



# **PUBLIC DISCLOSURE STATEMENT**


ECOVANTAGE PTY LTD

ORGANISATION CERTIFICATION  
FY2023–24

Australian Government

# Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Ecovantage Pty Ltd
REPORTING PERIOD	Financial year 1 July 2023 – 30 June 2024 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>Aaron Jenkins Chief Executive Officer, Ecovantage Date 3 April 2025</p>



Australian Government

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Department of Climate Change, Energy,  
the Environment and Water

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Version 9.

# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	381 tCO <sub>2</sub> -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	Total renewables 100%
CARBON ACCOUNT	Prepared by: The CN Agency
TECHNICAL ASSESSMENT	20 Oct 2024 Dee Cartmel The CN Agency Next technical assessment due: FY2027

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## 2.CERTIFICATION INFORMATION

### Description of organisation certification

This inventory has been prepared for Ecovantage Pty Ltd for its organisational carbon neutral certification under Climate Active. The inventory covers the financial year from 1 July 2023 to 30 June 2024.

The emissions boundary has been defined based on operational control approach and it includes all business operations of Ecovantage in Victoria, New South Wales, Queensland, and South Australia. All relevant emission sources have been included and are consistent with the base year of FY2020-2021. This submission also includes emission sources (Products and Construction materials & services) attributed to services provided by Ecovantage. Ecovantage's service provisions are not included in this certification. The methods used for collecting data, calculating emissions, and consolidating the carbon inventory are based on the Climate Active Carbon Neutral Standard for Organisations, the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (revised edition).

The greenhouse gases considered within the inventory are those that are commonly reported under Kyoto Protocol: Carbon Dioxide (CO<sub>2</sub>), Methane (CH<sub>4</sub>), Nitrous Oxide (N<sub>2</sub>O) and synthetic gasses – Hydrofluorocarbon (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF<sub>6</sub>) and Nitrogen Trifluoride (NF<sub>3</sub>). All emissions are reported in tonnes of Carbon Dioxide equivalent (tCO<sub>2-e</sub>).

### Organisation description

Ecovantage Pty Limited (ABN 32 126 255 856) trading as Ecovantage is an environmental consultancy that specialises in certificate creation and trading. The organisation provides environmental, planning, management, advisory & consultancy services relating to: energy efficiency, energy consumption and energy conservation; environmental auditing and assessment including greenhouse gas emissions assessments and management; and provision of energy savings plans for residential and commercial customers.

Ecovantage was established in 2007 to support businesses and households to reduce energy use and contribute to the fight against climate change through a reduction in emissions. Our offices in Sydney, Melbourne, Sunshine Coast, and Adelaide are staffed with ~45 employees who are genuinely passionate about energy efficiency and are dedicated to helping our customers save energy and save money.

Ecovantage works within the energy efficiency schemes in New South Wales, Victoria, South Australia, and Queensland as well as the national Renewable Energy Target and Emission Reduction Funds scheme to help businesses and households access incentives for energy efficiency upgrades. We specialise in creating and trading energy efficiency certificates. Ecovantage has supported businesses in abating more than 10 million tonnes of carbon dioxide over 15 years of business operations. For our organisation, maintaining our carbon neutrality aligns with our goals and values.

## 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  
Construction materials and services  
Electricity  
Food  
ICT services and equipment  
Machinery and vehicles  
Office equipment and supplies  
Postage, courier and freight  
Products  
Professional services  
Stationary energy (gaseous fuels)  
Stationary energy (liquid fuels)  
Transport (air)  
Transport (land and sea)  
Waste  
Water  
Working from home

### Non-quantified

Refrigerants

## Outside emission boundary

### Excluded

## 4.EMISSIONS REDUCTIONS

### Emissions reduction strategy

Ecovantage committed to significantly reduce organisation activity emissions over five years using the financial year 2020-2021 as a baseline. The baseline strategy in FY 2020-21 stated Ecovantage aimed to reduce its emissions by 10% over the next 5 years as compared to the base year. This has been achieved in FY 2023-24 with a 56% reduction.

The subsequent year targets include a 30% reduction in Scope 1 and 2 emissions and 15% reduction in Scope 3 emissions by 2030. Ecovantage aims to reduce emissions intensity of 8.5 tCO<sub>2</sub>/FTE (total emissions per FTE) from a FY2020-21 base year. The use of emission intensity as a reduction is to allow for fluctuations in business operations. Our strategy encompasses the following key actions:

