



PUBLIC DISCLOSURE STATEMENT

**CRYSTAL PRINTING SOLUTIONS PTY LTD
(CRYSTAL PRINT AND PACKAGING
SOLUTIONS)**

**ORGANISATION CERTIFICATION
FY2023–24**

Australian Government

Climate Active Public Disclosure Statement




CRYSTAL
PRINT &
PACKAGING
SOLUTIONS



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Crystal Printing Solutions Pty Ltd (Crystal Print and Packaging Solutions)
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>Arnold Whiteside Director 4th November 2024</p>



Australian Government

Department of Climate Change, Energy,
the Environment and Water

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Version 9.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	2,174.14 tCO ₂ -e (Rounded up to 2,175 tCO ₂ -e)
CARBON OFFSETS USED	5% ACCUs, 95% CERs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Automic Pty Ltd
TECHNICAL ASSESSMENT	17 th May 2023 ESG Capital Pty Ltd Next technical assessment due: FY2025 report

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2.CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Crystal Printing Solutions Pty Ltd (t/a Crystal Print and Packaging Solutions), ABN 57 087 648 593, a leading printing, packaging, and signage company based in Perth. Since FY22, Crystal Printing Solutions ('CPS' or 'Company') has transitioned to the Climate Active program, furthering strengthening its commitment to achieving carbon neutrality. This certification does not include CPS' print products and services.

CPS's carbon inventory spans its office, warehouse, third-party consultants, and key suppliers like paper and freight suppliers and was compiled in accordance with the Climate Active Carbon Neutral Standard and the National Greenhouse and Energy Reporting Act 2007.

What started as an initiative to reduce high energy costs has evolved into a lasting commitment to sustainable practices and meaningful climate actions. The Company believes that businesses have the power to significantly reduce their direct and indirect emissions through strategic focus, responsible decision-making and, raising awareness.

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

Organisation description

Crystal Printing Solutions Pty Ltd (ABN 57 087 648 593) stands as a pioneer in sustainable printing and packaging. For over a decade, the Company has maintained carbon neutral status through the Carbon Reduction Initiative program. For three years now, CPS has achieved Climate Active Certification, reinforcing its dedication to reducing greenhouse gas emissions and contributing to climate action. This long-standing commitment to sustainability showcases Crystal Printing's leadership and innovation in providing environmentally responsible printing and packaging solutions. CPS operates out of a 4000 m² warehouse and office in Cannington, Perth, where all corporate and operational activities occur.

An operational control approach has been selected to determine relevant emission sources. Crystal Printing Solutions Pty Ltd trades under the following names:

- 1) Crystal Print & Packaging Solutions
- 2) Crystalpack
- 3) Worldwide Cannington
- 4) Worldwide East Perth
- 5) Worldwide Online Printing

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
- Constructions 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
- Stationary energy (liquid fuels)
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Climate Active products and services

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

N/A

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

CPS has been reporting and maintaining its carbon neutral status through the Climate Active program for three years. Since FY22, CPS has observed a 49.1% decrease in its absolute emissions and a 42.69% decrease in its emissions intensity. These decreases can be attributed to the improved emissions factors, more accurate emissions data and the climate actions that have been implemented by suppliers . In FY24, CPS has continued to progress its stated emissions reduction goals that it set out in its [FY23 Climate Active PDS](#) which the Company is proud to share below.

Emission Source	Emission Reduction Actions taken in FY24	Emissions Reduction Actions to take in FY25	Time-bound Emissions Reduction Actions	Contribution to FY24's Carbon Inventory
Paper Pulp, paper, and cardboard	<ul style="list-style-type: none"> Obtained supplier-specific emissions factor from one paper supplier. 	<ul style="list-style-type: none"> Continue to engage with top three paper suppliers (spend-derived) to obtain supplier-specific emission factors and encourage them to actively manage their emissions. 	<ul style="list-style-type: none"> Obtain supplier-specific emissions intensity (tCO₂-e/\$M AUD revenue) of three paper suppliers to improve emissions calculation accuracy by FY30. 	<ul style="list-style-type: none"> 42.76%
Electricity	<ul style="list-style-type: none"> NIL 	<ul style="list-style-type: none"> Review electricity contract to include GreenPower contribution into electricity mix. 	<ul style="list-style-type: none"> Increase renewable electricity mix to 60% by FY30. 	<ul style="list-style-type: none"> 8.51%
Road Freight Air Freight	<ul style="list-style-type: none"> NIL 	<ul style="list-style-type: none"> Engage with top three freight suppliers to obtain supplier-specific emission factors and encourage them to actively manage their 	<ul style="list-style-type: none"> Obtain supplier-specific emissions intensity (tCO₂-e/\$M AUD revenue) of three air and road freight suppliers to improve emissions 	<ul style="list-style-type: none"> 14.94%

