PUBLIC DISCLOSURE STATEMENT

GOODMAN GROUP

ORGANISATION CERTIFICATION

FY2022–23

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Goodman Group
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 DocuSigned by: 68D588ADB6EF436...
	Name of signatory: Carl Bicego Position of signatory: Company Secretary & Group Head of Legal & Risk Date: 4/07/2024

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

Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	19,241 tCO_2-e
OFFSETS USED	100% ACCUs
RENEWABLE ELECTRICITY	100% (Australian operations)
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	Date: 30/04/2021 Name: Paola Martinez Organisation: Ndevr Environmental Next technical assessment due: FY2024

Contents

2.CARBON NEUTRAL INFORMATION

Description of certification

Goodman Group (Goodman) supports the Paris Agreement including the call for collective action to reduce global carbon emissions, shift towards a low emissions economy, and limiting average global temperature rise to below 1.5°C. As a leading owner, developer, and manager of industrial real estate globally, we recognise the role we must play within our sector of transitioning towards a low-emissions operating model.

We believe that a sustainable approach is not only good for the environment but makes good business sense. In doing so, Goodman has committed to addressing climate risk at the highest level of the organisation, to better understand and manage exposure to climate-related risks and identify meaningful mitigation responses and opportunities. Goodman has established several emissions-related targets under its 2030 Sustainability Strategy, which set the framework and operational response for Goodman to meet its carbon-related commitments. These targets include 400 MW (installed and committed) of solar by 2025, 100% renewable electricity across global operations by 2025, and carbon-neutral operations by 2025 (achieved). We also have 2030 emissions targets validated by Science Based Targets initiative and have committed to achieving net zero emissions by 2050.

As one of the world's leading industrial property groups and the largest REIT listed on the Australian Stock Exchange, seeking Climate Active certification as a carbon-neutral organisation was a logical step for Goodman. The certification represents carbon neutrality for Goodman Group's global operations (Australia, New Zealand, Greater China, Japan, the United Kingdom, Germany, France, Italy, Spain, Benelux, Brazil, and the United States), including Goodman's corporate operations and property management activities. Emissions deemed to be under Goodman's operational control are included within the certification boundary. These relate to corporate activities and the operations of the portfolio of buildings (base-building activities) within Goodman's global investment partnerships. Embodied emissions and emissions generated from the activities of Goodman's customers are excluded from this boundary.

Organisation description

Goodman owns, develops, and manages industrial real estate including logistics facilities, warehouses, and business parks. Goodman began with one industrial building in South Sydney, Australia, purchased for less than $20 million in the mid-1980s, where our approach to sustainability was founded on our long-term relationships with customers and stakeholders.

In 2023, Goodman has grown its assets under management to $81 billion, with operations spanning across Australia, New Zealand, Greater China, Japan, the United Kingdom, Germany, France, Italy, Spain, Benelux, Brazil, and the United States. Goodman operates with more than 1,000 employees and 1,700 global customers across industries including e-commerce, logistics, retail, consumer goods, automotive, pharmaceutical and technology.