1. **Staff Travel** We have updated our business travel policy to prioritise virtual meetings over in-person gatherings whenever feasible. This approach will help minimize emissions from travel and accommodation.
2. **Electricity** Ecovantage planned to decrease our Scope 2 grid electricity emissions by 30% by 2025 from a 2020-2021 base year. This strategy included upgrading to the most energy-efficient lighting available and installing solar panels at our Victorian office to generate on-site renewable energy. For locations without solar capability, we will retire Large-scale Generation Certificates (LGCs) for all electricity use. Our organization is currently operating on 100% renewable energy through LGC retirement and GreenPower.
3. **Working from Home** We will maintain hybrid work options for all employees across various states to reduce Scope 3 commuting emissions. To support energy efficiency at home, we offer upfront discounts on products and services through our operations and assist employees in accessing state-specific energy efficiency programs.
4. **Vehicles** We have reduced our fleet and continue to transition our fleet to electric vehicles, with all new company vehicle leases being electric.
5. **Staff Induction & Training** Employees receive training on energy efficiency best practices for both the workplace and home. We host ongoing initiatives to raise awareness of sustainable practices and provide additional education on reducing emissions.
6. **ICT Services and Equipment** Ecovantage reviews our IT infrastructure annually to explore sustainable options, including reduction in purchases, purchasing refurbished IT equipment and energy-efficient equipment and products. When procuring new ICT Services Ecovantage seek to understand the vendor's product or service emissions.
7. **Professional Services** We will prioritize working with professional service providers who are carbon-neutral certified or have sustainability and emissions reduction strategies.

### Emissions reduction actions

**ICT:** We successfully reduced ICT purchases this financial year, streamlining operations and minimizing electronic waste, contributing to our overall sustainability strategy.

**Vehicles:** We have downsized our vehicle fleet, improving operational efficiency.

**Facilities:** Solar panels have been installed on our Abbotsford location, ceiling fans upgraded for energy efficiency, and all lighting systems replaced with LED fixtures and motion sensing dimmers which decrease to 10% intensity when not required.

**Supply Chain:** Our sustainability actions have been presented to the accounting and legal teams, inspiring them to take meaningful steps toward incorporating sustainability into their own processes.

## 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/Year 1:	2020-21	872	949
Year 2:	2021-22	1114	1114
Year 3:	2022-23	932	932
Year 4	2023-24	381	381

### Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Reason for change
Computer and technical services	73.29	46.63	Decrease in staff and ICT restructuring
Short economy class flights (>400km, ≤3,700km)	21.18	38.62	Management restructuring requiring in person response
Technical Services	207.95	0.00	This emission source is associated to a service Ecovantage no longer provides in this reporting period.
Road Freight (\$)	48.51	0.00	This emission source is associated to a service Ecovantage no longer provides in this reporting period.
Fabricated Metal Products (general)	213.44	68.27	Decrease in volume of service requiring metal products.
Advertising services	37.85	30.13	Decrease in volume of service which was main advertisement.

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

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



## 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 <sub>2</sub> -e)	Scope 2 emissions (tCO <sub>2</sub> -e)	Scope 3 emissions (tCO <sub>2</sub> -e)	Total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	5.82	5.82
Cleaning and chemicals	0.00	0.00	2.83	2.83
Construction materials and services	0.00	0.00	68.27	68.27
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	4.49	4.49
ICT services and equipment	0.00	0.00	55.33	55.33
Machinery and vehicles	0.00	0.00	28.41	28.41
Office equipment and supplies	0.00	0.00	4.28	4.28
Postage, courier and freight	0.00	0.00	0.27	0.27
Products	0.00	0.00	0.18	0.18
Professional services	0.00	0.00	91.18	91.18
Stationary energy (gaseous fuels)	0.13	0.00	0.02	0.15
Stationary energy (liquid fuels)	0.50	0.00	0.12	0.62
Transport (air)	0.00	0.00	38.69	38.69
Transport (land and sea)	0.00	0.00	47.19	47.19
Waste	0.00	0.00	24.88	24.88
Water	0.00	0.00	0.25	0.25
Working from home	0.00	0.00	7.71	7.71
<b>Total emissions (tCO<sub>2</sub>-e)</b>	<b>0.63</b>	<b>0.00</b>	<b>379.93</b>	<b>380.56</b>

## 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)		381		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
Renewable Wind Power Project by Hero Future Energies	VCU	Verra	26/10/2023	15406-691328951-691329950-VCS-VCU.997-VER-IN-1-1946-01012021-31122021-0	2021	1000	932	2	66	17%
CYY Biopower Wastewater treatment plant including biogas reuse for thermal oil replacement and electricity generation Project, Thailand	VCU	Verra	27/03/2025	15452-694788754-694789068-VCS-VCU-842-VER-TH-13-2261-25032019-31122019-0	2019	315	0	0	315	83%

## Co-benefits

### **Renewable Wind Power Project by Hero Future Energies Project type: PRO, India**

At HFE, we believe that our actions today will shape the world of tomorrow. Preserving the local environment is one of our key objectives while planning and executing projects. In partnership with the Raman Kant Munjal Foundation in India, we design and execute various Corporate Social Responsibility (CSR) programmes that aim to improve the quality of life of communities in and around our project sites. Our ESG and CSR strategies are about making a tangible positive impact and creating a better world for future generations.

