



# **PUBLIC DISCLOSURE STATEMENT**

**REAL UTILITIES NAME (FRASERS  
PROPERTY AUSTRALIA)**

**PRODUCT CERTIFICATION  
FY2023–24**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



NAME OF CERTIFIED ENTITY	Real Utilities (Frasers Property Australia)
REPORTING PERIOD	01 October 2023 – 30 September 2024 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct as it pertains to the reporting period 1 October 2023 – 30 September 2024 and meets the requirements of the Climate Active Carbon Neutral Standard. This public disclosure statement is signed off by Frasers Property Australia given Real Utilities was owned by Frasers Property Australia during the reporting period, however at the date of signing this public disclosure statement, Real Utilities is no longer owned by Frasers Property Australia, with ownership transferring to Embedded Networks Investments Holdings Pty Ltd (Active Utilities) on 31st October 2025.</i></p>  <p>Anita Hoskins          Chief Financial and Operations Officer, Frasers Property Australia          11/02/2026</p>



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

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Version 9.

# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	34,930.19 tCO <sub>2</sub> -e
CARBON OFFSETS USED	6% VCUs, 94% CERs
RENEWABLE ELECTRICITY	28.41%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	14/4/2023 Pangolin Associates Next technical assessment due: FY2025

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## 2. CERTIFICATION INFORMATION

### Description of product certification

The product is electricity, gas and biodiesel, which is offered by Real Utilities (ABN: 97 150 290 814), a wholly owned subsidiary of Frasers Property Australia (ABN: 89 600 448 726), in selected new Frasers Property Australia residential and retail developments and Frasers Property Industrial developments between the 1st of October 2023 to the 30th of September 2024. These developments are located in New South Wales, Victoria, and Queensland. It includes the Scope 1, 2 and 3 emissions from electricity, biodiesel and gas provided to premises both for consumer end use and powering of air-conditioning. Other utility products such as water and refrigerants are excluded from the carbon neutral certification.

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standard for products and services
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

The calculation methodologies and emission factors used in the inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF<sub>6</sub>) and Nitrogen Trifluoride (NF<sub>3</sub>).

- Functional unit: tCO<sub>2</sub>-e/MWh energy supplied (electricity, gas, and biodiesel)
- Offered as: full coverage product
- Life cycle: cradle-to-grave

The responsible entity for this product certification is Real Utilities (ABN: 97 150 290 814), a wholly owned subsidiary of Frasers Property Australia (ABN: 89 600 448 726).

This Public Disclosure Statement includes information for FY2024 reporting period.

### Description of business

Real Utilities is a licensed energy retailer, wholly owned by Frasers Property Australia, one of Australia's largest diversified property companies. Real Utilities value proposition is to provide cheaper, greener, simpler energy to residents and businesses within Frasers Property's developments. Figure 1 presents the

company structure diagram to clearly define the link between Frasers Property Australia and Real Utilities.

Previously, Real Utilities Business Operations have been captured under the Frasers Property Australia Organisation certification. The operational emissions are now measured in this product report. Real Utilities organisation emissions have been calculated by apportioning their contribution to Frasers Property Australia's emissions using their FTE values as Real Utilities operates within the same building and office spaces as Frasers Property Australia.



Figure 1 Company structure diagram

## 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 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

**Non-quantified** emissions have been assessed as attributable 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

**Non-attributable** emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

## Inside emissions boundary

### Quantified

#### Quantified – Real Utilities Product

Natural Gas

Electricity

Stationery Fuels (biodiesel)

#### Quantified – Real Utilities Operations

Electricity (Tenancy, Base Building)

Natural Gas

Telecommunications

Water

IT Equipment

Software

Office Paper

Stationery

Staff clothing

Employee Commute and working from home

Business Flights

Transport Fuels (Post 2004

Diesel & Gasoline)

Stationery Fuels (Diesel Oil)