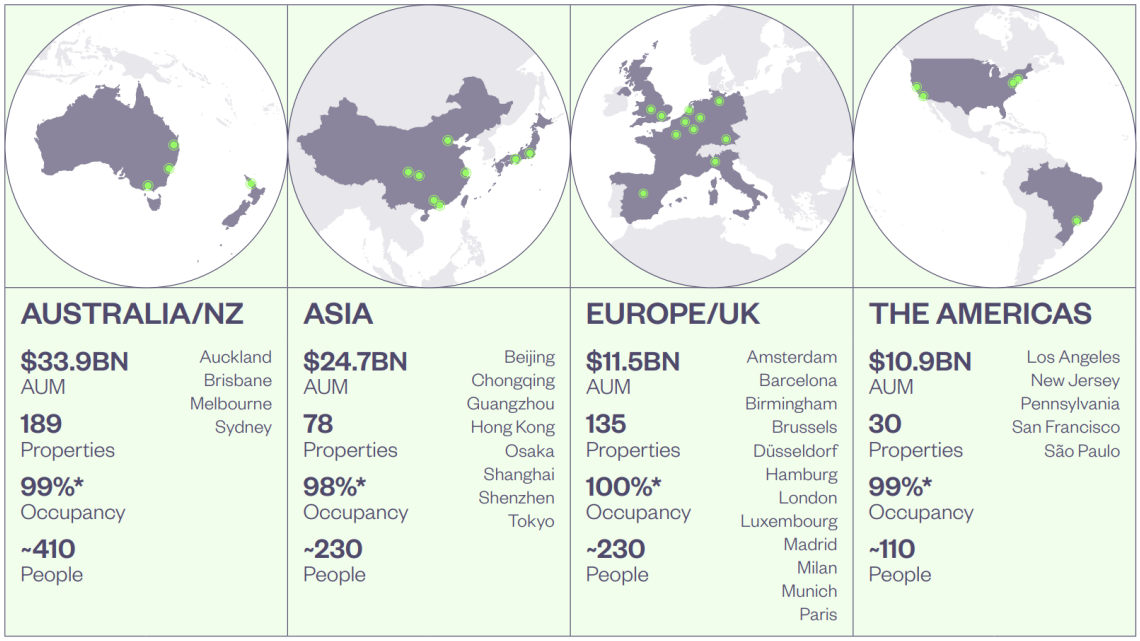
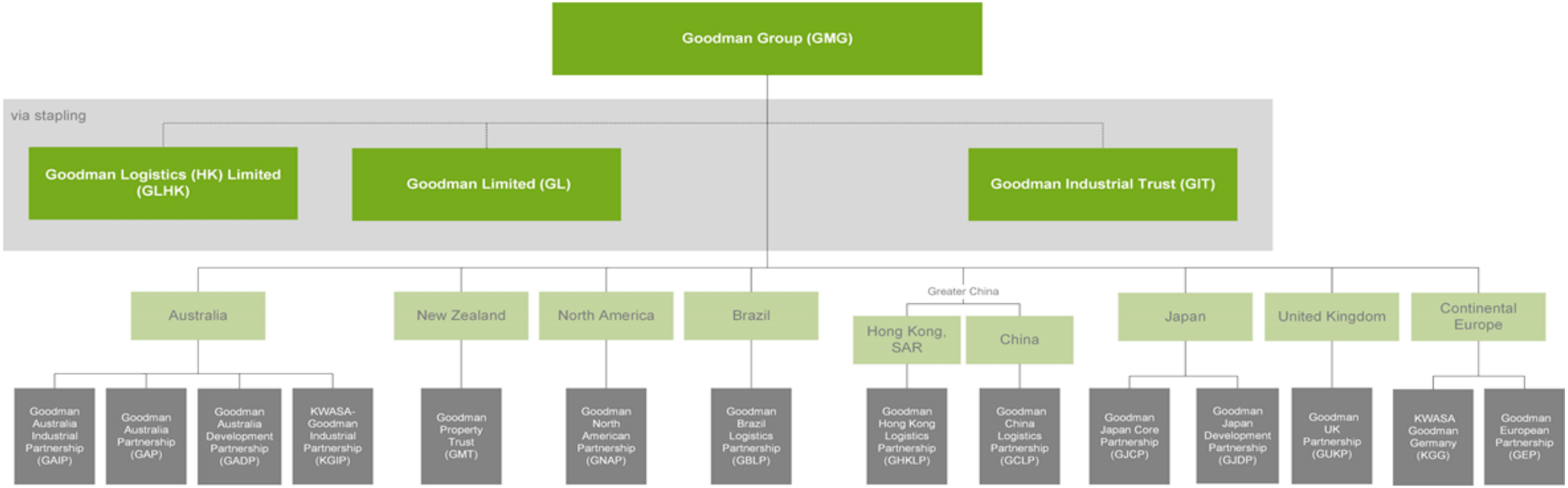


Figure 1 - Goodman Group global operating platform as of 30 June 2023 (currency in AUD)

Corporate structure

Goodman is a triple-stapled entity comprised of the Australian company, Goodman Limited ('GL'), the Australian trust, Goodman Industrial Trust ('GIT') and the Hong Kong company, Goodman Logistics (HK) Limited ('GLHK'). Goodman manages a global network of 16 investment partnerships, providing access for Partners to invest alongside Goodman in the development of prime logistics and industrial properties in key markets globally. We partner with investor groups including sovereign wealth, pension, and large multi-manager funds. These Partnerships maintain best practice governance with local teams responsible for all aspects of management.