		emissions.	calculations accuracy by FY30.	
Signage		<ul style="list-style-type: none"> Engage with top three signage suppliers to obtain supplier-specific emissions factors and encourage them to actively manage their emissions.. 	<ul style="list-style-type: none"> Obtain supplier-specific emissions intensity (tCO2-e/\$M AUD revenue) of top three signage suppliers to improve emissions calculations accuracy by FY30. 	<ul style="list-style-type: none"> 2%
Flights	<ul style="list-style-type: none"> NIL 	<ul style="list-style-type: none"> Offset all business-related travel through Qantas and Virgin Airlines Climate Active Carbon Neutral Opt-in. 	<ul style="list-style-type: none"> Develop and publish business travel policy which includes mandatory opt-in for Qantas/Virgin Australia/Jetstar business-related flights by FY25. 	<ul style="list-style-type: none"> 0.87%
General (Emissions Intensity; Scope 1 – 3)	<ul style="list-style-type: none"> FY22 Emissions Intensity: 352.46 tCO2-e/\$mil AUD revenue FY23 Emissions Intensity: 296.78 tCO2-e/\$mil AUD revenue FY24 Emissions Intensity: 201.99 tCO2-e/\$mil AUD revenue 	<ul style="list-style-type: none"> Identify other emission sources that CPS can actively manage to achieve further material emissions reduction. 	<ul style="list-style-type: none"> Reduce CPS emissions intensity by 20% on a year-on-year basis. 	<ul style="list-style-type: none"> NIL

Emissions reduction actions

Please refer to the table above.

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: 2021-22		4,267.88	N/A
Year 2:	2022-23	3,139.14	N/A
Year 3:	2023-24	2,174.14	N/A

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
Virgin paper (domestic)	1,833.81	743.35	<ul style="list-style-type: none"> Obtained supplier-specific emission factors (Spicers) which significantly reduced virgin paper emissions. Inclusion of pulp, paper, and cardboard emissions factors in updated carbon inventory (V9).

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

Certified brand name	Product/Service/Building/Precinct used
Opal Australian paper	Opal branded paper (Victory High and Review Laser)

Emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a location - 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	0.27	0.27
Cleaning and chemicals	0.00	0.00	22.71	22.71
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	0.82	0.82
Electricity	0.00	242.02	18.27	260.29
Food	0.00	0.00	3.48	3.48
Horticulture and agriculture	0.00	0.00	0.13	0.13
ICT services and equipment	0.00	0.00	6.81	6.81
Machinery and vehicles	0.00	0.00	84.22	84.22
Office equipment and supplies	0.00	0.00	895.74	895.74
Postage, courier and freight	0.00	0.00	335.24	335.24
Products	0.00	0.00	260.94	260.94
Professional services	0.00	0.00	64.00	64.00
Refrigerants	0.00	0.00	0.00	0.00
Roads and landscape	0.00	0.00	0.00	0.00
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	3.31	0.00	1.11	4.42
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	19.02	19.02
Transport (land and sea)	15.45	0.00	64.75	80.20
Waste	0.00	0.00	132.93	132.93
Water	0.00	0.00	2.93	2.93
Working from home	0.00	0.00	0.00	0.00
Total emissions (tCO₂-e)	18.76	242.02	1,913.36	2,174.14

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
Australian Carbon Credit Units (ACCUs)	109	5.01%
Certified Emissions Reductions (CERs)	2066	94.99%

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
Gindalbie Station Regeneration Project	ACCU	ANREU	11/1/2024	9,011,271,015 - 9,011,271,123	2023-24	109	0	0	109	5.01%
Ganlup Camp Hydropower project	CER	CDM registry	00/01/00	0	CP2	2066	0	0	2066	94.99%