Cleaning Services

Food & Catering

Postage

Couriers

Printing

Hotel Accommodation

Advertising

Taxis

Rideshare

Professional services

### Non-quantified – Real Utilities Product

N/A

### Non-quantified – Real Utilities Operations

Refrigerant leakage

## Outside emission boundary

### Non-attributable – Real Utilities Product

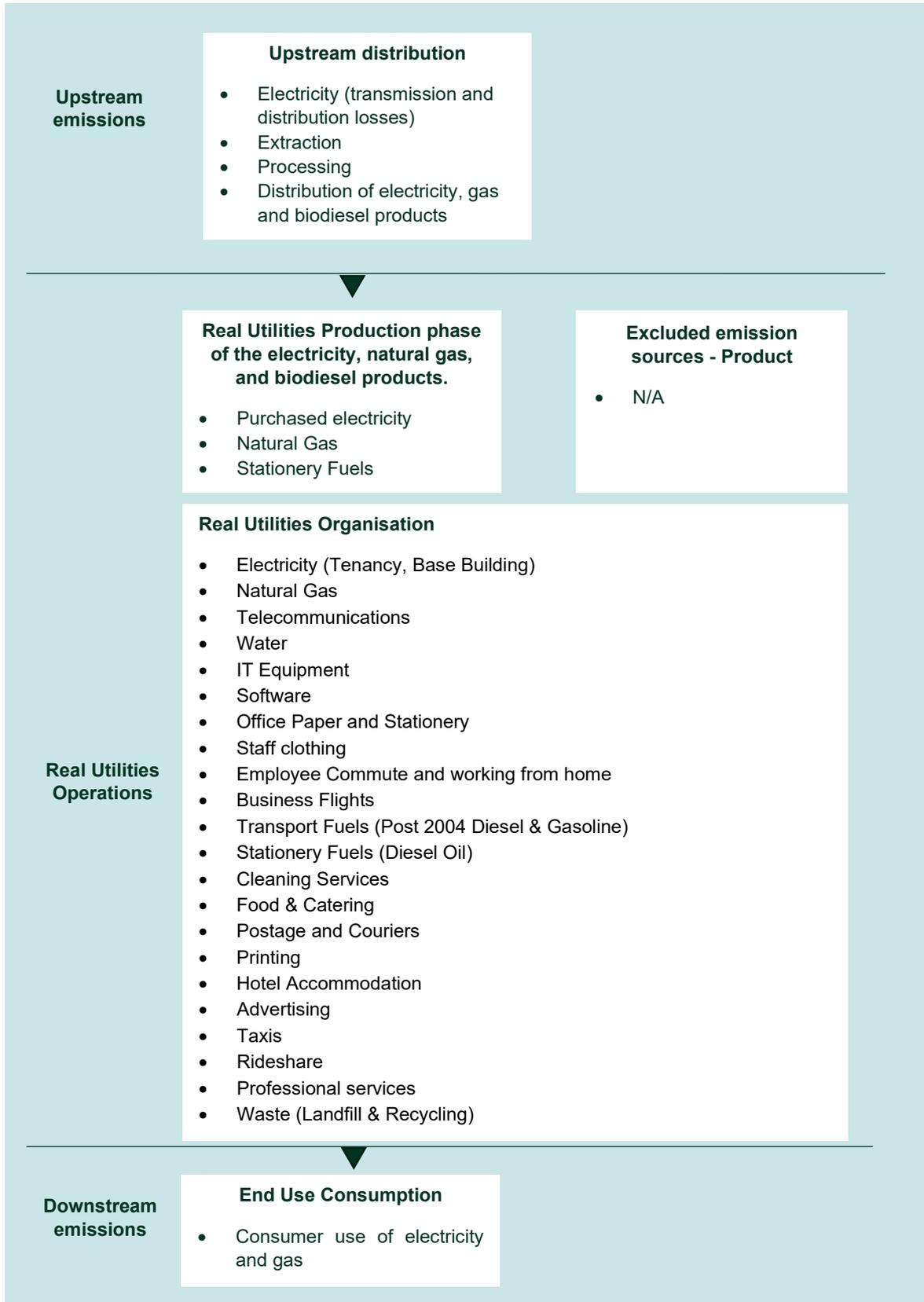
Fuel Transport

Building Refrigerants

Water

# Product process diagram

Cradle-to-grave boundary



## 4.EMISSIONS REDUCTIONS

### Emissions reduction strategy

Real Utilities is focused on promoting sustainability and is aligned with its parent entity Frasers Property Australia in this regard.