The following entities are included within this certification:

Legal entity name	ABN	ACN
Goodman Limited (GL)	69 000 123 071	
Goodman Industrial Trust (GIT)	73 893 009 682	-
Goodman Logistics (HK) Limited ('GLHK')	ARBN – 155 911 149	-

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
Horticulture and agriculture
ICT Services and Equipment
Machinery and vehicles
Postage, courier and freight
Professional Services
Refrigerants
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

N/A

Optionally included

N/A

Outside emission boundary

Excluded

Customer operations

Maintenance and Repairs

Building embodied energy

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

ESG is an integral part of Goodman's business strategy. Goodman make investment decisions based on strategic long-term thinking and operate with sustainability goals front of mind. As the Group has grown to become Australia's largest listed-property company, our commitment to ESG principles continues to shape our operations. Goodman has established several emissions-related targets under its 2030 Sustainability Strategy, which set the framework and operational response for Goodman to meet its carbon-related commitments. These include:

- Tracking towards our science-based emission reduction targets. Using 2021 as our baseline year, our 2030 targets have been validated by the SBTi as being aligned with the UN Paris Agreement's goal of 1.5°C. Our targets consider our Scope 1, Scope 2, and Scope 3 emissions.

  Our science-based target commitments include:

  - 42% reduction in absolute Scope 1 and Scope 2 GHG emissions. These include Goodman's electricity, fuel, and refrigerant emissions.
  - 50% sqm intensity reduction of Scope 3 GHG emissions, including indirect customer emissions generated during the use of our stabilised and sold assets.

As our ability to control our Scope 3 emissions is limited, collaboration with suppliers and customers will be important. We will also need to remain focused on factors like efficient design and the location of our properties, supply of onsite renewable electricity and electric vehicle infrastructure.

Our energy-related targets include:

- 400 MW of installed and committed solar by 2025, and
- Achieving 100% renewable electricity within our operations by 2025 through power-purchase agreements, renewable energy certificate schemes, and increasing our use of onsite solar energy.

Emissions reduction actions

A further 103 MW of solar PV installed or committed to during FY23. Taking Goodman's global installations to approximately 306 MW.

Achieved 100% renewable electricity use in Australia, Continental Europe, Hong Kong, Mainland China, New Zealand, and United Kingdom, and 6.5% in Japan. This increased our renewable electricity consumption to over 80% globally.

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:	2020–21	52,962	n/a
Year 2:	2021–22	23,686	n/a
Year 3:	2022–23	19,241	n/a

While the key driver of the above emissions reduction since the reported base year is due to Goodman's increased uptake of renewable energy, emissions from within other emission source categories have increased. This includes categories such as professional services and office supplies and equipment, and is the result of conducting an extensive bottom-up review and mapping of our general ledger items in FY2024.

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
Electricity	12,187.2	2,565.55	Commenced generating RECs in Greater China and increased REC purchased across the Group during FY2023
Professional Services	1,364.3	4,154.6	Greater breadth of professional services included in FY2023.
Transport (Air)	347.3	2,080.3	Increase in long business and first-class flights.

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 (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	93.51	93.51
Cleaning and Chemicals	0.00	0.00	100.39	100.39
Construction Materials and Services	0.00	0.00	87.33	87.33
Electricity	0.00	2,565.55	0.00	2,565.55
Food	0.00	0.00	462.69	462.69
Horticulture and Agriculture	0.00	0.00	33.74	33.74
ICT services and equipment	0.00	0.00	1702.41	1702.41
Machinery and vehicles	0.00	0.00	439.11	439.11
Office equipment & supplies	0.00	0.00	672.51	672.5
Postage, courier and freight	0.00	0.00	25.93	25.9
Professional Services	0.00	0.00	4,154.59	4,154.6
Refrigerants	1,774.79	0.00	0.00	1,774.8
Stationary Energy (gaseous fuels)	821.57	0.00	176.24	997.8
Stationary Energy (liquid fuels)	153.58	0.00	37.62	191.2
Transport (Air)	0.00	0.00	2,080.34	2,080.3
Transport (Land and Sea)	742.45	0.00	787.18	1,529.6
Waste	0.00	0.00	1,326.95	1,327.0
Water	0.00	0.00	798.28	798.3
Working from home	0.00	0.00	204.07	204.1
Total emissions	**3,492.39**	**2,939.62**	**13,182.90**	**19,240.83**

