PUBLIC DISCLOSURE STATEMENT

ID ECOLOGICAL MANAGEMENT

ORGANISATION CERTIFICATION
FY2023–24

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	ID Ecological Management
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.*  Nicole Noy Managing Director 24/07/2025

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

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	507 tCO_2-e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	14.61%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	Date: 18/07/2025 Organisation: Pangolin Associates Next technical assessment due: FY2026-27

Contents

2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Indigenous Design Environmental Services Pty Ltd (trading as ID Ecological Management), ABN 64-081-044-144.

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 facilities:

- 1635 Main Road, Research VIC 3095
- 95 Tramway Road, Morwell VIC 3840
- 1a Cyclone St, Wonthaggi VIC 3995

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).

This Public Disclosure Statement includes information for FY2023-24 reporting period.

Organisation description

ID Ecological Management deliver:

- **Ecological Consulting -** specialising in ecological assessment, land management planning and landscape rehabilitation.
- **Ecological Restoration & Land Management -** specialising in enhancing and maintaining biodiversity and rehabilitation of degraded landscapes through targeted and effective weed control, revegetation and other recognised land management practices.

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
- 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
- Stationary energy (liquid fuels)
- Transport (land and sea)
- Waste
- Water
- Working from home

Non-quantified

N/A.

Outside emission boundary

Excluded

N/A.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

ID Ecological Management commits to reduce total scope 1, 2 and 3 emissions from the business by 15% by 2030 compared to a FY2021 baseline. This will be achieved through the following measures:

Scope 1 emissions will be reduced by:

- Replacing company-owned vehicles with electric or hybrid vehicles where practicable to reduce the emissions from scope 1 by 15% by 2030.

Scope 2 emissions:

- ID Ecological Management currently purchases offset for its electricity consumption, but their ultimate goal is to procure Green Power and depend entirely on renewable energy sources.

Scope 3 emissions will be reduced by:

- Investigating the potential to engage suppliers for the purpose of achieving more accurate emissions calculations of our purchased goods and services.
- Investigate how we can work with our suppliers of horticulture and agricultural products to both build more accurate emissions calculations of those products and help to decarbonize that sector to reduce the emissions from scope 3 by 10% by 2030.

Emissions reduction actions

ID Ecological Management took the following emission reduction actions in FY2023-24:

- Held internal and client meetings online wherever possible in order to reduce emissions from travel.
- Continued to provide options for office employees to work from home.
- Replaced one of our office vehicles with a hybrid model in order to reduce fuel emissions.
- Continued to research and monitor the market for electric/hybrid options for our fleet of utility vehicles.
- Scheduling field staff to work at sites that minimise travel distance.

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:	2020-21	343.17	343.17
Year 2:	2021-22	376.00	376.00
Year 3:	2022-23	513.82	513.82
Year 4:	2023-24	506.18	506.18

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**
Diesel oil post-2004 (GJ)	210.29	252.49	Increase in workload

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

Certified brand name	Product/Service/Building/Precinct used
Powershop	Electricity and gas products
Telstra	Telecommunications service

Emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a market-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	1.22	1.22
Cleaning and Chemicals	0.00	0.00	0.85	0.85
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	5.71	5.71
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	0.80	0.80
Horticulture and Agriculture	0.00	0.00	87.21	87.21
ICT services and equipment	0.00	0.00	1.90	1.90
Machinery and vehicles	0.00	0.00	2.87	2.87
Office equipment & supplies	0.00	0.00	0.61	0.61
Postage, courier and freight	0.00	0.00	7.76	7.76
Products	0.00	0.00	28.30	28.30
Professional Services	0.00	0.00	0.51	0.51
Refrigerants	0.10	0.00	0.00	0.10
Stationary Energy (liquid fuels)	7.33	0.00	1.86	9.19
Transport (Land and Sea)	0.00	0.00	349.89	349.89
Waste	0.00	0.00	3.28	3.28
Water	0.00	0.00	0.77	0.77
Working from home	0.00	0.00	5.20	5.20
Total emissions (tCO_2-e)	**7.43**	**0.00**	**498.75**	**506.18**

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)	507	100%

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 Solar Power Project by Solararise India Projects Stapled with Greenfleet	VCU	Verra Registry	14/01/2025 09/01/2025	10731-245154377-245154583-VCS-VCU-997-VER-IN-1-1762-01012020-25082020-0	2020	207	0	0	207	40.83%
Bundled Solar Power Project by Solararise India Projects Stapled with Greenfleet	VCU	Verra Registry	14/01/2025 09/01/2025	10731-245167279-245167578-VCS-VCU-997-VER-IN-1-1762-01012020-25082020-0	2020	300	0	0	300	59.17%

Co-benefits

The project activity involves the installation of Solar PV project. The total installed capacity of the project is 120 MW of Solar PV plant located at different states in India. The project is promoted by SolarArise India Projects Pvt. Ltd. Below are the co-benefits of the project:

- Social well-being: The project would help in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region like development of roads and also may promote business with improved power generation.
- Economic well-being: The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity will also help to reduce the demand supply gap in the state. The project activity will generate power using zero emissions Solar PV based power generation which helps to reduce GHG emissions and specific pollutants like SOx, NOx, and SPM associated with the conventional thermal power generation facilities.
- Technological well-being: The successful operation of project activity would lead to promotion of Solar based power generation and would encourage other entrepreneurs to participate in similar projects

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

Greenfleet

09/01/2025

This certificate acknowledges that

ID Ecological Management

has offset 507.0 tonnes of carbon through native reforestation with Greenfleet.

Greenfleet is a leading not-for-profit environmental organisation that has delivered climate action for over 25 years. We are focused on protecting our climate by restoring native forests that remove carbon, conserve biodiversity and build critical habitat for native wildlife.

Since 1997, Greenfleet has planted over 10.8 million native trees to create more than 550 legally protected forests. Thanks to you, Greenfleet will continue protecting our climate, addressing critical deforestation and growing native forests that are legally protected for up to 100 years.

ID Ecological Management is taking climate action and supporting the restoration of legally protected, native Australian forests.

Together, we are growing our forests and growing climate hope.

Warm regards,

Wayne

Wayne Wescott | Greenfleet CEO

GROWING HOPE

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)	2,683	0	15%
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)	0	0	0%
Residual Electricity	15,687	14,275	0%
Total renewable electricity (grid + non grid)	**2,683**	**0**	**15%**
Total grid electricity	**18,370**	**14,275**	**15%**
Total electricity (grid + non grid)	**18,370**	**14,275**	**15%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**15,687**	**14,275**	
Scope 2	13,963	12,706	
Scope 3 (includes T&D emissions from consumption under operational control)	1,724	1,569	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**14.61%**
Mandatory	**14.61%**
Voluntary	**0.00%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO_2-e)	**12.71**
Residual scope 3 emissions (t CO_2-e)	**1.57**
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_2-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)**
VIC	18,370	18,370	14,512	1,286	0	0
Grid electricity (scope 2 and 3)	**18,370**	**18,370**	**14,512**	**1,286**	**0**	**0**
VIC	0	0	0	0		
Non-grid electricity (behind the meter)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**18,370**					

Residual scope 2 emissions (t CO_2-e)	**14.51**
Residual scope 3 emissions (t CO_2-e)	**1.29**
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	**0.00**

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)
PowerShop - Melbourne location	**7,138**	**0**
PowerShop - Morwell location	**7,195**	**0**
PowerShop - Wonthaggi location	**4,037**	**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
N/A.						

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