The main value propositions of Real Utilities are cheaper, greener, simpler. These are further documented on our website.

In addition to the Climate Active certification, Real Utilities is committed to initiatives that will reduce emissions in the properties it operates in.

Frasers Property Australia is a signatory to the Science Based Targets Initiative (SBTi) and has committed to reduce absolute scopes 1,2 and 3 GHG emissions by 47.7% by FY2028 from a FY2019 base year. The Science Based Targets Initiative (SBTi) issued new guidance around target setting for the buildings sector in August 2024. Of particular note the guidance recommends "Companies should adopt the location-based approach when setting an in-use operational Sectoral Decarbonization Approach target".

As part of the revised guidance from SBTi, Frasers Property Australia and Real Utilities are reviewing its emissions reduction strategies and their alignment with the revised guidance. A consequence of the recommendation to use the location-based approach for operational emissions is Real Utilities will be reducing the usage of LGC to achieve Climate Active certification.

In the design phase, Real Utilities will work with the Frasers Property Australia development team to identify initiatives to improve energy efficiency and incorporate renewable energy. These include:

- Reviewing the selection of building services plant such as hot water plant and air conditioning
- Undertaking analysis of solar PV on all projects with the aim of maximizing solar PV as an on-site energy source for future projects
- Undertaking analysis of battery energy storage systems on all relevant projects to ensure resilience of energy supply

Once the properties are operational, Real Utilities will continue to explore initiatives to reduce carbon and improve customer benefits in line with the value propositions - cheaper, greener, simpler.

Particular focus will continue to be on energy efficiency and renewable energy.

### Emissions reduction actions

Real Utilities has continued to grow its customer base, explaining the increase in total greenhouse gas emissions. However, the emissions per functional unit has decreased with the investment in more on-site renewable electricity generation and the retirement of large-scale generation certificates.

## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year			
		Total tCO <sub>2</sub> -e	Emissions intensity of the functional unit
Base year:	2017-18	613.4	0.96 tCO <sub>2</sub> -e/MWh
Year 1:	2018-19	1,983.6	0.74 tCO <sub>2</sub> -e/MWh
Year 2:	2019-20	6,615.7	0.92 tCO <sub>2</sub> -e/MWh
Year 3:	2020-21	22,486.2	0.61 tCO <sub>2</sub> -e/MWh
Year 4:	2021-22	25,418.1	0.60 tCO <sub>2</sub> -e/MWh
Year 5:	2022-23	27,420.31	0.60 tCO <sub>2</sub> -e/MWh
Year 6:	2023-24	34,930.19	0.61 tCO <sub>2</sub> -e/MWh

### Significant changes in emissions

Significant changes in emissions			
Attributable process	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Reason for change
Electricity	26,146.52	33,511.29	Increased electricity demand

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

Certified brand name	Product/Service/Building/Precinct used
Building C, Level 2 & 3/1C Homebush Bay Drive, Rhodes NSW 2138	Certified Building for 6 months of the certification period
Pangolin Associates	Consulting Services

### Emissions summary

Life cycle stage / Attributable process / Emission source	tCO <sub>2</sub> -e
Electricity (Market-based)	33,511.29
Natural gas NSW	1,003.55

Biodiesel	0.78
Natural gas VIC	245.49
Natural gas QLD	112.32
Real Utilities Operations	56.75
<b>Attributable emissions (tCO<sub>2</sub>-e)</b>	<b>34,930.19</b>