Uplift factors

N/A

6.CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 19,241 t CO_2-e. The total number of eligible offsets used in this report is 19,241 Of the total eligible offsets used, 0 were previously banked and 19,241 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Jawoyn Fire Project

The Jawoyn Fire Project is an Aboriginal-run project that produces carbon credits by reducing wildfires through strategic, controlled savanna burning. Aboriginal Jawoyn Rangers manage the Jawoyn estate across the Katherine, Kakadu and Roper region in the Northern Territory, Australia.

Rangers use the same techniques as their ancestors - burning areas in the early dry season to reduce wildfires and refresh country - as well as the latest technology to plan and strategically manage fire. This includes conducting aerial and on-ground burning to prevent late season wildfires and reduce overall carbon emissions. They use satellite technology to track their progress and observe important changes from space.

In addition to reducing harmful emissions, the project protects significant fire-sensitive ecosystems and many threatened species, for example important birds, mammals and reptiles. It also delivers significant social, cultural and economic benefits for Indigenous Australians, for example employment, connecting people back to country and protecting important cultural site

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 (%)**
Jawoyn Fire 2	ACCU	ANREU	25/01/2024	9,003,807,916 9,003,809,165	2024	0	1,250	0	0	1,250	6.5%
Jawoyn Fire 2	ACCU	ANREU	25/01/2024	9,003,809,166 9,003,812,606	2024	0	3,441	0	0	3,441	17.9%
Jawoyn Fire 2	ACCU	ANREU	25/01/2024	9,003,812,607 9,003,815,042	2024	0	2,436	0	0	2,436	12.7%
Jawoyn Fire 2	ACCU	ANREU	25/01/2024	9,003,815,043 9,003,827,156	2024	0	12,114	0	0	12,114	62.9%
									Total eligible offsets retired and used for this report	19,241	
									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
Australian Carbon Credit Units (ACCUs)	19,241	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)*	0
2. I-RECs	17,890

* 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)
0.8MW Rooftop Distributed Photovoltaic Power Generation Project of Jiayuan Warehousing Services (Huizhou) Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-9003.224000 - 0000-0217-1109-9073.013999	2022	Solar	69.79
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1424-1245.000000 0000-0217-1424-1531.402999	2022	Solar	286.403

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1424-1531.403000 0000-0217-1424-1554.861999	2022	Solar	23.459
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-2339.615000 0000-0217-1110-2395.104999	2022	Solar	55.49
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-1753.467000 0000-0217-1110-1918.146999	2022	Solar	164.68
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8148.178000 0000-0217-1109-8173.420999	2022	Solar	25.243
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0387.754000 0000-0217-1110-0448.318999	2022	Solar	60.565

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-2680-8993.253000 0000-0217-2680-9131.772999	2022	Solar	138.520
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-1996.000000 0000-0217-1110-2005.135999	2022	Solar	9.136
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4258.167000 0000-0217-4269-4280.284999	2022	Solar	22.118
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4294.361000 0000-0217-4269-4349.150999	2022	Solar	54.79
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4280.285000 0000-0217-4269-4294.360999	2022	Solar	14.076

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4207.899000 0000-0217-4269-4258.166999	2022	Solar	50.268
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-2680-9131.773000 0000-0217-2680-9330.140999	2022	Solar	198.368
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0448.319000 0000-0217-1110-0552.526999	2022	Solar	104.208
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8256.000000 0000-0217-1109-8321.875999	2022	Solar	65.876

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1424-1554.862000 0000-0217-1424-1876.032999	2022	Solar	321.171
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1469-2640.588000 0000-0217-1469-2698.156999	2022	Solar	57.569
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1469-1913.278000 0000-0217-1469-2640.587999	2022	Solar	727.31
0.8MW Rooftop Distributed Photovoltaic Power Generation Project of Jiayuan Warehousing Services (Huizhou) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8049.000000 0000-0217-1109-8055.093999	2022	Solar	6.094

