PUBLIC DISCLOSURE STATEMENT

ECOVANTAGE PTY LTD

ORGANISATION CERTIFICATION
FY2022–23

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Ecovantage Pty Ltd
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 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.*  Aaron Jenkins Energy & Carbon Division General Manager, Ecovantage Date 27 October 2023

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

Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	932 tCO_2-e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	Total renewables 73.72%
CARBON ACCOUNT	Prepared by: Dee Cartmel, Ecovantage
TECHNICAL ASSESSMENT	N/A Next technical assessment due: FY2024

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2.CARBON NEUTRAL INFORMATION

Description of 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 2022 to 30 June 2023.

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.

The methods used for collecting data, calculating emissions, and consolidating the carbon inventory are based on the Climate Active Carbon Neutral Standard for Organisation, 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_2), Methane (CH_4), Nitrous Oxide (N_2O) and synthetic gasses – Hydrofluorocarbon (HFCs), Perflurocarbons (PFCs), Sulphur Hexafluoride (SF_6) and Nitrogen Trifluoride (NF_3). All emissions are reported in tonnes of Carbon Dioxide equivalent (tCO_{2-e}).

"Ecovantage is dedicated to making a difference and supporting our customers to contribute to the fight against climate change by reducing our emissions. We are passionate about this and maintaining our Carbon Neutral certification aligns with our company values."

Organisation description

Ecovantage Pty Limited (ABN 32 126 255 856) trading as Ecovantage is an environmental consultancy services company that specialises in providing 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 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 reducing more than 6 million tonnes of carbon dioxide over 14 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

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

Office equipment and supplies

Non-quantified

Refrigerants

Outside emission boundary

Excluded

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Ecovantage is committed to reducing our emissions over the next five years. We have set an emission reduction target to reduce our Scope 1 & 2 emissions by 30% by 2030 from a financial year 2020-2021 base year. We have a further target to reduce our Scope 3 emissions by 15% within the same timeframe, relative to the same baseline. Ecovantage will achieve this through the following actions:

1. **Staff Travel**

   Refresh our existing business travel policy to include a preference for the use of virtual meeting platforms instead of in person meetings, where possible. The use of virtual meeting platforms will support reducing emissions associated with business travel and accommodation.

   Where travel is required, staff are encouraged to use vendors that are already carbon neutral certified or those that have sustainability and emission reduction strategies in place. Sales staff who are required to travel are already provided with a yearly travel budget and should not exceed this budget for work related travel.

2. **Electricity**

   Ecovantage will reduce our Scope 2 grid electricity emissions by 30% by 2025 by upgrading our office lighting to the most energy efficient options. Ecovantage will further install solar panels on our Victorian office to procure on-site renewable energy. For any offices without on-site solar options, LGCs will be retired for all electricity consumption. Ecovantage already uses 100% renewable energy through the retirement of LGCs.

3. **Working from home**

   Ecovantage will continue to provide hybrid home/office work options for all employees across all states to reduce Scope 3 staff commuting emissions. Ecovantage further supports energy efficiency improvements in staff homes. This is done through up-front discounts to products and services offered through Ecovantage operations. Ecovantage also provides assistance to our staff to navigate in supporting the scheme in the state in which they work.

4. **Vehicles**

   Ecovantage is already in the process of switching our fleet over to electric vehicles. All new vehicles leases for company use will be electric vehicles only. From 1 July 2023, staff traveling by personal vehicles will no longer be reimbursed unless the vehicle is hybrid or electric.

5. **Staff Induction & Training**

   In the Ecovantage employee induction, staff will be trained on best practices around energy efficiency in the workplace as well as tips on reducing emissions at home. Ecovantage will host ongoing training initiatives for staff to continue to educate and build awareness with staff around sustainable initiatives and tips.

6. ICT Services and Equipment

Ecovantage will undertake a review of the company IT infrastructure. This will include an investigation into more sustainable IT options including energy efficient equipment and products that have published embodied emissions factsheets.

7. Professional Services

Ecovantage will prefer professional service providers who are already carbon neutral certified or those that have sustainability and emission reduction strategies in place. From 2030 onwards, Ecovantage has committed to prioritising working with carbon neutral providers. Ecovantage will continue to engage with our professional service providers to encourage these providers to obtain carbon neutral certification or develop emission reduction strategies.

Emissions reduction actions

During the reporting period Ecovantage matched 100% of our electricity consumption with renewable energy sources. This was achieved through:

- The purchase of GreenPower in our Victoria, South Australia, New South Wales Offices; and
- The purchase of LGCs for all remaining electricity consumption including base building energy.

We further reduced our emissions by encouraging a flexible work approach where employees may work from home 1-2 days per week as well as using virtual meeting platforms to reduce business travel and accommodation emissions. Where employees travel to the office and workplaces we encourage sustainable forms of transport. In 2022, Ecovantage changed over our leased fleet of vehicles in Queensland to electric vehicles.

In 2023 we reduced our costs and therefore emissions associated with computer hardware and electronic office equipment, telecommunications, postage and freight.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		
		Total tCO_2-e
Base year/Year 1:	2020–21	949
Year 2:	2021–22	1,114
Year 3:	2022-23	932

Significant changes in emissions

The emissions from a particular emission source have changed by at least 10% compared to the previous year, AND the emissions from this source make up at least 10% of the total carbon inventory.

Emission source name	Previous year emissions (t CO_2-e)	Current year emissions (t CO_2-e)	Detailed reason for change
Fabricated metal products	461.747	213.443	Changed product lines across all water products
Technical services	160.874	207.948	Organic growth in the business resulted in software computer and technical service increase due to payment per unit that gets verified by the software.