### **CYY Biopower Wastewater treatment plant including biogas reuse for thermal oil replacement and electricity generation Project, Thailand**

Prior to this project, wastewater was treated through cascading open lagoons. This process resulted in the steady release of methane into the atmosphere. This project installed a closed lagoon anaerobic system that captures methane gas emissions and uses them to generate clean energy. This not only avoids the emission of potent greenhouse gases, but displaces energy sourced from the burning of fossil fuels.

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## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

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

<b>1. Large-scale Generation certificates (LGCs)*</b>	<b>5</b>
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\* 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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Solar Farm	WA, Australia	LGC	REC Registry	31/10/2024	SRPVWA94	1-5	2024	Solar	5
Total LGCs surrendered this report and used in this report									5

# APPENDIX A: ADDITIONAL INFORMATION



## Certificate of climate protection

This certificate verifies that

**Ecovantage Pty Ltd**

has funded climate action through verified contributions.

**315 carbon credits surrendered on behalf of  
Ecovantage Pty Ltd for the purpose of Climate  
Active Carbon Neutral Certification for FY23-24.**

**315 tCO<sub>2</sub>e**

has been removed or reduced from the atmosphere through supporting South Pole's climate action

Project Name	Project ID	Quantity
<a href="#">Nakhon Biogas</a>	GS <a href="#">560</a>	315 tonnes
	GS <a href="#">775</a>	
	CDM <a href="#">2141</a>	
	Verra <a href="#">2261</a>	

Daniel Klier  
CEO, South Pole



### Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 27 Mar 2025, 315 Verified Carbon Units (VCUs) were retired on behalf of:

Ecovantage Pty Ltd

**Project Name**  
CYY Biopower Wastewater treatment plant including biogas reuse for thermal oil replacement and electricity generation Project, Thailand

**VCU Serial Number**  
15452-694788754-694789068-VCS-VCU-842-VER-TH-13-2261-25032019-31122019-0

**Additional Certifications**

Powered by APX



## Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 26 Oct 2023, 1,000 Verified Carbon Units (VCUs) were retired on behalf of:

Ecovantage

### Project Name

Renewable Wind Power Project by Hero Future Energies

### VCU Serial Number

15406-691328951-691329950-VCS-VCU-997-VER-IN-1-1946-01012021-31122021-0

### Additional Certifications

Powered by  APX

## 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 <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)	5,000	0	17%
GreenPower	19,822	0	66%
Climate Active certified - Precinct/Building (voluntary renewables)	0	0	0%
Climate Active certified - Precinct/Building (LRET)	0	0	0%
Climate Active certified - Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Climate Active certified - Electricity products (voluntary renewables)	0	0	0%
Climate Active certified - Electricity products (LRET)	0	0	0%
Climate Active certified - 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)	5,656	0	19%
Residual electricity	-262	-239	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>30,478</b>	<b>0</b>	<b>101%</b>
<b>Total grid electricity</b>	<b>30,216</b>	<b>0</b>	<b>101%</b>
<b>Total electricity (grid + non grid)</b>	<b>30,216</b>	<b>0</b>	<b>101%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>-262</b>	<b>-239</b>	
Scope 2	-234	-213	
Scope 3 (includes T&D emissions from consumption under operational control)	-29	-26	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>100.87%</b>
<b>Mandatory</b>	<b>18.72%</b>
<b>Voluntary</b>	<b>82.15%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>-0.21</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>-0.03</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.00</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>0.00</b>

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 <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
NSW	3,612	3,612	2,456	181	0	0
SA	6,207	6,207	1,552	497	0	0
VIC	16,210	16,210	12,806	1,135	0	0
QLD	4,187	4,187	3,057	628	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>30,216</b>	<b>30,216</b>	<b>19,870</b>	<b>2,440</b>	<b>0</b>	<b>0</b>
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>30,216</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>19.87</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>2.44</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>19.87</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>2.44</b>
<b>Total emissions liability</b>	<b>22.31</b>

## 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 <sub>2</sub> -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 <sub>2</sub> -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
Refrigerants	Immaterial

### Data management plan for non-quantified sources

Estimating the organisation's refrigerant emission sources is not practical and considered immaterial – (<1% of the inventory). Ecovantage will continue to work with building managers to seek the information required to gain actual data for inclusion in the emissions boundary next financial year.

## 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	N/A	N/A	N/A	N/A	N/A	<b>Size:</b> N/A <b>Influence:</b> N/A <b>Risk:</b> N/A <b>Stakeholders:</b> N/A <b>Outsourcing:</b> N/A



An Australian Government Initiative