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
4000kWp Distributed Photovoltaic Power Generation Project of Manjia Supply Chain Management (Guangdong) Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4667-8501.000000 0000-0217-4667-8692.511999	2022	Solar	191.512
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-5469.587000 0000-0217-1428-6457.079999	2022	Solar	987.493
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1424-1876.033000 0000-0217-1424-1925.490999	2022	Solar	49.458
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-2395.105000 0000-0217-1110-2558.459999	2022	Solar	163.355

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3.6MW Distributed Photovoltaic Power Station of Jiada Industrial (Huizhou) Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4340-6730.000000 0000-0217-4340-7009.941999	2022	Solar	279.942
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-2558.460000 0000-0217-1110-2713.432999	2022	Solar	154.973
3.6MW Distributed Photovoltaic Power Station of Jiada Industrial (Huizhou) Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4340-7009.942000 0000-0217-4340-7164.747999	2022	Solar	154.806
Jiaxing Pinghu Goodman Logistics Park 3200KWp rooftop photovoltaic power generation project	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4216-6801.000000 0000-0217-4216-7424.538999	2022	Solar	623.539
7.3MW Distributed Photovoltaic Power Station of Jia'Ao Industrial (Huizhou) Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4340-8993.000000 0000-0217-4341-2103.673999	2022	Solar	3110.674

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8080.000000 0000-0217-1109-8121.276999	2022	Solar	41.277
Jiaxing Pinghu Goodman Logistics Park 3200KWp rooftop photovoltaic power generation project	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4216-8470.262000 0000-0217-4216-8529.477999	2022	Solar	59.216
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0251.000000 0000-0217-1110-0367.374999	2022	Solar	116.375
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-3664.000000 0000-0217-1428-3943.952999	2022	Solar	279.953
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-2005.136000 0000-0217-1110-2231.960999	2022	Solar	226.825

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1469-2698.157000 0000-0217-1469-3076.479999	2022	Solar	378.323
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4185.963000 0000-0217-4269-4207.898999	2022	Solar	21.936
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8121.277000 0000-0217-1109-8148.177999	2022	Solar	26.901
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0148.841000 0000-0217-1110-0246.733999	2022	Solar	97.893
Jiaxing Pinghu Goodman Logistics Park 3200KWp rooftop photovoltaic power generation project	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4216-8529.478000 0000-0217-4216-8660.231999	2022	Solar	130.754

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8321.876000 0000-0217-1109-8643.405999	2022	Solar	321.53
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-5213.432000 0000-0217-1110-6022.007999	2022	Solar	808.576
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0552.527000 0000-0217-1110-0712.534999	2022	Solar	160.008
0.8MWp Rooftop Photovoltaic Power Station of Zhejiang Jiahai Warehouse Services Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8643.406000 0000-0217-1109-8679.941999	2022	Solar	36.536
3MWp Rooftop Photovoltaic Power Station of Jiahuang Industrial Facilities (Taicang) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4211-4760.000000 0000-0217-4211-5154.425999	2022	Solar	394.426

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3MWp Rooftop Photovoltaic Power Station of Jiahuang Industrial Facilities (Taicang) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4211-5299.861000 0000-0217-4211-5428.999999	2022	Solar	129.139
3MWp Rooftop Photovoltaic Power Station of Jiahuang Industrial Facilities (Taicang) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4211-5429.000000 0000-0217-4211-5724.339999	2022	Solar	295.34
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0712.535000 0000-0217-1110-0848.566999	2022	Solar	136.032
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-4844.000000 0000-0217-1110-5213.431999	2022	Solar	369.432

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-3943.953000 0000-0217-1428-4204.033999	2022	Solar	260.081
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-2680-8889.389000 0000-0217-2680-8993.252999	2022	Solar	103.864
2.5MWp Rooftop Photovoltaic Power Station of Baodaqiya Mechatronic Technology (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-2680-8203.000000 0000-0217-2680-8889.388999	2022	Solar	686.389
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-1384.429000 0000-0217-1110-1753.466999	2022	Solar	369.038