Co-benefits

Ganluo Camp Hydropower Project

The Ganluo Camp Hydropower project is located in Aga Town in Ganluo County, Tibetan region of Sichuan Province, China, which is an economically disadvantaged region of the country. This project contributes to:

1. Social well-being by bringing electricity to villages that previously relied on firewood for energy and lacked access to lighting and electricity.
2. Economic well-being by creating 14 local employment opportunities during both the construction and operational phases.
3. Environmental protection by dedicating 2% of the power station's annual income and 5% of carbon sales income to environmental protection.
4. Social well-being by providing donations and sponsorships to local students and schools and improving local infrastructure, particularly in the enhancement of transportation.


7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

Appendix A1: Proof of CER Retirement



United Nations
Framework Convention on
Climate Change


Date: 18 OCTOBER 2024
REFERENCE: VCS007/2024

**VOLUNTARY
CANCELLATION
CERTIFICATE**

Presented to
Automatic Group
Project
Ganluo Camp Hydropower Project
Reason for cancellation
Retired on behalf of Crystal Printing Solutions to meet their carbon neutral obligations
as required for Crystal Printing Solutions' FY24 Climate Active certification.

Number of units
cancelled


2,066 CERs
Equivalent to 2,066 tonne(s) of CO₂



Start serial number: CN-5-1190864810-2-2-0-5134
End serial number: CN-5-1190868875-2-2-0-5134
Monitoring period: 01-01-2012 - 31-12-2018

The certificate is issued in accordance with the procedure for voluntary
cancellations in the CDM Registry. The reason included in this certificate is
provided by the canceller.

Appendix A2: Proof of ACCU Retirement



Australian
National Registry
of Emissions Units

Change Password Contact Us Log Out Help

Logged in as: Sebastian Sain-ley-berry-gray / Industry User

[ANREU Home](#)
[Account Holders](#)
[Accounts](#)
[Unit Position Summary](#)
[Projects](#)
[Transaction Log](#)
[CER Notifications](#)
[Public Reports](#)
[My Profile](#)

Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU36895
Current Status	Completed (4)
Status Date	01/11/2024 13:49:11 (AEDT) 01/11/2024 02:49:11 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Sain-ley-berry-gray, Sebastian
Transaction Approver	Sain-ley-berry-gray, Sebastian
Comment	Retired on behalf of Crystal Printing Solutions to meet their carbon neutral obligations as required for Crystal Printing Solutions' FY24 Climate Active certification

Transferring Account

Account Number AU-3150
Account Name EVERCLIME PTY LTD
Account Holder EVERCLIME PTY LTD

Acquiring Account

Account Number AU-1068
Account Name Australia Voluntary Cancellation Account
Account Holder Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ERF124168					2023-24		9,011,271,015 - 9,011,271,123	109

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 **location-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	89,945	0	16%
Total non-grid electricity	89,945	0	16%
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)	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)	85,483	0	16%
Residual Electricity	371,158	337,753	0%
Total renewable electricity (grid + non grid)	175,428	0	32%
Total grid electricity	456,641	337,753	16%
Total electricity (grid + non grid)	546,585	337,753	32%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	371,158	337,753	
Scope 2	330,371	300,638	
Scope 3 (includes T&D emissions from consumption under operational control)	40,787	37,116	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	32.10%
Mandatory	15.64%
Voluntary	0.00%
Behind the meter	16.46%
Residual scope 2 emissions (t CO₂-e)	300.64
Residual scope 3 emissions (t CO₂-e)	37.12
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	300.64
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	37.12
Total emissions liability (t CO₂-e)	337.75
<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) 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)
WA	456,641	456,641	242,020	18,266	0	0
Grid electricity (scope 2 and 3)	456,641	456,641	242,020	18,266	0	0
WA	89,945	89,945	0	0		
Non-grid electricity (behind the meter)	89,945	89,945	0	0		
Total electricity (grid + non grid)	546,585					

Residual scope 2 emissions (t CO ₂ -e)	242.02
Residual scope 3 emissions (t CO ₂ -e)	18.27
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	242.02
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO ₂ -e)	18.27
Total emissions liability	260.29

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

N/A.

Data management plan for non-quantified sources

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

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

N/A.



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