<b>Product / Service offset liability</b>	
Emissions intensity per functional unit	0.60696
Emissions intensity per functional unit including uplift factors	N/A
Number of functional units covered by the certification	57,549.19
<b>Total emissions (tCO<sub>2</sub>-e) to be offset</b>	<b>34,931</b>

## 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
Certified Emissions Reductions (CERs)	32,931	94%
Verified Carbon Units (VCUs)	2,000	6%

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
Zhejiang Tangcun 32MW Hydropower Project	CER	Climate Neutral Now platform	26/11/2024	CN-5-1014265760-2-0-6447 -CN-5-1014267759-2-0-6447	CP2	2000	0	0	2000	5.73%
Zhejiang Tangcun 32MW Hydropower Project	CER	Climate Neutral Now platform	30/1/2025	CN-5-1196658952-2-0-6447 - CN-5-1196687772-2-0-6447	CP2	50000	0	21179	28821	82.51%
Sichuan Miyaluo Hydroelectric Station	CER	Climate Neutral Now platform	26/11/2024	CN-5-1196228931-2-0-1966 - CN-5-1196230930-2-0-1966	CP2	2000	0	0	2000	5.73%

Sichuan Miyaluo Hydroelectric Station	CER	Climate Neutral Now platform	30/1/2025	CN-5-1196231503-2-2-0-1966 - CN-5-1196231602-2-2-0-1966	CP2	100	0	0	100	0.29%
Guoluo Grassland Sustainable Management China	VCU	Verra Registry	30/1/2025	12974-463576466-463582465-VCS-VCU-291-VER-CN-14-2458-01012019-31122019-1	2019	6000	0	4000	2000	5.73%
9MW Biomass Power Project at Yedlapur Village in Raichur District, Karnataka, India	CER	Climate Neutral Now platform	30/1/2025	N-5-315211359-2-2-0-9430 - IN-5-315211368-2-2-0-9430	CP2	10	0	0	10	0.03%

## **Co-benefits**

### **Guoluo Sustainable Grasslands Management Project**

The Guoluo Grassland Sustainable Management Project aims to restore the local degraded grassland ecosystem, increase grassland coverage and soil carbon stock, and implement sustainable grassland management.

The project will boost the local economy by providing training and job opportunities in rodent control and grass seeding. Through this program, local community members will develop the technical skills necessary to sustainably manage the grassland. Local wildlife also stands to benefit from the project via an increase in soil organics.

## 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.

<b>1. Large-scale Generation certificates (LGCs)*</b>	5,186
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\* 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)
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	1-21	2021	Solar	21
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	1-64	2021	Solar	64
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	449-583	2021	Solar	135
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	343-448	2021	Solar	106
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	202-342	2021	Solar	141

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Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	90-201	2021	Solar	112
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	221-250	2022	Solar	30
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	193-220	2022	Solar	28
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	170-192	2022	Solar	23
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	151-169	2022	Solar	19
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	132-150	2022	Solar	19
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	112-131	2022	Solar	20
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	88-111	2022	Solar	24
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	67-87	2022	Solar	21

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Williams Sonoma Fraser's Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	37-66	2022	Solar	30
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	594-668	2022	Solar	75
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	528-593	2022	Solar	66
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	480-527	2022	Solar	48
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	450-479	2022	Solar	30
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	387-449	2022	Solar	63
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	310-386	2022	Solar	77
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	224-309	2022	Solar	86
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	120-223	2022	Solar	104
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	1-119	2022	Solar	119
Williams Sonoma Fraser's Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	251-294	2022	Solar	44

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Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	669-714	2022	Solar	46
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	295-339	2022	Solar	45
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	889-1045	2022	Solar	157
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	354-355	2022	Solar	2
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	352-353	2022	Solar	2
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	350-351	2022	Solar	2
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	347-349	2022	Solar	3
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	346	2022	Solar	1
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	344-345	2022	Solar	2