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-1377.000000 0000-0217-1110-1384.428999	2022	Solar	7.429
Jiaxing Pinghu Goodman Logistics Park 3200KWp rooftop photovoltaic power generation project	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4216-8315.119000 0000-0217-4216-8470.261999	2022	Solar	155.143
Jiaxing Pinghu Goodman Logistics Park 3200KWp rooftop photovoltaic power generation project	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4216-7424.539000 0000-0217-4216-8315.118999	2022	Solar	890.58
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-0848.567000 0000-0217-1110-1010.673999	2022	Solar	162.107
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-5266.507000 0000-0217-1428-5469.586999	2022	Solar	203.08

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-4817.000000 0000-0217-1428-5266.506999	2022	Solar	449.507
2.2MWp Rooftop Photovoltaic Power Station of Jinyi Tech Corporation (Kunshan) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-9267.000000 0000-0217-1110-0148.840999	2022	Solar	881.841
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4081.424000 0000-0217-4269-4185.962999	2022	Solar	104.539
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-4204.034000 0000-0217-1428-4348.727999	2022	Solar	144.694

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Boluo Jiayuan 1.2MWp Rooftop Photovoltaic Power Station	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1110-2231.961000 0000-0217-1110-2339.614999	2022	Solar	107.654
3.5MW Rooftop Distributed Photovoltaic Power Generation Project of Tianjin Landport Goodman Logistics Facility Development Co., Ltd	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1428-4348.728000 0000-0217-1428-4796.491999	2022	Solar	447.764
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1469-1820.817000 0000-0217-1469-1913.277999	2022	Solar	92.461
2.8MW Rooftop Distributed Photovoltaic Power Generation Project for Tianjin Landport Warehousing Development Company	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1469-1682.000000 0000-0217-1469-1820.816999	2022	Solar	138.817

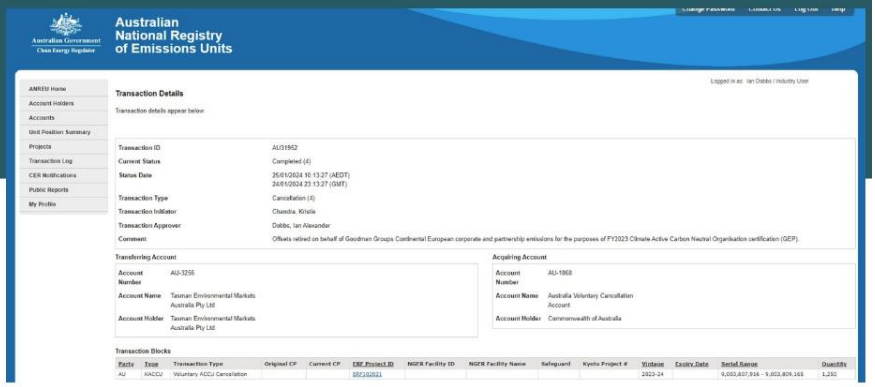
Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
3MWp Rooftop Photovoltaic Power Station of Jiahuang Industrial Facilities (Taicang) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4211-5154.426000 0000-0217-4211-5299.860999	2022	Solar	145.435
0.8MW Rooftop Distributed Photovoltaic Power Generation Project of Jiayuan Warehousing Services (Huizhou) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-1109-8729.000000 0000-0217-1109-9003.223999	2022	Solar	274.224
3MWp Rooftop Photovoltaic Power Station of Kunmax Supply Chain (Changshu) Co., Ltd.	China	i-REC	The International REC Standard	FY23	n/a	0000-0217-4269-4017.000000 0000-0217-4269-4081.423999	2022	Solar	64.424
Total LGCs surrendered this report and used in this report									**17,890**

