



PUBLIC DISCLOSURE STATEMENT

ECOVANTAGE PTY LIMITED


**ORGANISATION CERTIFICATION
FY2020–2021**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ecovantage Pty Ltd
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021
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 Energy & Carbon Division General Manager, Ecovantage Date 31/01/2022</p>



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

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Version September 2021. To be used for FY20/21 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	949 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	100 %
TECHNICAL ASSESSMENT	Date: 22/03/2022 Anil Bhatta Carbon & Clean Energy Solutions Next technical assessment due: March 2025
THIRD PARTY VALIDATION	Type 2 29/04/2022 Chris Wilson Pangolin Associates

Contents

1. Certification summary.....	3
2. Carbon neutral information.....	4
Description of certification	4
Organisation description.....	4
3. Emissions boundary	5
Inside the emissions boundary	5
Outside the emissions boundary	5
Data management plan for non-quantified sources.....	6
4. Emissions reductions	7
Emissions reduction strategy	7
Use of Climate Active carbon neutral products and services	7
5. Emissions summary	8
Organisation emissions summary	8
6. Carbon offsets.....	9
Offsets strategy	9
Co-benefits.....	9
Offsets summary	11
7. Renewable Energy Certificate (REC) Summary.....	12
Renewable Energy Certificate (REC) summary	12
Appendix A: Additional Information	13
Appendix B: Electricity summary.....	14
Appendix C: Inside emissions boundary	16
Non-quantified emission sources	16
Appendix D: Outside emissions boundary	17
Excluded emission sources.....	17

2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for Ecovantage Pty Limited for its organisational carbon neutral certification under Climate Active. The inventory covers the financial year from 1 July 2020 to 30 June 2021.

The emissions boundary has been defined based on operational control approach and it includes all business operations of Ecovantage in Victoria, New South Wales, 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 (CO₂), Methane (CH₄), Nitrous Oxide (N₂O) and synthetic gases – Hydrofluorocarbon (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF₆) and Nitrogen Trifluoride (NF₃). All emissions are reported in tonnes of Carbon Dioxide equivalent (tCO_{2-e})

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 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. The recently opened Queensland, Ecovantage office, which came into operation in July 2021 falls outside of the financial year covered by this inventory and has not been included for this reporting period.

Ecovantage works within the energy efficiency schemes in New South Wales, Victoria, South Australia, and Queensland as well as the national Renewable Energy Target scheme to help businesses and households access incentives for energy efficiency upgrades. We specialise in creating and trading energy efficiency certificates. We are a third-party provider under the energy efficiency schemes in New South Wales, Victoria, and South Australia and at the federal level under the Renewable Energy Target. Ecovantage has supported businesses in abating more than 5 million tonnes of carbon dioxide over 13 years of business operations. For our organisation, carbon neutrality is the obvious next step.

“Ecovantage is dedicated to making a difference and supporting our customers to contribute to the fight against climate change by reducing their emissions. We are passionate about this and becoming Carbon Neutral Certified was the logical next step for our company.”

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
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation & Facilities Air Transport Cleaning and Chemicals Electricity Food ICT Services and Equipment Land and Sea Transport Machinery and Vehicles Office Equipment and Supplies Postage, courier and freight Professional Services Stationary Energy Waste Water Working from home 	<p><u>Non-quantified</u></p> <ul style="list-style-type: none"> Refrigerants 	<p><u>Excluded</u></p>

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Ecovantage aims to reduce its emissions by 10% over the next 5 years as compared to the base year, using the strategies described below.

1. Virtual meeting platforms will be used to reduce emissions associated with business travel and accommodation.
2. Ecovantage office lighting will be upgraded to the most energy efficient options.
3. Hybrid home/office work options will be available for employees across all States.
4. Our offices will switch over to Green Power or Carbon Neutral Electricity.
5. Ecovantage will support energy efficiency improvements in employee homes by contributing \$200 per person towards lighting upgrades, water saving showerheads, heat-pump hot water, Greenpower, or other energy saving appliances for example solar panels etc.
6. Ecovantage will change over leased fleet vehicles to electrical vehicles once the lease expires in 2022.

Use of Climate Active carbon neutral products and services

N/A

5. EMISSIONS SUMMARY

Organisation emissions summary

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

Emission category	Scope 1 (tCO ₂ -e)	Scope 2 (tCO ₂ -e)	Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ - e)
Accommodation and facilities	0	0	1.38	1.38
Air transport (km)	0	0	10.01	10.01
Cleaning and chemicals	0	0	2.10	2.10
Electricity	0	0	0	0
Food	0	0	7.76	7.76
ICT services and equipment	0	0	36.66	36.66
Land and sea transport (fuel)	11.40	0	0.61	12
Land and sea transport (km)	0	0	54.22	54.23
Machinery and vehicles	0	0	8.40	8.40
Office equipment & supplies	0	0	12.94	12.94
Postage, courier, and freight	0	0	131.09	131.1
Professional services		0	566.90	566.90
Stationary energy	3.69	0	0.54	4.23
Waste	0	0	10.02	10.02
Water	0	0	0.70	0.70
Working from home	0	0	12.88	12.88
Total	15.09	0	856.21	871.30