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Williams Sonoma Fraser's Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	342-343	2022	Solar	2
Williams Sonoma Fraser's Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	340-341	2022	Solar	2
Ozito efm frasers Dandenong South No.1 - Solar PV - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC65	205-243	2023	Solar	39
Ozito efm frasers Dandenong South No.1 - Solar PV - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC65	148-204	2023	Solar	57
Ozito efm frasers Dandenong South No.1 - Solar PV - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC65	82-147	2023	Solar	66
Real Utilities Epping No 1 - Solar - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC39	180-269	2023	Solar	90
Real Utilities Epping No 1 - Solar - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC39	374-453	2023	Solar	80
Real Utilities Epping No 1 - Solar - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC39	270-373	2023	Solar	104
Williams Sonoma Fraser's Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	109-133	2023	Solar	25

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Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	108	2023	Solar	1
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	106-107	2023	Solar	2
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	74-105	2023	Solar	32
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	38-73	2023	Solar	36
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	1-37	2023	Solar	37
Rubyanna Waste Water Treatment Plant - Solar - QLD	QLD	LGC	REC Registry	1/2/2024	SRPVQLX8	175-236	2023	Solar	62
Rubyanna Waste Water Treatment Plant - Solar - QLD	QLD	LGC	REC Registry	1/2/2024	SRPVQLX8	116-174	2023	Solar	59
Edmondson Park Town Centre Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSV2	296-357	2023	Solar	62
Edmondson Park Town Centre Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSV2	210-295	2023	Solar	86

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Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	1-69	2023	Solar	69
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	356-435	2023	Solar	80
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	248-355	2023	Solar	108
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	123-247	2023	Solar	125
NuPure Frasers Horsley Park No.1 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST8	737-867	2023	Solar	131
NuPure Frasers Horsley Park No.1 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST8	606-736	2023	Solar	131
NuPure Frasers Horsley Park No.1 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST8	439-605	2023	Solar	167
B J Ball Solar PV NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSS0	34-48	2023	Solar	15
B J Ball Solar PV NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSS0	18-33	2023	Solar	16
DHL Arndell Park - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSQ0	55-60	2023	Solar	6
DHL Arndell Park - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSQ0	46-54	2023	Solar	9

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DHL Arndell Park - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSQ0	32-45	2023	Solar	14
Shell Cove Shopping Centre - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSH7	117-135	2023	Solar	19
Shell Cove Shopping Centre - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSH7	96-116	2023	Solar	21
Shell Cove Shopping Centre - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSH7	69-95	2023	Solar	27
Shell Cove Shopping Centre - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSH7	37-68	2023	Solar	32
Ferguson North Wind Farm - VIC	VIC	LGC	REC Registry	1/2/2024	WD00VC42	3922-5099	2023	Wind	1,178
Edmondson Park Town Centre Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSV2	358-409	2023	Solar	52
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	436-510	2023	Solar	75
Ozito efm frasers Dandenong South No.1 - Solar PV - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC65	244-272	2023	Solar	29
Real Utilities Epping No 1 - Solar - VIC	VIC	LGC	REC Registry	1/2/2024	SRPXVC39	454-501	2023	Solar	48
Williams Sonoma Frasers Horsley Park No.2 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPXNS56	134-159	2023	Solar	26

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Edmondson Park Town Centre Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSV2	410-446	2023	Solar	37
Q Eastern Creek 0.9 MW - Solar NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST9	513-569	2023	Solar	57
NuPure Frasers Horsley Park No.1 - Solar PV - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNST8	868-963	2023	Solar	96
DHL Arndell Park - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSQ0	65-71	2023	Solar	7
DHL Arndell Park - Solar - NSW	NSW	LGC	REC Registry	1/2/2024	SRPVNSQ0	61-64	2023	Solar	4
<b>Total LGCs surrendered this report and used in this report</b>									<b>5,186</b>

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# APPENDIX A: ADDITIONAL INFORMATION

 **United Nations**  
Framework Convention on  
Climate Change

Date: 26 NOVEMBER 2024  
REFERENCE: VC35426/2024

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**VOLUNTARY  
CANCELLATION  
CERTIFICATE**