APPENDIX A: ADDITIONAL INFORMATION

EVIDENCE

RETIREMENT CONFIRMATION

OFFSET REF 1:
LINK TO REGISTRY
SN9,003,807,916 - 9,003,809,165



EVIDENCE

RETIREMENT CONFIRMATION

OFFSET REF 1:
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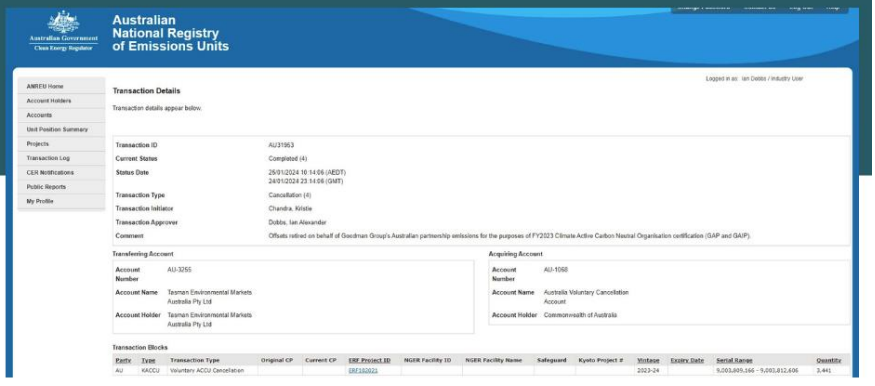
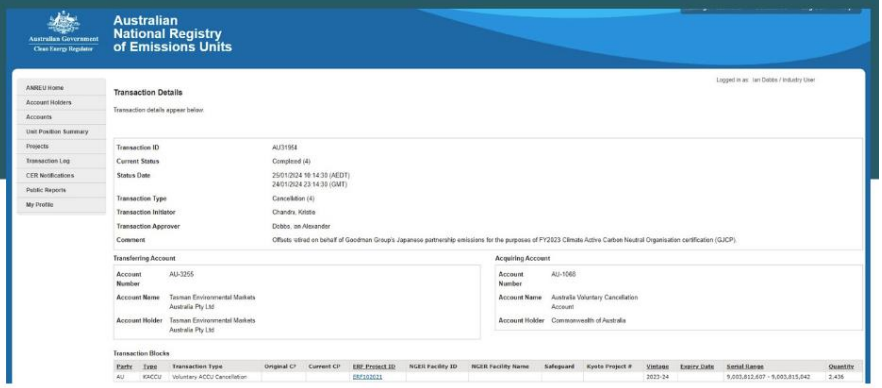


EVIDENCE

RETIREMENT CONFIRMATION

OFFSET REF 1:
LINK TO REGISTRY
SN9,003,812,607 - 9,003,815,042



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Transaction Details

Transaction details appear below.

Transaction ID	AU31954
Current Status	Completed (4)
Status Date	25/01/2024 16:14:39 (AEDT) 24/01/2024 23:14:39 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Chandra, Kristie
Transaction Approver	Dobbs, Ian Alexander
Comment	Offsets retired on behalf of Goodman Group's Japanese partnership emissions for the purposes of FY2023 Climate Active Carbon Neutral Organisation certification (GJCP).

Transferring Account

Account Number	AU-3255
Account Name	Tasman Environmental Markets Australia Pty Ltd
Account Holder	Tasman Environmental Markets Australia Pty Ltd

Acquiring Account

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

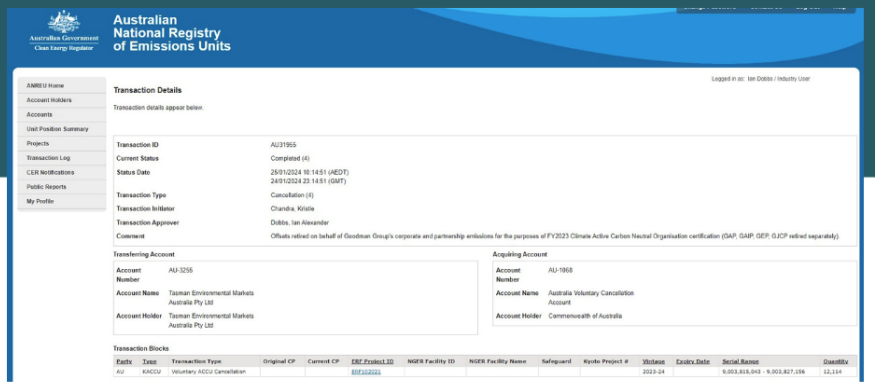
Transaction Blocks

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			ERF102021					2023-24		9,003,812,607 - 9,003,815,042	2,436

EVIDENCE

RETIREMENT CONFIRMATION

OFFSET REF 1:
LINK TO REGISTRY
SN9,003,815,043 - 9,003,827,156



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Transaction Details

Transaction details appear below.