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears

1.	Total offsets previously forward purchased and banked for this report	0
2.	Total emissions liability to offset for this report	872
3.	Net offset balance for this reporting period	872
4.	Total offsets to be forward purchased to offset the next reporting period	0
5.	Total offsets required for this report	872

Co-benefits

EcoAustralia

EcoAustralia is a stapled product that blends carbon credits with biodiversity protection. Each Eco Australia credit consists of one Australian Biodiversity unit, equal to 1.5 m² of government accredited, permanently protected Australian vegetation, and 1 tCO₂e of avoided emissions from a Verra Registry certified project.



The Myamyn project is in southwest Victoria's Annya State Forest. This project regenerates land that was illegally cleared and replanted with invasive species, which encourages the return of native wildlife such as the owl and long-nosed potoroo. The state forest is an area of high ecological value, as it contains numerous vulnerable and endangered plant and animal communities.

As well as cleared land, the site also contains remnant forests that are among the most undisturbed in the region. Further, a large freshwater wetland provides a rate pocket of habitat for local frog, bird, and bat species such as the southern toadlet, curly sedge and southern bent-wing bat. Through protecting this site and replanting cleared areas with native plants, the project permanently protects and enhances local biodiversity.

The project has rehabilitated over 20 hectares of cleared lands and has further protected a total of 200

hectares against further clearing. Habitat for vulnerable and endangered species has also been enhanced through controlling weeds and pest animals.

Southern Cardamom REDD+

This project is part of the Indo-Burma hotspot, one of the world's 34 biodiversity hotspots. It is a critical watershed for the Gulf of Thailand and provides freshwater to the largest contiguous mangrove forest, the Peam Kraspo Wildlife Sanctuary. The project supports the livelihoods of 21 villages in nine communities.

The project area contains a mosaic of habitats from dense evergreen and pipe forests on its ridgetops to lowland melaleuca wetlands, flooded grasslands, lakes, and coastal mangroves in its lowlands. The area supports at least 52 species from the International Union for Conservation of Nature Red List of Threatened Species. The landscape has also been identified by the Royal Government of Cambodia as an opportunity for tiger reproduction. Moreover, the area provides important food sources for Thailand, Cambodia, and Vietnam while supporting climate regulation for the Southeast Asian peninsula.

The project prevents emissions by providing training on improved agricultural methods, creating alternative income sources, creating new jobs, and supporting stricter environmental law enforcements across the landscape. Community members and project stakeholders were consulted during this period to determine the Project's expected benefits, costs, and risks.

Offsets summary

Proof of cancellation of offset units

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	Eligible quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Myamyn Conservation Project, Australia and Siam Cement Biomass Project	ABU- VCU	Ecoregistry Verra	16 Aug 2022	23765-24200 13404-500573573-500574008-VCS-VCU-842-VER-TH-4-403-01012014-31122014-0	2014	436 436	0	0	436	50%
Southern Cardamom REDD+ Project, Cambodia	VCU	Verra	16 Aug 2022	6829-349001438-349001786-VCU-006-MER-KH-14-1748-01012015-31122015-1	2015	349	0	0	349	40%
Siam Cement Biomass Project	VCU	Verra	16 Aug 2022	13404-500573486-500573572-VCS-VCU-842-VER-TH-4-403-01012014-31122014-0	2014	87	0	0	87	10%
<i>Total offsets retired this report and used in this report</i>									872	
<i>Total offsets retired this report and banked for future reports</i>								0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	872	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)*	72
2. Other RECs	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
Solar Farm	LGC	REC Registry	1 Aug 2022	SRPVVCZ6	8371-8442	2021	72	Solar	VIC, Australia
<i>Total LGCs surrendered this report and used in this report</i>									72

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-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 ₂ -e)	Renewable % 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 & Precinct LGCs)	72,000	0	72%
GreenPower	8,938	0	9%
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)	18,846	0	19%
Residual electricity	-232	-252	0%
Total grid electricity	99,582	-252	100%
Total electricity consumed (grid + non grid)	99,582	-252	100%
Electricity renewables	99,813	0	
Residual electricity	-232	-252	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		0	

Total renewables (grid and non-grid)	100.23%
Mandatory	18.93%
Voluntary	81.28%
Behind the meter	0.00%
Residual electricity emission footprint (tCO₂-e)	0

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
ACT	0	0
NSW	14,493	13,044
SA	32,109	16,697
Vic	52,980	57,748
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	99,582	87,488
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (behind the meter)	0	0
Total electricity consumed	99,582	87,488
Emission footprint (tCO₂-e)	87	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
<i>Powershop 100% Carbon Neutral Electricity</i>	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral 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 plan in place
Refrigerants	Yes	No	No	No

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
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N/A



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