>



## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears		
1.	Total emissions footprint to offset for this report	566.6
2.	Total eligible offsets purchased and retired for this report	567
3.	Total eligible offsets banked to use toward next year's report	0

### Co-benefits

#### Wind Based Power Generation by Mytrah Energy (India) Limited

As well as providing a source of clean energy, the Mytrah Energy Wind Power Project improves the overall well-being of local communities. The result of Mytrah's work is impressive and contributes to the United Nations Sustainable Development Goals as it provides employment, clean water and sanitation, improved agricultural techniques, and opportunities for everyone - including women and youth. Here are just a few examples.

Lifting poverty, increasing the income of farmers: Mytrah's contribution includes teaching better, more environmentally-sound methods of fodder cultivation and livestock development. Farmers benefit from higher yields of milk, and higher incomes.

Providing training for youth: New training programs help youth find meaningful employment. Areas of study include IT, electrician courses, motor repairs and dairy management.

Creating educational programs for gender equality: Opportunities for adolescent girls include coaching and life skill training. Mytrah facilitates Adolescent Girls Collectives with an aim to restore the rights of young women through parent and community-wide participation.

Building better healthcare systems: This initiative provides training for healthcare workers. One successful program teaches early diagnosis for common diseases such as hypertension and diabetes. Today there is a clinic and laboratory staffed with skilled volunteers. The project also captures digital data.

Clean water and sanitation: The Swachh Bharat Sanitation Project improves the health and quality of life for rural-based people in the region. The initiative educates communities in sanitation and cleanliness and provides the necessary infrastructure.

## 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 <sub>2</sub> -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 (%)
Bundled wind Power Project by Mytrah Group, India	VCUs	Verra	20 <sup>th</sup> October 2022	<a href="#">6918-358603697-358604263-VCU-034-APX-IN-1-1728-01012017-24112017-0</a>	2017	0	567	0	0	567	100%
Total offsets retired this report and used in this report										567	
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)	567	100%

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A.

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

<b>1. Large-scale Generation certificates (LGCs)*</b>	0
<b>2. Other RECs</b>	0

\* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A									
Total LGCs surrendered this report and used in this report									

## APPENDIX A: ADDITIONAL INFORMATION

N/A.

## 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 <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
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)	29,022	0	19%
Residual Electricity	127,517	126,797	0%
<b>Total grid electricity</b>	<b>156,539</b>	<b>126,797</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>156,539</b>	<b>126,797</b>	<b>19%</b>
Electricity renewables	29,022	0	
Residual Electricity	127,517	126,797	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		126,797	
<b>Total renewables (grid and non-grid)</b>	<b>18.54%</b>		
<b>Mandatory</b>	<b>18.54%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		

<b>Residual Electricity Emission Footprint (TCO2e)</b>	<b>127</b>
<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)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
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	156,539	104,881	1,565
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>156,539</b>	<b>104,881</b>	<b>1,565</b>
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
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>156,539</b>	<b>104,881</b>	<b>1,565</b>

<b>Emission Footprint (TCO2e)</b>	<b>106</b>
<i>Scope 2 Emissions (TCO2e)</i>	105
<i>Scope 3 Emissions (TCO2e)</i>	2

### 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
Advertising	Yes	N/A	N/A	N/A
Marketing	Yes	N/A	N/A	N/A
Cleaning services	Yes	N/A	N/A	N/A

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an 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.

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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Supplied good	Yes	No	No	No	No	No





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