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

Certified brand name	Product/Service/Building/Precinct used
Powershop	100% carbon neutral electricity

Emissions summary

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

Emission category	Sum of scope 1 (tCO_2-e)	Sum of scope 2 (tCO_2-e)	Sum of scope 3 (tCO_2-e)	Sum of total emissions (t CO_2-e)
Accommodation and facilities	0.00	0.00	7.00	7.00
Cleaning and Chemicals	0.00	0.00	3.92	3.92
Construction Materials and Services	0.00	0.00	213.44	213.44
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	12.21	12.21
ICT services and equipment	0.00	0.00	87.11	87.11
Machinery and vehicles	0.00	0.00	38.24	38.24
Office equipment & supplies	0.00	0.00	48.74	48.74
Postage, courier and freight	0.00	0.00	2.47	2.47
Products	0.00	0.00	364.72	364.72
Professional Services	0.13	0.00	0.02	0.15
Stationary Energy (gaseous fuels)	0.50	0.00	0.12	0.62
Stationary Energy (liquid fuels)	0.00	0.00	21.18	21.18
Transport (Air)	20.36	0.00	66.16	86.52
Transport (Land and Sea)	0.00	0.00	18.70	18.70
Waste	0.00	0.00	0.47	0.47
Water	0.00	0.00	17.78	17.78
Working from home	0.00	0.00	8.15	8.15
Total emissions	**20.99**	**0.00**	**910.44**	**931.43**

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an arrears offsetting approach. The total emission to offset is 932 t CO_2-e. The total number of eligible offsets used in this report is 932. Of the total eligible offsets used, 0 were previously banked and 1000 were newly purchased and retired. 68 are remaining and have been banked for future use.

Co-benefits

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.

Eligible offsets retirement summary

Offsets retired 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 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 (%)**
Renewable Wind Power Project by Hero Future Energies Project type: PRO, India	VCU	Verra	26/10/2023	15406-691328951-691329950-VCS-VCU-997-VER-IN-1-1946-01012021-31122021-0	2021	0	1000	0	68	932	100%
									Total eligible offsets retired and used for this report	932	
									Total eligible offsets retired this report and banked for use in future reports	68	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	932	100%

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.

1. Large-scale Generation certificates (LGCs)*	58

* 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	VIC, Australia	LGC	REC Registry	23 Nov 2020	SRPVVCD5	516-573	2023	Solar	58
Total LGCs surrendered this report and used in this report									**58**

APPENDIX A: ADDITIONAL INFORMATION

Evidence of Voluntary Certificate Surrender

Company: Ecovantage Pty Ltd

Surrender Purpose: Surrendered on behalf of Ecovantage for Climate Active certification of the 2022/23 financial year

Field	Details
Surrender ID	Ecovantage Pty Ltd
Surrender Type	Voluntary
Surrender Reason	Altruistic purposes
Registered Person ID (Creator)	18818
Performed by User	Katie Tebbatt (TEBBK64240)
Creation Date	2023
Generation Year	2023
Fuel Source	Solar
Created by	Ecovantage Pty Ltd
Current Owner	Ecovantage Pty Ltd
Accreditation Code	SRPVVCD5
Serial Number Range	516-573
Current Status	Invalid due to voluntary surrender
Volume (units)	58
OfferID	7725
Surrender Note	Surrendered on behalf of Ecovantage for Climate Active certification of the 2022/23 financial year
Auditor Note	Accepted
Link to Public Register	https://www.rec-registry.gov.au/rec-registry/app/public/lgc-register

Ecovantage Officer Approval:

Print Name: Katie Tebbatt

Position: Business Development Manager

Signature: Ktebbatt

Date: 08/12/2023

ECOVANTAGE | EVIDENCE OF VOLUNTARY SURRENDER Page 1

VERRA

Verified Carbon Standard

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 CO2-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)	58,000	0	34%
GreenPower	45,645	0	26%
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)	23,963	0	14%
Residual Electricity	45,502	43,454	0%
Total renewable electricity (grid + non grid)	**127,608**	**0**	**74%**
Total grid electricity	**173,110**	**43,454**	**74%**
Total electricity (grid + non grid)	**173,110**	**43,454**	**74%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**45,502**	**43,454**	
Scope 2	40,183	38,375	
Scope 3 (includes T&D emissions from consumption under operational control)	5,318	5,079	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**73.72%**
Mandatory	**13.84%**
Voluntary	**59.87%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO2-e)	**38.37**
Residual scope 3 emissions (t CO2-e)	**5.08**
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	33,295	33,295	24,305	1,998	0	0
SA	56,458	56,458	14,115	4,517	0	0
VIC	78,428	78,428	66,664	5,490	0	0
QLD	4,929	4,929	3,598	739	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)	**173,110**	**173,110**	**108,682**	**12,744**	**0**	**0**
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	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)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**173,110**					

Residual scope 2 emissions (t CO_2-e)	**108.68**
Residual scope 3 emissions (t CO^2-e)	**12.74**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**81.62**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**9.49**
Total emissions liability	**91.11**

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 product used	**Electricity claimed from Climate Active electricity products (kWh)**	**Emissions (kg CO_2-e)**
PowerShop	**45,645**	**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

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	NA	NA	NA	NA	NA	**Size:** e.g., The emissions source is likely to be between X and Y t-CO_2-e, which is not large compared to the total emissions from electricity, stationary energy and fuel emissions (Z t-CO_2-e). **Influence:** e.g., We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business. **Risk:** e.g., There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest. **Stakeholders:** e.g., Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business. **Outsourcing:** e.g., We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.

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