PUBLIC DISCLOSURE STATEMENT

RENDER GROUP PTY LTD

ORGANISATION CERTIFICATION
FY2022-23

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Render Group Pty Ltd
REPORTING PERIOD	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.* Signature here  Paul Gutteridge CFO 4 December 2023

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

Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	969.70 tCO_2-e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18.80%
CARBON ACCOUNT	Prepared by: Pathzero
TECHNICAL ASSESSMENT	Next technical assessment due: FY2025

Contents

2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023.

The emissions boundary has been defined based on the operational control approach. The boundary comprises of the certifying entity, Render Group Pty Ltd (ABN 32 658 557 941) and its Australian subsidiary, Render Networks Pty Ltd (Australia, ABN: 97 164 654 193) and its American subsidiary, Render Networks Inc (USA, EIN: 85-3819757) within the certification boundary.

This certification covers all of Render Group's operations, inclusive of Render Networks Pty Ltd (Australia) and Render Networks INC (USA) activity.

The greenhouse gases included in the inventory include all those that are reported under the Kyoto Protocol: carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF6). All emissions are reported in tonnes of carbon dioxide equivalent (t CO2e) and uses relative global warming potentials (GWPs).

Organisation description

Render Group Pty Ltd trades under ABN 32 658 557 941 and has an Australian subsidiary, Render Networks Pty Ltd (Australia, ABN: 97 164 654 193) and an American subsidiary, Render Networks Inc (USA, EIN: 85-3819757) within the certification boundary.

Render Group Pty Ltd (trading as Render Networks) is a leading geospatial fibre network construction software platform, that digitises geospatial data flows in real time. Network owners and operators use Render to significantly enhance resource efficiency and reduce project delivery timeframes.

Render Group operates out of two locations in this reporting period. The American location is a postal address only and all American employees work from home, or at client sites.

- Suite 104, 1 Crescent Rd, Glen Iris VIC 3146, Australia
- 1745 Shea Center Dr, Highlands Ranch, CO 80129, USA

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

Electricity

Accommodation and facilities

Air Travel

Base Buildings

Cleaning and chemicals

Cloud computing services

Food

ICT services and equipment

Non-company owned vehicles

Office equipment and supplies

Professional services

Postage, couriers and freight

Products

Staff commuting

Taxi and rideshare

Waste

Working from home

Non-quantified

Refrigerants

Optionally included

N/A

Outside emission boundary

Excluded

N/A

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Render is on a growth trajectory to at least double the size of the business by FY2030. With growth comes the challenge of eliminating, minimising and offsetting a potentially growing emissions profile to achieve a net zero outcome each year.

Render's Emission Reduction Strategy will be centred on two main considerations from FY2023 onwards:

- Render will develop a Procurement Policy which will govern purchasing decisions, favouring suppliers who can assist in the reduction of Render's carbon footprint.
- Due to the Australia centric nature of the Climate Active program, procurement decisions for the Australian operations will have the greatest influence with respect to Render's reportable emissions under the Climate Active program.

Emissions Reduction Strategy embedded in Render procurement policy.

Scope 3 emissions dominate Render's carbon footprint (>98%). Selection of providers who are Climate Active certified is a critical consideration to achieve any reportable emissions reduction goal. Render will implement a procurement policy which incorporates carbon emissions criteria into any purchase decision, and select Climate Active Program participants where possible, assuming a comparative value is approximately equal.

USA centric activity. It must also be noted that 57% of Render's supply chain and services (in the baseline year) are external to Australia meaning providers are unlikely to be participants in the Climate Active program. This has a material impact on the level of reduction that Render is able to commit to and report on. Therefore, goals in this PDS below relate to Australian operations which related to 43% of reportable emissions in FY2022.

Renders emissions reduction goals by scope are:

Scope 1 goal: 100% reduction on FY22 baseline of 4.17 tCO2-e by FY2024. **Achieved**

Scope 2 goal: 100% reduction on FY22 baseline of 4.09 tCO2-e by FY2025**. In progress**

Scope 3 goal: 30% reduction on the Australian Portion of the FY22 baseline 265.6 tCO2-e (43% of 617.7 tCO2-e) by FY2030**. In progress**

Professional Services. Render aims to reduce total reportable emissions related to Professional Services for Australian Operations by 30% by 2030 compared to the base year (FY2022).