Presented to  
Fraser's Property Australia  
**Project**  
Sichuan Miyaluo Hydroelectric Station  
**Reason for cancellation**  
I want to contribute to climate action

---

Number of units cancelled **2,000 CERs**  
Equivalent to 2,000 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196228931-2-2-0-1966  
End serial number: CN-5-1196230930-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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

 **United Nations**  
Framework Convention on  
Climate Change

Date: 26 NOVEMBER 2024  
REFERENCE: VC35424/2024

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**VOLUNTARY  
CANCELLATION  
CERTIFICATE**

Presented to  
Fraser's Property Australia  
**Project**  
Zhejiang Tangcun 32MW Hydropower Project  
**Reason for cancellation**  
Purchase of Offsets for Real Utilities

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Number of units cancelled **2,000 CERs**  
Equivalent to 2,000 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1014265760-2-2-0-6447  
End serial number: CN-5-1014267759-2-2-0-6447  
Monitoring period: 01-01-2015 - 31-12-2015

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



United Nations  
Framework Convention on  
Climate Change

Date: 3 APRIL 2025  
REFERENCE: VC37083/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**4,296 CERs**  
Equivalent to 4,296 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196292533-2-2-0-1966  
End serial number: CN-5-1196296828-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 20 MARCH 2025  
REFERENCE: VC36910/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**4,296 CERs**  
Equivalent to 4,296 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196288014-2-2-0-1966  
End serial number: CN-5-1196292309-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 2 MARCH 2025  
REFERENCE: VC36722/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Fraser Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**4,297 CERs**  
Equivalent to 4,297 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196282988-2-2-0-1966  
End serial number: CN-5-1196287276-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 2 MARCH 2025  
REFERENCE: VC36721/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Fraser Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**4,297 CERs**  
Equivalent to 4,297 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196278683-2-2-0-1966  
End serial number: CN-5-1196282979-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 2 MARCH 2025  
REFERENCE: VC36721/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action



Number of units  
cancelled

**4,297 CERs**  
Equivalent to 4,297 tonne(s) of CO<sub>2</sub>

Start serial number: CN-5-1196278683-2-2-0-1966  
End serial number: CN-5-1196282979-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 3 FEBRUARY 2025  
REFERENCE: VC36379/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action



Number of units  
cancelled

**27,000 CERs**  
Equivalent to 27,000 tonne(s) of CO<sub>2</sub>

Start serial number: CN-5-1196231648-2-2-0-1966  
End serial number: CN-5-1196258647-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 13 FEBRUARY 2025  
REFERENCE: VC36560/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**20,000 CERs**  
Equivalent to 20,000 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196258652-2-2-0-1966  
End serial number: CN-5-1196278651-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 30 JANUARY 2025  
REFERENCE: VC36346/2025

## VOLUNTARY CANCELLATION CERTIFICATE

Presented to  
Frasers Property Australia  
Project  
Sichuan Miyaluo Hydroelectric Station  
Reason for cancellation  
I want to contribute to climate action

Number of units  
cancelled

**100 CERs**  
Equivalent to 100 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196231503-2-2-0-1966  
End serial number: CN-5-1196231602-2-2-0-1966  
Monitoring period: 06-03-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 30 JANUARY 2025  
REFERENCE: VC36345/2025

## VOLUNTARY CANCELLATION CERTIFICATE

### Presented to

Frasers Property Australia

### Project

9MW Biomass Power Project at Yedlapur Village in Raichur District, Karnataka, India

### Reason for cancellation

I want to contribute to climate action

Number of units  
cancelled

**10 CERs**

Equivalent to 10 tonne(s) of CO<sub>2</sub>



Start serial number: IN-5-315211359-2-2-0-9430  
End serial number: IN-5-315211368-2-2-0-9430