Transaction ID	AU31955
Current Status	Completed (4)
Status Date	25/01/2024 16:14:51 (AEDT) 24/01/2024 23:14:51 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Chandra, Kristie
Transaction Approver	Dobbs, Ian Alexander
Comment	Offsets retired on behalf of Goodman Group's corporate and partnership emissions for the purposes of FY2023 Climate Active Carbon Neutral Organisation certification (GAP, GAIP, GEP, GJCP retired separately).

Transferring Account

Account Number	AU-3255
Account Name	Tasman Environmental Markets Australia Pty Ltd
Account Holder	Tasman Environmental Markets Australia 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			ERF102021					2023-24		9,003,815,043 - 9,003,827,156	12,114

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.

Australian-based electricity emissions are calculated using a **market-based approach**. Note non-Australian electricity emissions are not detailed within this section.

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	252,664	0	1%
Total non-grid electricity	**252,664**	**0**	**1%**
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	22,660,782	0	99%
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)	4,260,227	0	19%
Residual Electricity	-4,260,227	-4,068,517	0%
Total renewable electricity (grid + non grid)	**27,173,673**	**0**	**119%**
Total grid electricity	**22,660,782**	**0**	**117%**
Total electricity (grid + non grid)	**22,913,446**	**0**	**119%**
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	**-4,260,227**	**-4,068,517**	
Scope 2	-3,762,278	-3,592,976	
Scope 3 (includes T&D emissions from consumption under operational control)	-497,949	-475,541	
Residual electricity consumption not under operational control	**0**	**0**	
Scope 3	0	0	

Total renewables (grid and non-grid)	**118.59%**
Mandatory	**18.59%**
Voluntary	**98.90%**
Behind the meter	**1.10%**
Residual scope 2 emissions (t CO_2-e)	**-3,592.98**
Residual scope 3 emissions (t CO_2-e)	**-475.54**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Total emissions liability (t CO_2-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	19,430,900	19,430,900	14,184,557	1,165,854	0	0
SA	0	0	0	0	0	0
VIC	2,738,807	2,738,807	2,327,986	191,716	0	0
QLD	491,075	491,075	358,485	73,661	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)	**22,660,782**	**22,660,782**	**16,871,028**	**1,431,232**	**0**	**0**
ACT	0	0	0	0		
NSW	252,664	252,664	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)	**252,664**	**252,664**	**0**	**0**		
Total electricity (grid + non grid)	**22,913,446**					

Residual scope 2 emissions (t CO_2-e)	**16,871.03**
Residual scope 3 emissions (t CO^2-e)	**1,431.23**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**16,871.03**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**1,431.23**
Total emissions liability	**18,302.26**

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		

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)**
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
N/A	

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
Customer Operations	Y	N	N	N	N	**Size:** these emissions are significant and relate to our customers' activities within our assets including warehousing and distribution, cold storage, industrial manufacturing, and data services. **Influence:** we have no influence over our customers' activities. **Risk:** there are no relevant laws or regulations that apply to limit emissions specifically from this source. **Stakeholders:** key stakeholders are unlikely to consider this a relevant source of emissions for our business due to the activities being outside of our direct influence. **Outsourcing:** we have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.
Maintenance & Repairs	N	Y	N	N	N	**Size:** these emissions are not significant. **Influence:** during the operational phase of a building, we are responsible for co-ordinating maintenance and repairs. **Risk:** there are no relevant laws or regulations that apply to limit emissions specifically from this source. **Stakeholders:** key stakeholders are unlikely to consider this source of emissions as a priority due to its materiality. **Outsourcing:** we have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.
Building Embodied Carbon	Y	N	N	N	N	**Size:** these emissions are significant and relate to our construction materials and activities. **Influence:** we do not have operational control during the construction phase of our buildings. **Risk:** there are no relevant laws or regulations that apply to limit emissions specifically from this source. This emissions source falls within the Climate Active Carbon Neutral Standard for Products. **Stakeholders:** key stakeholders are unlikely to consider this a relevant source of emissions for the purposes of this certification. **Outsourcing:** we have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.

An Australian Government Initiative

Climate Active