ICT services and equipment Render aims to reduce total emissions related to ICT services and equipment for Australian Operations by 30% by 2030 compared to the base year (FY2022).

Air Travel activity is Render's largest source of emissions, and this is expected to more than double in the period to FY2030. Despite a smaller proportion of flights across Render Group being purchased through a Climate Active supplier, where possible, Render will prioritise purchase from Climate Active suppliers where comparative value is approximately equal. Australian domestic and international flights that are taken on an Australian carrier (considered those that depart or arrive in Australia) will be considered as Australian Operations. Render aims to reduce total reportable emissions related to Air Travel for Australian Operations by at least 30% by 2030 compared to the base year (FY2022). This will be achieved by aiming to purchase flights through Climate Active registered participants such as Qantas, Jetstar, or Virgin Australia.

Emissions reduction actions by scope

Render's FY2023 emissions increased 47% relative to the baseline year FY2022. This is due in part to a return to BAU activity, following a return from pandemic settings, along with a higher spend on marketing and professional services.

Scope 1. 100% reduction achieved.

FY23 0 tCO2-e. A 100% reduction achieved. This is due to the one-off nature of the FY22 tCO2-e. An air conditioning refrigerant leak which was addressed in FY22.

Scope 2. Renewable energy procurement. Up 85% YoY.

FY23 7.57 tCO2-e. The 85% Increase is due to higher office utilization compared to the baseline year. A switch to Climate Active Certified 100% GreenPower was made in October 2023 which will see a reduction in FY24.

Scope 3. Up 56% YoY.

FY23 961.8 tCO2-e. Professional services were the key driver on the increase in FY23. See commentary by key categories below.

Professional Services. Render Goal: Reduce Professional Services for Australian Operations by 30% by 2030 compared to the base year (FY2022). **In progress.**

This year, Marketing & Distribution and Business services within this category increased significantly – see details in section 5 below. Greater marketing activity, greater use of strategic consultants, and outsourced software engineering services drove the increase.

ICT services and equipment Render goal: Reduce total emissions related to ICT services and equipment for Australian Operations by 30% by 2030 compared to the base year (FY2022). **Achieved**

This year there has been a 56% reduction in emissions for ICT services. Tighter management of cloud services was the key driver here and will continue to be important to stay on target.

Air Travel. Render Goal: reduce total reportable emissions related to Air Travel for Australian Operations by at least 30% by 2030 compared to the base year (FY2022). **Achieved**

This year Render's air travel emissions reduced by 39%. We expect this category will fluctuate over time based on the level of international vs domestic flights required. Key elements in maintaining below target will also be the selection of Climate Active flight products where possible, and the proportion of online vs face to face meetings.

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	637.02	656.39
Year 2:	2022-23	961.84	969.70

Significant changes in emissions

Emission source name	Previous year emissions (t CO_2-e)	Current year emissions (t CO_2-e)	Detailed reason for change
Marketing and distribution	58.46	304.95	Increased marketing activity. Increased attendance and spend on trade shows
Business services	3.86	97.72	Business growth. Render engaged strategic consultants and outsourced components of software engineering - significantly increasing YoY spend in this category

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

N/A

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 (t CO2-e)	Sum of Scope 2 (t CO2-e)	Sum of Scope 3 (t CO2-e)	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	9.99	9.99
Cleaning and Chemicals	0.00	0.00	0.37	0.37
Electricity	0.00	6.68	0.88	7.57
Food	0.00	0.00	9.58	9.58
ICT services and equipment	0.00	0.00	8.77	8.77
Postage, courier and freight	0.00	0.00	0.33	0.33
Professional Services	0.00	0.00	466.64	466.64
Transport (Air)	0.00	0.00	149.07	149.07
Waste	0.00	0.00	2.30	2.30
Water	0.00	0.00	1.10	1.10
Office equipment and supplies	0.00	0.00	1.11	1.11
Base Building	0.00	0.00	17.86	17.86
Staff Commuting	0.00	0.00	23.74	23.74
Accommodation and facilities - US entity	0.00	0.00	2.57	2.57
Working from home - US entity	0.00	0.00	20.50	20.50
Waste - US entity	0.00	0.00	4.20	4.20
ICT services and equipment - US entity	0.00	0.00	0.85	0.85
Taxis & Rideshare - US entity	0.00	0.00	1.03	1.03
Professional Services - US entity	0.00	0.00	27.78	27.78
Postage, courier and freight - US entity	0.00	0.00	0.03	0.03
Food - US entity	0.00	0.00	14.38	14.38
Cloud computing services - US entity	0.00	0.00	4.34	4.34
Cloud computing services	0.00	0.00	83.13	83.13
Taxis & Rideshare	0.00	0.00	44.08	44.08
Working from home	0.00	0.00	60.53	60.53
Total	**0.00**	**6.68**	**955.16**	**961.84**