Monitoring period: 01-02-2016 - 31-12-2020

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



United Nations  
Framework Convention on  
Climate Change

Date: 30 JANUARY 2025  
REFERENCE: VC36347/2025

## VOLUNTARY CANCELLATION CERTIFICATE

### Presented to

Frasers Property Australia

### Project

Zhejiang Tangcun 32MW Hydropower Project

### Reason for cancellation

I want to contribute to climate action

Number of units  
cancelled

**50,000 CERs**

Equivalent to 50,000 tonne(s) of CO<sub>2</sub>



Start serial number: CN-5-1196658952-2-2-0-6447  
End serial number: CN-5-1196708951-2-2-0-6447

Monitoring period: 01-01-2016 - 19-06-2019

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

## 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.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	1,205,108	0	2%
<b>Total non-grid electricity</b>	<b>1,205,108</b>	<b>0</b>	<b>2%</b>
LGC Purchased and retired (kWh) (including PPAs)	5,186,000	0	10%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	616	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)	8,224,484	0	16%
Residual Electricity	36,828,266	33,513,722	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>14,616,208</b>	<b>0</b>	<b>28%</b>
<b>Total grid electricity</b>	<b>50,239,366</b>	<b>33,513,722</b>	<b>26%</b>
<b>Total electricity (grid + non grid)</b>	<b>51,444,474</b>	<b>33,513,722</b>	<b>28%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>36,822,921</b>	<b>33,508,858</b>	
Scope 2	32,776,446	29,826,566	
Scope 3 (includes T&D emissions from consumption under operational control)	4,046,475	3,682,292	
<b>Residual electricity consumption not under operational control</b>	<b>5,346</b>	<b>4,865</b>	
Scope 3	5,346	4,865	

<b>Total renewables (grid and non-grid)</b>	<b>28.41%</b>
<b>Mandatory</b>	<b>15.99%</b>
<b>Voluntary</b>	<b>10.08%</b>
<b>Behind the meter</b>	<b>2.34%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>29,826.57</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>3,687.16</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>29,824.40</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>3,686.89</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>33,511.29</b>

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 <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	0	0	0	0	0	0
NSW	37,804,764	37,799,105	25,703,391	1,889,955	5,659	4,131
SA	0	0	0	0	0	0
VIC	10,016,812	10,015,313	7,912,097	701,072	1,499	1,290
QLD	2,417,790	2,417,428	1,764,723	362,614	362	318
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>50,239,366</b>	<b>50,231,846</b>	<b>35,380,211</b>	<b>2,953,641</b>	<b>7,520</b>	<b>5,739</b>
ACT	0	0	0	0		
NSW	744,834	744,834	0	0		
SA	0	0	0	0		
VIC	460,274	460,274	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>1,205,108</b>	<b>1,205,108</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>51,444,474</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>35,380.21</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>2,959.38</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>35,377.98</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>2,959.22</b>
<b>Total emissions liability</b>	<b>38,337.19</b>

### 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 <sub>2</sub> -e)
Leve 2 & 3, Building 1C Homebush Bay Drive, Rhodes, NSW 2138	3,289	0
<i>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.</i>		

## Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0
<p><i>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.</i></p>		

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

## Non-quantified emission sources

The following emissions sources have been assessed as attributable, 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	Justification reason
	FY2023-24 emissions boundary
Refrigerant leakage	Immaterial

## Excluded emission sources

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 EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

## **Non-attributable emissions sources summary**

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Water	N	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be significantly less than the primary electricity and natural gas emissions.</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our product.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary.</p>
Transport Fuels	N	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be significantly less than the primary electricity and natural gas emissions.</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our product.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service.</p> <p><b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary.</p>
Building refrigerant	N	N	N	N	N	<p><b>Size:</b> The emissions source is likely to be significantly less than the primary electricity and natural gas emissions.</p> <p><b>Influence:</b> We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our product.</p> <p><b>Risk:</b> There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p><b>Stakeholders:</b> Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service.</p>

						<b>Outsourcing:</b> We have not previously undertaken this activity within our emissions boundary and comparable products/services do not typically undertake this activity within their boundary.
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