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO_2-e
Uplift to account for emission activities where non Climate Active emission factors are used	7.86
Total of all uplift factors	7.86
Total emissions footprint to offset *(total emissions from summary table + total of all uplift factors)*	**969.70**

6.CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 970t CO_2-e. The total number of eligible offsets used in this report is 970. Of the total eligible offsets used, 0 were previously banked and 970 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Dempsey Ridge Wind Project

The Dempsey Ridge wind power project consists of the installation of 66 2.0MW turbines on approximately 7,500 acres of agricultural and grazing land. The project's intent is to generate electricity from renewable sources and therefore to displace electricity that otherwise would have been procured from fossil fuel generation in the absence of the Dempsey Ridge wind farm.

The co-benefits include:

- Power Generation: The Big Smile Wind Farm at Dempsey Ridge will deliver enough clean energy to power more than 46,000 U.S. homes.
- Projected CO2 Emissions Avoided: Approximately 339,000 tons annually
- Economic Development: The Big Smile Wind Farm at Dempsey Ridge will create 13 new full-time local jobs and more than 130 people were employed during the construction phase.

Crow Lake Wind Emissions Reduction Project

This project consists of 108 wind turbines spanning 36,000 acres in South Dakota. The wind farm generates 162-megawatts, and its annual emission reductions are estimated to be 432,128 mT by displacing the need for fossil fuel power generation. Also, one of the wind turbines is owned by South Dakota's Mitchell Technical Institute and is used to educate future wind technicians.

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 (%)**
Crow Lake Wind Emissions Reduction Project	VCU	Verra	27 October 2023	12913-461378727-461379221-VCS-VCU-260-VER-US-1-756-01012020-31122020-0	2020		495	0	0	495	51%
Dempsey Ridge Wind Project	VCU	Verra	27 October 2023	10840-251088948-251089422-VCS-VCU-1590-VER-US-1-780-01012020-31122020-0	2020		475	0	0	475	49%
									Total eligible offsets retired and used for this report	970	
									Total eligible offsets retired this report and banked for use in future reports	0	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	970	100%

1.7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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)	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)	1,834	0	19%
Residual Electricity	7,922	7,566	0%
Total renewable electricity (grid + non grid)	**1,834**	**0**	**19%**
Total grid electricity	**9,757**	**7,566**	**19%**
Total electricity (grid + non grid)	**9,757**	**7,566**	**19%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**7,922**	**7,566**	
Scope 2	6,996	6,682	
Scope 3 (includes T&D emissions from consumption under operational control)	926	884	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**18.80%**
Mandatory	**18.80%**
Voluntary	**0.00%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO2-e)	**6.68**
Residual scope 3 emissions (t CO2-e)	**0.88**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**6.68**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**0.88**
Total emissions liability (t CO2-e)	**7.57**

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 (kg CO2-e)**	**Scope 3 Emissions (kg CO2-e)**	**(kWh)**	**Scope 3 Emissions (kg CO2-e)**
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	9,757	9,757	8,293	683	0	0
QLD	0	0	0	0	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)	**9,757**	**9,757**	**8,293**	**683**	**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)	**9,757**					

Residual scope 2 emissions (t CO2-e)	**8.29**
Residual scope 3 emissions (t CO2-e)	**0.68**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**8.29**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	**0.68**
Total emissions liability (t CO2-e)	**8.98**

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)
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

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:

2. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.

3. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.

4. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.

5. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.

6. **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.

There are no excluded emissions for this reporting period.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A						**Size:** **Influence** **Risk** **Stakeholders** **Outsourcing**

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